

Aquarium of the Pacific

2017 Annual Report



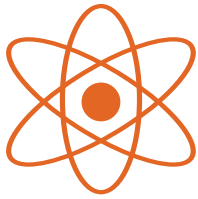
2017 FACTS & FIGURES

EDUCATION



151,010

PARTICIPATED IN AN EDUCATION PROGRAM



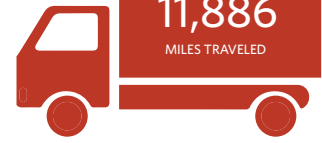
180

STUDENTS INTRODUCED TO SCIENTISTS



28K

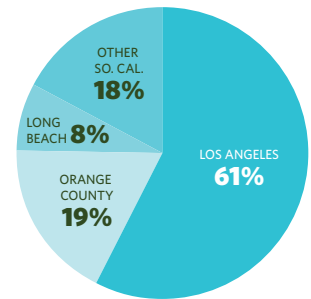
STUDENTS GIVEN FREE ADMISSION THROUGH SCHOLARSHIP PROGRAM



11,886
MILES TRAVELED

STUDENTS REACHED WITH AQUARIUM ON WHEELS

31,391



GEOGRAPHIC BREAKDOWN

VOLUNTEERS

174,833

HOURS CONTRIBUTED



a value of

\$4.98

MILLION DOLLARS

242

VOLUNTEERS

80% of AQUARIUM STAFF IS VOLUNTEERS

COMMUNITY

37K

MEMBER HOUSEHOLDS



4th

MOST VISITED AQUARIUM IN THE NATION



16

CULTURAL EVENTS & FESTIVALS



3,016 ATTENDED AUTISM FAMILIES AND ABILITIES NIGHTS

Message from the Chairman & President



In everything we do at the Aquarium of the Pacific, we aim to promote Natural Capital—nature and nature’s services, by promoting Social Capital—the interactions and relations among peoples. We humans are creative and innovative and have much of the knowledge needed to solve the problems our planet faces, problems that are largely the result of our activities. But obstacles stand in our way—building connections among peoples and finding common ground are keys to overcoming these obstacles. We need to develop portfolios of partial solutions that in the aggregate will serve a dual purpose: creating sustainable cities, food systems, and energy sources to sustainably serve a growing human population while making more room for nature and protecting the services it provides. The Aquarium’s exhibits and programs all touch on this strategy, from our daily animal care and dive shows to films produced in-house and art exhibits we display.

In 2017 people from many sectors with a variety of perspectives contributed their ideas to the forums and lectures we hosted, the Aquatic Academy courses for adults, a new film about taking action on climate change, and our efforts to work with the community to make Long Beach the model of a climate-resilient city.

We also commend the work of the Aquarium’s staff that maintains our facility and exhibits and develops new ones, provides top-of-the-line care for our animals, and helps turn visitors into ocean stewards. Every member of the Aquarium staff plays a key role in creating special experiences for the more than 1.7 million people who visit the aquarium. Many of our aquarists, mammalogists, educators, and volunteers conduct important conservation work on site and in the field. They are on the front lines, working to protect endangered species and their habitats. Read about our abalone propagation program, coral reef restoration, and other critical programs on pages 10 and 11.

Thanks to our dedicated supporters, we have the capacity to extend our educational mission beyond our walls to create a better future for our ocean, our planet, and for all of us.



Jerry R. Schubel
Jerry R. Schubel, Ph.D.
President & CEO



John C. Molina
John C. Molina
Chairman, Board of Directors

Board of Directors

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CFO, interim vice president of development*
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and communications/corporate secretary*

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vice president of husbandry*
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MS. TINA SARTY, *controller*
MS. FAHRIA QADER, *director of Pacific Visions*
MS. NICOLE MEEK, *director of visitor operations*
MR. SEAN DEVEREAUX, *director
of volunteer engagement*

(as of 12/31/17)

Vision

Aquatic Forums

The Aquarium hosted two forums co-sponsored by American Honda Motor Company in 2017. The first forum in February focused on a project called SoCal Oysters run by a group of students at the University of California, Santa Barbara's Bren School of Environmental Science and Management. SoCal Oysters is working to restore coastal areas and wetland habitats by introducing native oysters. The second forum in November, *Sato-Umi in the Anthropocene*, examined a Japanese principle for coastal management and how it might be applied in Southern California.

New Aquarium-Produced Film

The Aquarium's new film *The Time is Now, The Future is Here* debuted in 2017 and uses examples of people of all ages and various backgrounds around the world developing sustainable solutions in the face of a changing climate. It plays daily in the Aquarium's Ocean Theater and is included with admission.

Guest Speaker Series

In 2017 the Aquarium's Guest Speaker Series featured thirty-seven lectures by scientists, authors, and other big thinkers who are working on ideas and research to help create a better future for our planet. Among these were educator Murray Fisher, who spoke about the Billion Oyster Project, his effort to restore native oysters to New York Harbor as a way to improve water quality and engage students in science. Nancy Knowlton from the Smithsonian's National Museum of Natural History discussed her Ocean Optimism Initiative. Urban planner Jonathan Rose shared ideas from his book, *The Well-Tempered City: What Modern Science, Ancient Civilizations, and Human Nature Teach Us About the Future of Urban Life*. And Judith Kildow discussed the "blue economy" movement to change how we treat and think about the ocean.

Aquatic Academy

Aquatic Academy courses bring leading scientists and other experts to the Aquarium to share their latest research. These continuing education courses for adults give attendees the opportunity to participate in the current dialogue on such issues as climate change and its impacts, sustainable seafood, and how human activity affects the ocean and environment. The spring 2017 Aquatic Academy course examined making coastal cities resilient to the impacts of climate change, including sea level rise and coastal flooding. The fall course focused on the connections between the ocean and climate change.

Climate Resilience Programs

The impacts of climate change already being felt in Southern California are predicted to increase in frequency and severity in coming years. The Aquarium is helping residents of Long Beach to prepare for increasing numbers of high-heat days, longer and more intense periods

The Aquarium's new film showcases climate solutions around the world.



These programs go beyond the typical offerings of an aquarium to help connect people to current science and environmental issues.

of drought, rising sea levels and coastal flooding during storms, and poor air quality during hotter, sunnier days. In 2017 Aquarium educators launched a Twitter feed on climate resilience (@resilientLBaop), traveled to community events with an outreach booth, and released new quick reference guides. These efforts are funded in part by grants from the National Science Foundation and the funds from the California Coastal Commission's Whale Tail license plate program.

