



## Successful Summer Reunion

The Reunion attendees were warmly welcomed by Camp Director Scott Gunn and his staff as they stepped onto Yankee Landing and proceeded up the main pier to begin the weekend at Camp Emerald Bay. During the weekend of August 2 - 3, over 140 participants, alumni and their families, enjoyed the sunny weather and seasonably warm water while reconnecting and reminiscing with old friends.

The date of the summer reunion was moved up a week so that the reunion would occur during the summer camp season instead of during take down after the season had been completed. This resulted in reunion participants experiencing the camp fully set up with a complete staff. All of the areas were opened and staffed including the Handicraft Lodge, Rifle and Archery ranges, Bike Shop and Waterfront. The beautiful sunny weather and close to 70 degree water temperature made ocean related activities especially popular.

Saturday evening's activities included the memorabilia auction, where the proceeds were split between the Association the staff, the wine and cheese social, and a very successful campfire. The wine and cheese social was relocated from the Pennington Marine Science Center to Bayshore Beach, which is just in front of the snorkel shed on the Waterfront. The beach location provided for more room and everyone being together. The campfire, organized by John Meyers, was thoroughly enjoyed by participants and their families.

The annual Emerald Bay Triathlon was staged Sunday morning and was led by Race Director Greg Weinstein. 10 participants and one team competed in the race that involves swimming, kayaking and running. Greg Walter came in first place, Ethan Travis came in second place and Ryan Shepard came in third. Stephen Phillips came in fourth place and in fifth place was Bob Fenton. It was an exciting race with everyone looking forward to next year's competition.

(See **Reunion** on page 3)



Participants in the 30th annual Emerald Bay Association Reunion at Camp Emerald Bay

## High Tech at Emerald Bay



The Pennington Marine Science Center

The Pennington Marine Science Center located at Emerald Bay is already known for its well stocked aquariums, extensive collection of native birds and shark tank. Thanks to the efforts of Center Director Dave Chan and his staff, the Center will also be known for cutting edge technology. They are taking a deep dive into tech by adding an exciting program utilizing ROVs. ROV stands for Remotely Operated Vehicle. The Center has acquired two vehicles which are capable of diving to depths of 200 or more feet and provide video, still images, GPS coordinates and 3D mapping of the ocean bottom. The vehicles are tethered to the surface with cables and operated with wireless video game controller devices.

Dave acquired the first ROV, a Trident, by writing and receiving a grant from the National Geographic Society. The second, larger and more capable Blue ROV was generously provided by Bryan Biniak, whose son works on staff at Emerald Bay.

(See **High Tech** on page 2)

**Save the Date - Join former and current staff at the Bowlero Mar Vista Bowling Alley from 3 to 5 PM on Saturday, November 23 for food, drink and free frames. Bowlero is at 12125 Venice Blvd., Los Angeles, CA 90066**



## Under Pressure

SCUBA diving is a popular sport in Southern California. The SCUBA dive program at Emerald Bay is very popular, with growing numbers of participants. Every weekend, dive boats bring hundreds of divers to the Channel Islands, including Catalina Island. Divers are attracted by the usually good visibility, abundant sea life and interesting underwater topography. Most of the dives result in an amazing experience, but occasionally divers get into trouble. When divers have a problem with compression related illnesses, such as the “bends” or an embolism, they can get treated at the Catalina Island Hyperbaric Chamber located near the Isthmus in Big Fisherman’s Cove.

The Chamber is located in a large building that originally housed a submersible vehicle located near the front of the cove. The Chamber has treated almost 1000 divers since it was started

in the 1970s. The director, Karl Huggins, is an expert in hyperbaric (pressure related) medicine and created the treatment tables that are used. All of the rest of the chamber staff are volunteers who have been trained to operate the chamber in case a treatment is necessary. Some of the volunteers are island residents and the rest are mainland residents who stay at the cove while they are “on call.”

Patients are treated by placing them in the chamber and pressurizing the chamber to various depths. This causes the bubbles of nitrogen that have come out of solution in the patient's blood and are causing problems to shrink. Then the patient is brought back to the “surface” slowly to make sure the bubbles to not re-emerge.

The Chamber shares the cove with the USC Wrigley Marine Science Center. The Wrigley Marine Science Center is a state-of-the-art research and teaching facility that serves students and researchers from USC and other institutions. The facility welcomes visitors and has scheduled tours on Saturday mornings during the summer. Tours of the Hyperbaric Chamber can also be arranged for groups. Big Fisherman’s Cove is located about 2 miles from the Isthmus by road. To arrange for a tour, call (310) 510-0811.

SCUBA divers who are enjoying the amazing underwater experience at Emerald Bay and on Catalina Island can dive with confidence that if they need the help, the Hyperbaric Chamber is a short boat ride away. Remember to dive safely, never hold your breath and monitor your bottom time while on SCUBA to prevent a trip to the Chamber.



The Hyperbaric Chamber at the USC Wrigley Science Center.

## High Tech (from page 1)

Once the Marine Center staff has mastered operating the devices, they will be used to collect data for two projects. The first project is with the National Geographic Explore Project. The ROVs will be used to locate, track and identify Giant Black Sea Bass. They are in a partnership with University of California at Santa Barbara to use software the university developed to help identify the Sea Bass. The second project is to explore deeper reefs around the island to possibly create Deep Water Marine Protected Areas. Both projects will utilize the ROV's cameras and other sensors to collect data.

The Marine Center interns and staff will be the primary operators of the ROVs for now. Scouts participating in the Marine Biology program will be able to observe the ROVs and the data collection process. Director Chan hopes to eventually add

robotics to the camp program and involve Scouts in future data collecting projects involving the ROVs. The ROVs will ensure that the marine biology program at Emerald Bay remains at the forefront of marine research and an exciting option for campers.



The Blue Remotely Operated Vehicle (ROV)



## Reunion (from page 1)

Later on Sunday, Andrew Kilgore, Chairman of the Emerald Bay Association, addressed the assembled group during the annual meeting of the Emerald Bay Association. He reminded the attendees of all of the support the Association has been able to provide because of the generosity of alumni and friends. He said that he was proud of the donations to the Campership program that assists Scouts who might not otherwise be able to go camp.

There was a little time left to take a group picture and then it was time to reluctantly board the charter boat and head back to the mainland. Can't wait for next year's reunion!

## The Chronicle Goes Digital

The Emerald Bay Chronicle is published on paper as well as online. Receiving the Chronicle electronically saves postage costs, handling expenses and you get it in full color. The Chronicle is emailed to members who have an email address on file and also will be available at EmeraldBayAlumni.org.

## Where in Emerald Bay?



What is the name of the point that these Rugged E scouts and their staff are standing on top of? The steep trail that winds to the top is a clue. The trail from camp to the location starts on North Hill and goes by the Brian and Judy Pierce Chapel. Give up? The group is situated on top of Arrow Point, near the cemented-in-place benchmark.



The Flagpole on the Parade Ground

## Calendar of Events

- |            |  |
|------------|--|
| Nov 23     | Bowling at Bowlero                     |
| June 7     | First Camping Session                  |
| August 1-2 | Emerald Bay Alumni Reunion (tentative) |
| August 8   | End of Last Camping Session            |



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*Leeward*

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The recently installed sailing marina is a busy spot in the afternoon. It is near the main pier off of Bayshore Beach.



Greg Walther, the first place finisher in the 2019 Triathlon, receives the winner's plaque from Greg Weinstein.



Scouts are learning how to throw pots during ceramics class in the Handicraft Lodge.



Staff are teaching Scouts how to lash poles together in the Scoutcraft area.