Accolades

The Aquarium was presented with the 2017 Friend of Child Life Award from Miller Children's and Women's Hospital Long Beach in July. The Aquarium was selected for the award in recognition of the resources it shares with pediatric patients and the services provided to educate the community about marine life, sustainability, and conservation. In May the Aquarium was honored by The Climate Registry (TCR) with a Special Recognition Award as one of its founding members and a participant in Southern California Edison's Cool Planet Project, which is operated in partnership with TCR. The Aquarium, in collaboration with Cortina Productions, won a 2017 MUSE Award from the American Alliance of Museums for a video telling the story of the Aquarium's first major expansion, the Pacific Visions wing.

Outreach programs focus on climate resilience.



Seafood for the Future

Seafood for the Future is dedicated to protecting the environment by using the best available information on the science, management, and technologies for seafood production to promote a sustainable supply of healthful seafood to a growing population while conserving nature, working waterfronts, and local fishing communities.

New Programs

In December the Aquarium's Seafood for the Future (SFF) program and other partners were awarded funding to develop a series of videos, a web-based interactive, and educational content to educate the public about environmentally responsible marine aquaculture. SFF also debuted a new film called *Perspectives on Aquaculture* and an interactive story map online. The story map was developed to provide users an opportunity to explore the different types of marine aquaculture farms, organizations, and projects in the U.S., with an emphasis on California.

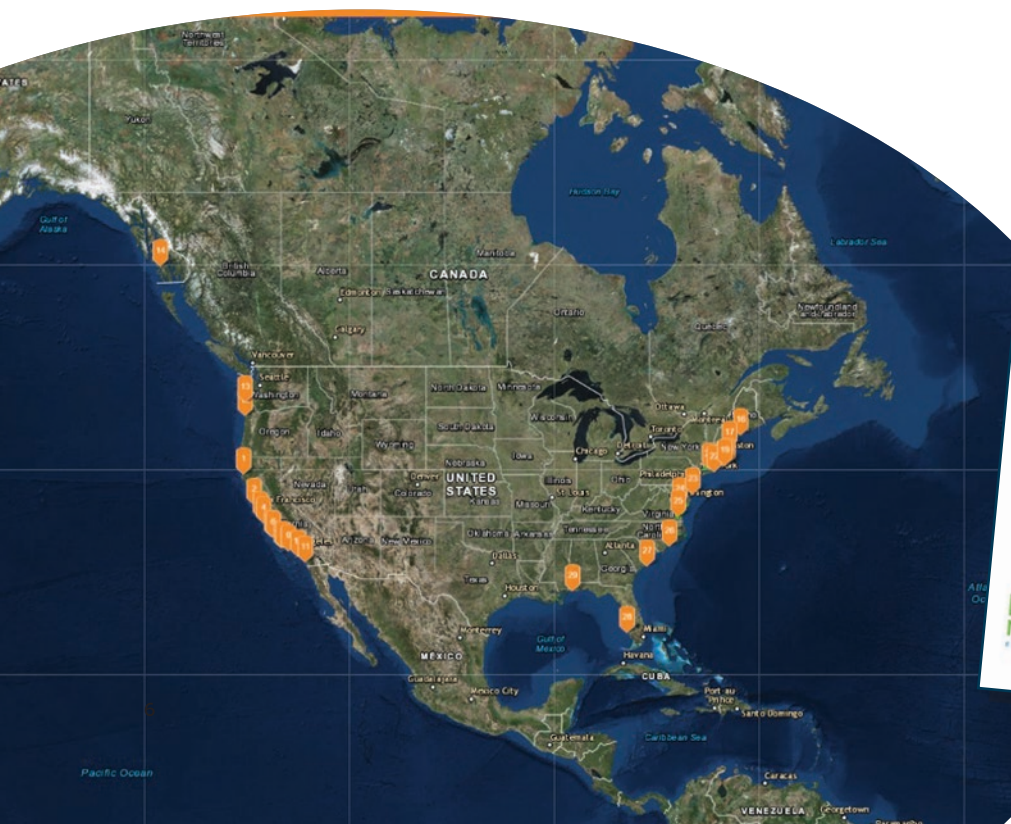
International Leadership

SFF has taken a leadership role in international working groups to address public perception of aquaculture and improve ocean literacy. The Atlantic Ocean Research Alliance, established

by the United States, Canada, and the European Union, launched working groups to determine the current state of efforts to educate the public about marine aquaculture. In 2017 SFF took the lead in the group's effort to conduct a survey to determine who is sharing information about marine aquaculture, the context in which they are doing so, and the channels through which they are disseminating it.

Vaquita Conservation

In February 2017 Pronatura Noroeste A.C. and SFF gathered stakeholders from the U.S. and Mexico who are working on market-based solutions to save the vaquita in the Upper Gulf of California, Mexico. The meeting took place at the National Oceanic and Atmospheric Administration's (NOAA) Southwest Fisheries Science Center in La Jolla, California.



Arts & Culture

The Aquarium offers programming that integrates the visual and performing arts with science to help visitors make emotional connections with the ocean and environmental issues. These offerings provide new insights and approach scientific topics in novel ways.

Cultural Film Screening

In October, the Aquarium hosted a private screening of the Netflix film *First They Killed My Father* and a discussion with the film's Director, Producer, and Co-Screenwriter Angelina Jolie and Co-Screenwriter and Executive Producer Loung Ung. The Aquarium was selected for the event based on its relationship with the Cambodian community in Long Beach.

Climate Science Art Exhibit

An art exhibition called *Weather on Steroids: The Art of Climate Change Science* from the La Jolla Historical Society was displayed in the Aquarium's Great Hall starting in the fall. Visual artists collaborated with climate scientists to create the artwork in this exhibition, which explores the question of consequences, challenges, and opportunities that arise from the changing climate on our planet.

Live Performances

The Aquarium hosted several performing arts events in 2017. The *Musique Sur La Mer* string orchestra performed a concert in June that featured an original composition commissioned by Dennis and Suzanne Poulsen to celebrate the Aquarium's Pacific Visions expansion. Divine Strings presented an evening of meditative traditional Indian

music accompanied by an authentic vegetarian dinner of Indian cuisine. The Long Beach Chorale performed their annual summer concert at the Aquarium with a program celebrating maritime adventure.

Night Dive

The Aquarium's popular Night Dive events attracted thousands of visitors for live bands performing in the Great Hall, DJs playing in the galleries, food trucks on the front plaza, art installations, and science mini-lectures and activities. The Aquarium hosted six Night Dives in 2017, including a monthly summer series and a New Year's Eve Night Dive. Special performances included drag shows, aerialists, live painting and sculpting, and a puppet show. The mini-lectures covered citizen science, ocean acidification, and bioluminescence.

Divine Strings



Ablaze. Marcela Paz Luna Rossel, 2016. Mosaic - mixed media.

Moderator Prach Ly, Loung Ung, and Angelina Jolie answer questions in the Q&A following the film screening.



Exhibits



The Aquarium opened new exhibits and completed renovations in 2017.

New Exhibits

In May the Aquarium opened new exhibits, including *FROGS: Dazzling and Disappearing*, an exhibit tracing the history of amphibians, detailing their life cycles, demonstrating the different environments they live in, from deserts to rainforests, and highlighting the diversity of species and their surprisingly uncertain future. The *Washington Post* covered this exhibit on November 18 in an article highlighting amphibians' threatened future.

The Aquarium's watershed exhibit area was remodeled and reopened as *Our Water Future*, an interactive space to help visitors understand where our water comes from and what conservation issues our supply faces now and in the future. The exhibit redesign was funded by a grant from the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy.

The Aquarium also added an exhibit featuring archerfish on the Harbor Terrace overlooking Rainbow Harbor. The

new exhibit highlights this fish's threatened mangrove habitat and its unique method of capturing prey. Archerfish have the ability to spit a jet of water above the surface to hunt insects and other prey. They are typically found in mangroves and estuaries from India to the Philippines, Australia, and Polynesia.

Seals and Sea Lions Habitat

After four months of extensive renovations, the Seals and Sea Lions Habitat reopened in January. Many changes were made to the exhibit to improve the guest experience and make the exhibit more accommodating for the animals and staff. Improvements include replacement of the large windows and steel framework that face the guest seating area with a single large acrylic window, a new curved window near the Ray Touch Pool that allows staff to bring animals right up close to the guests, removal of some rockwork to create better views of the exhibit from Café Scuba, and the creation of pedestals to provide better views of animal trainers and presenters.



Animals

These new animals arrived at the Aquarium or were born here as part of ongoing breeding programs in 2017.

New Arrivals

A male Magellanic penguin chick named Gatz hatched at the Aquarium in late May. This chick represents the fifth generation of Aquarium-born penguins and is the tenth to hatch here. His parents are Roxy and Floyd. Two baby black-necked stilts hatched in late June in the Aquarium's Shorebird Sanctuary exhibit. This is the first time this species has successfully reproduced at the Aquarium.

A new adult male Magellanic penguin arrived at the Aquarium in spring and entered the public exhibit on March 15. Named Admiral Fancy Pants, he has been dubbed "The Admiral" for short. This penguin was exchanged with another accredited member of the Association of Zoos and Aquariums (AZA) for Newsom, one of the Aquarium of the Pacific's original birds, for breeding purposes.

The Aquarium also welcomed new additions to its program animals, the group of animals and birds that serve as ambassadors in animal meet-and-greet sessions usually held outside the Aquarium's Molina Animal Care Center and in the local community. The new arrivals included a blue-throated macaw and prehensile-tailed skinks.



Conservation

Aquarium staff members participated in important conservation work on site and in the field in 2017.

Phoenix Islands Protected Area

In 2017 the Aquarium joined the board of the Phoenix Islands Protected Area (PIPA), a marine protected area in the island nation of Kiribati and home to one of Earth's last intact oceanic coral archipelago ecosystems. The board's mission is to support and maintain PIPA with advice and guidance from its government and non-governmental organization partners. Aquarium CFO Anthony Brown traveled to Kiribati in December to learn more about PIPA and the challenges it faces, including pollution, poverty, and sea level rise.



part of an Earthwatch expedition focused on shark conservation. Also in January Senior Aquarist Lauren Harper went on an Earthwatch expedition to Playa Grande, Guanacaste, Costa Rica. This expedition partnered with The Leatherback Trust to help with a long-term monitoring project on critically endangered leatherback sea turtles. McCombs and Harper gained valuable field work experience and can now share this knowledge and conservation stories with Aquarium visitors and students.

Vaquita Conservator

AZA administers Saving Animals From Extinction (SAFE) public outreach and education programs for several endangered species. Since 2015 Aquarium Director of Education David Bader has served as the project coordinator for public engagement for the vaquita SAFE program. In 2017 the Aquarium continued its ongoing support of vaquita conservation efforts and served as a resource for other institutions working to educate the public about this endangered porpoise native to the Gulf of California in Baja, Mexico. Bader coordinated with youth associated with the Wildlife Conservation Society to receive vaquita cutouts created by the Aquarium. They held a vaquita parade with the cutouts during the United Nations Ocean Conference in June 2017 and presented one to the presiding president of the UN General Assembly, Peter Thomas. In addition to including information about the vaquita in daily programs for visitors, the Aquarium also participated in social media outreach to promote vaquita conservation, reaching over 20 million users, and garnered attention in the news media, with stories appearing in regional television news broadcasts.

Earthwatch Expeditions

Early in 2017 two Aquarium staff members traveled on expeditions to conduct conservation work in Central America. Aquarium donor Muriel Horacek, who funded the trips, is also a longtime advocate of conservation organization Earthwatch Institute. Aquarium Education Coordinator Erin McCombs traveled to Belize in January as



Aquarium CFO Anthony Brown (right) visited Kiribati in December 2017 and met with Makurita Barro, former Kiribati ambassador to the United States and United Nations.

Abalone Propagation

Members of the Aquarium's husbandry staff continued ongoing research and field conservation activities in support of the white abalone recovery program. The Aquarium's scientific divers worked with National Oceanic and Atmospheric Association (NOAA) divers to perform field surveys to find additional wild white abalone and monitor habitat. In addition, NOAA tested abalone recruitment module designs in the Aquarium's Amber Forest exhibit. These devices are used to protect abalone when they are outplanted in the ocean so they can establish themselves while sheltered from predators.

Plastic Pollution Campaign

The Aquarium joined with eighteen other aquariums across the country to raise awareness about the problem of plastic pollution in the ocean, rivers, lakes, and streams. As part of this campaign, the participating aquariums pledged to eliminate plastic bags and straws at their facilities as of July 10, 2017, and significantly reduce or eliminate plastic beverage bottles by December 2020.

Citizen Science

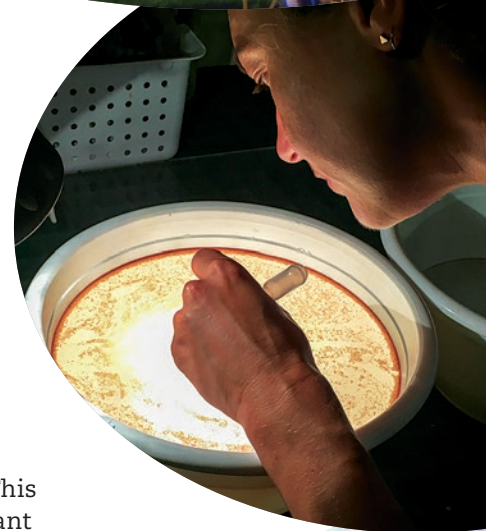
In March the Aquarium hosted its second annual Citizen Science Symposium focused on conservation work in Southern California and held in partnership with the Aquarium's Marine Conservation Research Institute. Mary Ellen Hannibal, author of *Citizen Scientist: Searching for Heroes and Hope in an Age of Extinction*, presented the keynote address.

In addition to its sea turtle, urban forest, harmful algal bloom, and other monitoring projects run by citizen scientists, the Aquarium added new citizen science programs in 2017. These include Global FinPrint, which surveys coral reefs for shark activity, and Operation Healthy Air, a NASA-funded pilot program to monitor temperature, humidity, and ozone levels in Long Beach, Riverside, and Redlands over a five-week period. Also, the Aquarium led a tide pooling bioblitz in which participants counted plants and animals found at a local tide pool area as part of a statewide effort to gather data on marine life.



Coral Reef Restoration

The Aquarium has participated in coral reef restoration activities in Guam with an organization called SECORE (Sexual Coral Reproduction) since 2013. In 2017 Assistant Curator Janet Monday returned to Guam to assist the SECORE team with coral spawning, culturing, and outplanting activities. This work was especially important at this time because of major coral bleaching events that occurred in several locations around the world.



Mariana Avifauna Conservation

In the summer of 2017 Aquarium Mammalogist Katie Finch traveled to Saipan in the Northern Marianas Islands to participate in field work that benefits rare birds. With many bird species facing extinction after the introduction of the non-native brown tree snake, the Mariana Avifauna Conservation program was established in 2004 to create species survival plans for native birds of Saipan, Tinian, and Rota. You can read more about Finch's trip and see photos on the Aquarium's In Focus blog at aquariumofpacific.org/blogs/category/in_focus.



Education

Education programs provide opportunities for people of all ages to engage with ocean science.

Early Childhood Education Workshops

The Aquarium hosted a workshop for twenty-two early childhood education teachers on October 28 and a follow-up session on December 2. These were supported by a donation from the Miller Foundation and partnership with the Mayor's Fund for Education. The half-day session in October provided tools to teach science and create enthusiasm for, comfort with, and understanding of scientific pursuit. The workshops covered ocean and environmental literacy concepts, Aquarium resources, and national Next Generation Science Standards.

Career Connections

In 2017 the Aquarium's Career Connections program connected middle and high school classrooms with scientists via videoconference and developed new videos on careers in science. During a live video chat session, students can ask a scientist questions about his or her experiences, education, and areas of expertise. Connecting scientists with students provides real-life examples of science in action, introduces career opportunities, and helps students learn how science is related to their everyday lives. Grant funding provided by Andeavor (formerly Tesoro) supported six live classroom connections under this Aquarium program in 2017. The Career Connections videos are available at no cost to the public from PBS Learning Media. In 2017 two new video series were produced, focusing on the jobs of plankton scientist and veterinary technician.

Reflecting on Practice

In September the Aquarium's education department hosted a two-day professional development workshop for informal education institutions, including other museums, science agencies, and universities. The Reflecting on Practice workshop was first developed by the University of

California, Berkeley's Lawrence Hall of Science, and the Aquarium was one of the original partner institutions to pilot test these workshops in 2010. The Reflecting on Practice workshops use the latest research in ways of learning and teaching to help educators improve their teaching methods. The institutions participating in this session included the National Park Service's Cabrillo National Monument, the Los Angeles County Natural History Museum, NASA's Jet Propulsion Laboratory, and the University of Southern California's Viterbi School of Engineering. These workshops were funded in part by a grant from the National Science Foundation.

Educator on Expedition

In the summer of 2017 Aquarium educator Katelyn Sullivan was selected as an AltaSea Nautilus Ambassador and sailed aboard the *E/V Nautilus* on an expedition off the California coast. She experienced life aboard a research vessel and saw firsthand how deep-sea exploration and research are conducted. She can now share her experiences with visitors at the Aquarium, helping them connect with science, technology, engineering, and mathematics (STEM) subjects and inspiring students to consider careers in science. The Nautilus Ambassador program is an Ocean Exploration Trust program supported by the Goldhirsh Foundation's My LA2050 Grants Challenge.

Leadership in Education

Aquarium Director of Education David Bader assumed the role of president of the National Marine Educators Association (NMEA) for a year-long term at its annual conference in June 2017. NMEA is a member-based organization of classroom teachers, informal educators, university professors, scientists, and others working together to advance the understanding and protection of freshwater and marine ecosystems.

"I wanted to send a huge thank you to you for sharing information about the Aquarium training for early educators. Our associate center director attended and was ecstatic about the training. She couldn't even wait to tell our program director about it on Monday—she was sending her text messages and pictures about how great it was over the weekend! Additionally, she came back to work on Monday raving about not only how much she learned, but also how much fun she had! So often, early childhood gets overlooked when it comes to science education training and community partnerships, and I really appreciate your advocating for the educators of our youngest constituents and bringing it forward to nonprofits like Long Beach Day Nursery."

—WHITNEY LEATHERS, EXECUTIVE DIRECTOR, LONG BEACH DAY NURSERY

Volunteers

The Aquarium has one of the largest and most diverse volunteer corps in the nation.

Junior Exhibit Guides

The Aquarium's volunteer department launched a new program for middle school students in the second half of 2017. Participants ages eleven to fourteen are paired with an older high school student who has completed one of the Aquarium's youth volunteer programs and mentors the younger student through training. The junior exhibit guides learn marine biology basics and customer service skills to interact with Aquarium visitors and help them learn about the animals and exhibits.

Staff Tribute

The Aquarium said goodbye to three long-serving staff members in 2017.

Student Eco Ambassadors

In June 2017 seven high school students traveled to Ecuador as the Aquarium's second annual cohort of Student Eco Ambassadors (SEA). SEA focuses on conservation ecology and community service with the goal of creating globally conscious citizens. While in Ecuador, the participants studied animals, helped build a school, collected data for citizen science projects, and developed leadership skills. Members of the community they visited shared information on the environmental issues faced in the region, particularly access to clean drinking water. As a result of these experiences, upon returning home the SEA students created a project to raise awareness about water conservation.



CORINNE MONROE passed away in August after serving as a charter volunteer at the Aquarium for more than twenty years. Previously a medical technologist and administrator, she helped staff the Aquarium Preview Center on Pine Avenue before the public opening, then later served as a volunteer in the education and marketing departments and in the president's office. She was one of the contributors to the Aquarium's offsite program bringing science to the public and wrote the species profiles in the Aquarium's Online Learning Center and many of the Aquarium's exhibit signs.



LAURETTA BYRD passed away in September, having been a part of the Aquarium family since 2005. She worked in the retail, guest services, and education departments. She was also an actor in the Aquarium's theatrical presentation department and volunteered with husbandry and marketing. She was an official reader for the Urban Ocean Poetry Contest for eight years and the 'face of the Green Team' at the Aquarium encouraging the staff to recycle. She also served on the Aquarium 101 team for new recruits, training newcomers on the Aquarium's service excellence program.



BILL MILLER, a longtime volunteer in the education department who most recently served as Monday afternoon day captain, passed away in December. For the last five years, Miller was an instructor for the monthly Aquarium 101 orientation class, welcoming new volunteers into the program. He was an Aquarium volunteer for a total of eleven years and previously enjoyed a successful career as a realtor.

These staff members made lasting contributions to our institution and will be greatly missed.



Pacific Visions

The Pacific Visions wing, the largest expansion in the Aquarium's history, will open to the public in spring 2019. For details, visit pacificvisions.org.



Pacific Visions construction began and new donor support was received in 2017.

Construction Update

A groundbreaking ceremony was held and construction on the Aquarium's expansion, Pacific Visions, began in spring. Clark Construction began preparation of the site with compaction grouting to stabilize the soil. A construction wall was built inside the Aquarium's entrance to separate the site from the Aquarium's interior. Two air handlers for the new wing were delivered

by crane, and a new sewer line was installed. The concrete slab for the new wing was poured in November, and the placement of structural steel began in December. Also in November a large-scale mock-up of the glass façade was delivered to show what the glass panels will look like when installed. Pacific Visions will open to the public in spring 2019.

2017 Pacific Visions Donors

W.M. KECK FOUNDATION

The W.M. Keck Foundation contributed \$200,000 to Pacific Visions to fund new education modules and videos that will be components of the new wing's STEM education offerings. According to the private family foundation, their aim is to generate far-reaching benefits to humanity through their partnership with Pacific Visions. "The foundation's support is vital to the success of Pacific Visions, and the Aquarium is thrilled to be working on the science education components with them," said Ryan Ashton, Aquarium director of development.

grateful for their donation and look forward to their partnership for many years to come," said Anthony Brown, Aquarium chief financial officer and interim vice president of development.

MARK PAULLIN

In 2017 Aquarium Board Director Mark Paullin contributed to the Pacific Visions campaign with multiple gifts totaling \$95,000. Paullin has been an Aquarium member since 2003 at the Pacific Circle level and a member of the Board of Directors since 2015.

FARMERS & MERCHANTS BANK

Farmers and Merchants Bank joined the Aquarium's Pacific Visions campaign in 2017 with a contribution of \$100,000. The company has supported philanthropic pursuits in the Long Beach community and beyond. "F&M has been providing outstanding financial services to the Aquarium for many years, and we are extremely

AQUARIUM VISITORS AND MEMBERS

In 2017 Aquarium visitors and members raised over \$35,000 toward the Pacific Visions campaign. Some gifts came in the form of an extra dollar or two at the ticket window or a donation at one of the kiosks, and many responded to the Aquarium's two fundraising campaigns encouraging their support.



Major Donors

The mission-driven programs mentioned throughout this annual report are made possible largely through contributions from individuals, foundations, corporations, and government partners. The Aquarium deeply appreciates and thanks the donors recognized here for their gifts and pledges.

1,000,000 +

City of Long Beach

200,000 +

W.M. Keck Foundation *
Lakeside Foundation *

100,000 +

Farmers & Merchants Bank *
Henry and Paulette Matson *
Mark Paullin * Δ
Windsong Trust

50,000 +

BCM Foundation
Edison International *
Johnson Family Fund *
Long Beach Water Department *
The Miller Foundation *
Jerry R. and Margaret
H. Schubel * Δ
Betty White Ludden Δ

25,000 +

Bank of America *
Johnny Carson Foundation
Esther S. M. Chui Chao * Δ
John W. Hancock Foundation *
Cindy L. Matsumoto and Gary
Y. Matsumoto, Ed.D. * Δ
John C. Molina Δ
The Rudolph J. & Daphne
A. Munzer Foundation
National Oceanic and
Atmospheric Administration
(NOAA), U.S. Department
of Commerce
Ralph and Hazel Osborn and
Lois J. Rook Charitable Trust *
San Gabriel and Lower
Los Angeles Rivers and
Mountains Conservancy *
Union Pacific Railroad *
University of California,
San Diego *

10,000 +

American Honda Motor Co., Inc.
Anonymous
The Boeing Company
David and Kathryn Cohen
Confidence Foundation
Dr. Dominic and Margaret
DeCristofaro * Δ
Disney VoluntEARS
Community Fund *
Kathleen Eckert * Δ
Fluor Foundation *
Georg Fischer Piping
Systems * □
James and Barbara Ghormley * Δ
Allen and Charlotte Ginsburg
Gary Grimm and Linda
Dakin-Grimm Δ
Bob and Jennifer Hagle * Δ
Phil Herrington * Δ
Russ and Avalon Hill * Δ
Valerie and Bob Hoffman * Δ
HSBC Bank USA, N.A. □
The Ken and Debbie
Johnson Foundation *

King's Seafood Company Δ
Corinne and Rocky Laverty * Δ
The Thomas and Dorothy
Leavey Foundation *
Bert Levy Δ
LGA Family Foundation *
Macy's □
Mario and Therese Molina Δ
National Endowment
for the Arts
National Marine Sanctuary
Foundation
The New L Family Fund *
Kenneth T. and Eileen L.
Norris Foundation
Susann H. Norton * Δ
Stephen and Brenda Olson
Douglas Otto and Freda
Hinsche Otto Δ
The Peck Family Δ
Port of Long Beach *
PREMIER
The Reinhold Foundation *
SeaRiver Maritime, Inc. *
Secure Transportation * □
Ned Solot and Corrin Yep *
Michael and Mildred
Sondermann Δ
Dwight Stuart Youth Fund *
Don Temple Family
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Don Tippett *
Tom Turney and Jill Boivin * Δ
Union Bank Foundation
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Whitney Young Children's
Foundation

5,000 +

Anonymous Δ
Evalyn M. Bauer Foundation
Begin Today For Tomorrow
Barbara Bixby Blackwell * Δ
California Resources
Corporation □
Carnival Foundation
Cemrock Landscapes □
Frank and Lisa Chapman *
Silvio and Dawn Chianese * Δ
Cigna Health and Life
Insurance Company *
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Environmental Division
Colorvision International Inc.
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Ivolou R. Corston * Δ
The Foundation of the Family
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Norman and Diane Delaterre * Δ
Gordon and Susan DesCombes
Family Charitable Fund,
a Donor Advised Fund of
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Harbor Breeze Corp
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John and Joan Knight
Long Beach Area Convention
& Visitors Bureau
Majestic Realty Foundation *
Leslie and Charlotte Moore
Memorial Foundation *
Kathie Nirschl * Δ
Alex and Margie Norman * Δ
Northrop Grumman
Corporation *
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Pepsi Beverages Company
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Guadalupe Padilla-Robb Δ
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of Long Beach
UPS Foundation *
Wells Fargo
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2,500 +

ABS Foundation, Inc.
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Terrance Hodel * Δ
Steven and Sheri Altieri Δ
Raymond and Barbara
Alpert Foundation
The Amgen Foundation *
Anonymous * Δ (3)
Anonymous Δ
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Sandra Smart-Ashburn Δ
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Anthony Pichardo * Δ
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Mark S. Bertrand and
Robert K. Stanton
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Barbara L. Boswell Δ
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Barbara A. Pollack and
John A. Burkholder Δ
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Charitable Foundation *
William and Katherine
Chambers Δ
Daniel Chan Δ
Chevron Texaco Matching
Gift Program *

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Coast Commercial Painting * □
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Foundation *
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Margaret Durbin Δ
Viktoria Engel Tyer and
Emily Engel * Δ
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Raymond and Jennifer Fas Δ
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Sharon L. Heritage * Δ
James and Sheila Schlee * Δ
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Paul Stelling * Δ
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 Scott Sweetow and Lisa Green-Sweetow Δ
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 University of California, Los Angeles *
 Robert and Maureen Watts * Δ
 Winnick Family Foundation *
 Woodbridge Glass, Inc. *
 Denise Wynn * Δ
 Patrice Zamenhof Δ
 Steven H. Zieg *

1,000 +

George and Sara Abdo Δ
 Amy and Bob Abramson *
 Andeavor Foundation Inc. *
 Anonymous *
 Anonymous Δ (3)
 Art Center College of Design *
 William Artigliere and Cara Crownover Δ
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 Michael Broida and Elaine Lasnik-Broida
 Anthony Brown * Δ
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 Stephanie Buonopane *
 Ronald Burch * Δ
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 Karen Conmy and Lori Sherrill Δ
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 Gary and Dawna DeLong * Δ
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 Paul J. Duhamel *
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 Timothy and Jennifer Glugosh * Δ
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 Jim and Gail Gray Δ
 Peter and Elizabeth Haaker * Δ
 James C. and Jorene Hankla Δ
 Gerard Hanley and Donna Chinn * Δ
 Claudia Harden *
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 Madeline and Donald Heimark Δ
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 Laura Davies Mateo * Δ
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 Tamara and Chandler White Δ
 Patricia Williams * Δ
 Cristine Wolf Δ
 Tommy K. Wong *
 Jim and Kathy York *
 Leah C. Young Δ

CORPORATE SPONSORS

Southern California Honda Dealers Association
 HCP, Inc.
 Swedish Fish

* These donors have increased their giving in 2017. | Δ Pacific Circle member | □ Corporate Circle member

Please note that pledges are recognized in the year in which they are received.



NAUTILUS SOCIETY (as of 12/31/17)

The Nautilus Society honors those generous individuals who support the Aquarium of the Pacific through a planned gift. Including the Aquarium in one's financial planning demonstrates an extraordinary commitment to our institution that provides long-term financial support.

Dr. Mary Jane Adams	Ron Garret	Sarah Kaleel	Laura Moses
Anonymous (2)	Jim and Gail Gray	The Estate of David	Kathie Nirschl
The Jeanne M. Brodeur Estate	Dianne B. Gugel	H. Kiesling	Jeanne B. Sleeper
Esther S. M. Chui Chao	Janice Harvey Frank	R.J. Kurtz	Shelly Stratton
Christopher Conway	Valerie and Bob Hoffman	Bonita Landsberg	William Waterhouse
Ivolou R. Corston	Christopher Hogan	Trish and Don Lange	and Barbara Long
Theresa Duncan	Ghislaine Iliff	Bert Levy	Martha Jane Workman
		Louis C. Mirabile Estate	

Major Donors

Fundraising by the Numbers in 2017



37K | Aquarium of the Pacific member households



\$4.5M | raised to support conservation efforts, educational programs, and care for our animals



4,302 | employees from our 17 corporate partners visited during our corporate free weeks in the fall



44 | foundations, corporations, and government agencies supported our education initiatives for students and teachers



\$463K | raised at our annual Blue Whale Gala and fourteenth annual Sea Fare to support the Aquarium's education, conservation, and animal care programs



2 | Ocean Conservation Award recipients were honored, Dr. Marcia McNutt and Dr. Peter Kareiva



\$600K | raised by Pacific Circle members



40+ | donors adopted a penguin chick at the \$100 level so they could submit a name for our newest penguin, Gatz

IN KIND DONORS

The following contributors donated goods or services valued at \$1,000 or more to the Aquarium in 2017:

Age of Aquariums
 American Honda Motor Co., Inc.
 Anonymous
 The Attic
 Mr. and Mrs. Alvin Bartholomew
 Belmont El Encanto, Santa Barbara
 Bluewater Grill
 The Boeing Company
 Bradford Renaissance Portraits
 Bubba Gump Shrimp Co
 Buono's Authentic Pizzeria
 Carnival Foundation
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 Kincaid's Bay House
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 Laugh Factory - Long Beach
 Stan and Sharon Levey
 L'Opera
 Nautilus Tropical Fish
 Dr. Anna Newman Taylor, Department of Neurobiology,
 David Geffen School of Medicine, UCLA
 Douglas Otto and Freda Hinsche Otto
 The Pan
 Paradise Taveuni - Fiji
 Parkers' Lighthouse
 PREMIER
 Resort at Squaw Creek
 Rowley Portraiture
 simply sweet cakery
 SIP Lounge at the Renaissance Long Beach
 SlapFish
 Jeanne B. Sleeper
 Smog City Brewing
 St. George's Caye Resort
 Staples Center
 SWEET! Hollywood
 Taste wine-beer-kitchen
 Temecula Olive Oil Company
 Toyota Grand Prix of Long Beach
 Viking River Cruises

IN MEMORY OF

Friends and family donated thoughtful gifts in memory of their loved ones, recognizing their love for the ocean and support of the Aquarium. All of us at the Aquarium extend our deepest sympathies to the family and friends of:

Robert Autrey
 Irva Browne
 Lauretta Byrd
 Eric J. Davis
 Ella Fitzgerald
 Dorothy J. Frank
 Michelle Gooden
 Alissa Head
 Alice and Elizabeth Henderson
 Scooter Hong
 Laverne and Manual Jacobs
 Mom, Dad and Sam Jelalian
 Marty Kerr, True Blue Thursday Crew!
 Bill and Perle Krammer
 Katrina Martens
 Milo the sea lion
 Corinne H. Monroe
 Patrick Smith
 Lynn Walker
 Charles "Chuck" Warden
 Aleen Warden
 Connie K. Wong

IN HONOR OF

To commemorate a special occasion, milestone, or birthday, donations can be made to the Aquarium of the Pacific. The following individuals were honored in 2017:

Claire Akashi
 Tino and Martha Bernadette
 Nicholas Carasso
 Raisa Dobbs
 Kathleen Eckert
 Emily's math question and linear algebra grade
 Dave Foster
 Jennifer Hagle
 Corinne Holzer
 Ghislaine Iliff
 Meg King
 Carly Krantz
 Virginia McCallum
 Steven Ritchie, Life Support Supervisor
 Jerry R. Schubel
 Rick Schwerin's Retirement!!
 Seals everywhere
 Marlow Selco
 Coby Skye's Birthday
 Mike Sondermann
 Susan's Career Change
 Jeanne Williams, an Aquarium volunteer!
 Carrie Wolski

Administration & Financial Results

TRUSTEES OF THE PACIFIC (as of 12/31/17)

A special thanks to the following Trustees of the Pacific. Trustees are donors who also volunteer their time and expertise in support of the Aquarium's mission and vision.

Lance and Fay Adams	Corinne and Rocky Laverty
Martha and Faustino Bernadett	Andrew Maldonado and Lewis Shiro
Mark S. Bertrand and Robert K. Stanton	Glen March
Barbara Bixby Blackwell	Jan Mazyck
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Esther S. M. Chui Chao	Josephine Molina and Heather Rudy
Jose and Brigitte Collazo	Michelle Molina
Steve and Fran Conley	Charles J. Moore
Dr. Dominic and Margaret DeCristofaro	William and Kathleen Mudd
Gary and Dawna DeLong	Margie and Frank Newell
Steve and Pilar Dobbs	Alex and Margie Norman
John and Vickie Dupuy	Beverly O'Neill
Edwin and Maryann Feo	John F. Penny and Christopher Kurimoto
John Fielder and Donita Van Horik	Andy Perez and Gabriela Perez
Walt and Linda Florie Geof Garth	Teresa Phillips
Daniel and Felicia Gilboa	Dennis C. and Suzanne M. Poulsen
Dr. Allen and Charlotte Ginsburg	Veronica Quintero
Robert Gordon	Heidi and Rod Roddenberry
John and Elizabeth Hancock	Mary C. Rooney
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Trinidad and Maria Jimenez	Jeanne B. Sleeper
James Kang and Julie Stevens-Kang	Kyle L. Sullivan
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Suzanne Kelley	Bryan T. Thacker
Don and Julie Knabe	Kenneth Walker
John and Joan Knight	John and Patricia Wang
	William Waterhouse and Barbara Long
	Charles and Maureen Wilmot
	Justin Wong
	Denise Wynn

MARINE CONSERVATION RESEARCH INSTITUTE BOARD OF DIRECTORS (as of 12/31/17)

Wolfgang "Wolf" Berger, a member of the MCRI Board since 2003, passed away in August 2017 at the age of 79. Berger was an oceanographer, professor, and former interim director at the Scripps Institution of Oceanography.

Dr. Laurel Harrison Breece	Ms. Caron Laird, secretary
Mr. Dirk Burcham	Ms. Corinne Laverty, co-chair
Dr. John Dorsey	Dr. Richard Pieper
Dr. James Fawcett	Dr. Jerry Schubel
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Dr. Laura Kingsford	

FINANCIAL OVERVIEW

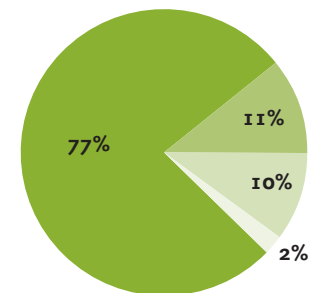
In 2017 the Aquarium enjoyed another year of strong attendance, with more than 1.7 million visitors. Total revenues ended at \$42.3 million, which was down by \$13 million from 2016. This variance was attributable to the timing of Pacific Visions campaign contributions. Earned revenue sources included admission, gift store, educational programs, and food services sales. Ancillary income rose by 3 percent over 2016.

Total expenses ended at \$37.7 million and comprised Programs and Marketing (81%), Administration (13%), and Development and Membership (6%). The total change in net assets was \$4.6 million, which increased net assets at the end of the year to \$54.8 million. Total assets listed on the balance sheet were \$61.6 million and included more than \$6.8 million net addition as a result of the Aquarium breaking ground on Pacific Visions, a \$53 million expansion to the existing facility.

REVENUES AND EXPENSES (in 000s)

	2017	2016
REVENUE		
Earned Revenue	\$32,692	\$31,618
Membership	4,588	4,585
Government	1,000	2,931
Contributions	4,039	16,504
TOTAL REVENUE	42,319	55,638
EXPENSES		
Programs and Marketing	30,393	29,332
Development and Membership	2,356	2,398
Administration	4,950	6,621
TOTAL EXPENSES	37,700	38,351
Change in Net Assets	4,619	17,287
Net Assets at Beginning of Year	50,169	32,883
NET ASSETS AT END OF THE YEAR	\$54,789	\$50,169

REVENUE

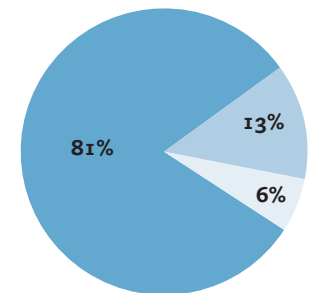


- Earned Revenue | 77%
- Membership | 11%
- Contributions | 10%
- Government | 2%

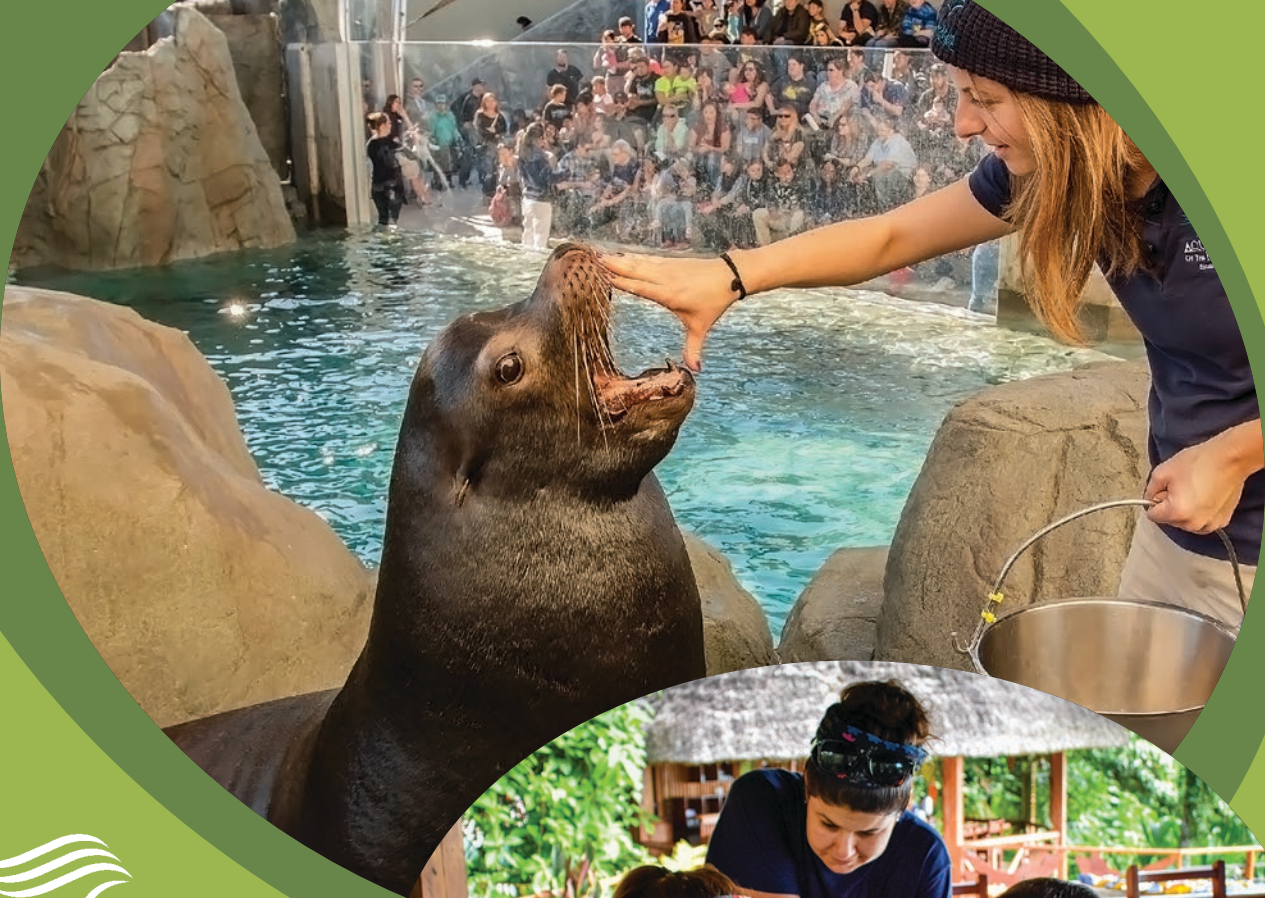
BALANCE SHEET (in 000s)

	2017	2016
ASSETS		
Cash and Cash Equivalents	\$21,016	\$17,531
Accounts Receivable	1,160	956
Contributions Receivable	5,677	11,807
Prepaid Expenses	572	354
Gift Store Inventory	520	570
Property and Equipment, Net	32,670	25,417
TOTAL ASSETS	61,615	56,635
LIABILITIES		
Accounts Payable	2,395	2,068
Accrued Liabilities	1,551	1,453
Deferred Revenue	2,880	2,945
TOTAL LIABILITIES	6,825	6,465
Unrestricted	19,967	17,735
Temporarily Restricted	34,324	31,936
Permanently Restricted	498	498
TOTAL NET ASSETS	\$54,790	\$50,169
TOTAL LIABILITIES AND NET ASSETS	\$61,615	\$56,635

EXPENSES



- Programs & Marketing | 81%
- Administration | 13%
- Development & Membership | 6%



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