



IMAGINE...
Building the Future Together!

2013 Annual Report

Message from Our Chair



Dear Friends & Supporters,

I began as a volunteer of Ocean Discovery Institute when the organization was first developed 14 years ago. I imagined I would help to throw a small friend-raiser at a local bar, and that would be the extent of my involvement. I guess I was wrong – but in the best possible way! I quickly grew to become a passionate supporter, making this organization and its work, my highest priority.

For this I am very grateful. The past 14 years has afforded me the opportunity to be part of what I consider real magic.

From our more than humble beginnings at a make-shift lab space in a bayside kayak closet, children emerged passionate about science and serious about tackling any environmental problem. Add in the belief and investment of donors, volunteers, scientists, families, and the students, and you get world-class programming, and students achieving at unprecedented rates.

Fast-forward to this year, where I found myself seated at the annual gala with, Former Vice President Al Gore on one side, and one of our emerging young science leaders on the other. This young person is obtaining his engineering degree at UC Berkeley. He will contribute to solutions for the challenges that Al Gore has brought to the forefront of our nation's priorities. This student will be the first in his family to graduate from college, but he will not be the last.

These students succeed because of opportunities provided through committed people, unyielding belief, and a powerful organizational culture that you and I are part of – engaging and empowering young people at the forefront, trust, entrepreneurial spirit, proactive support, passionate innovators, high expectations, commitment, and a collaborative, dynamic, feeling of family.

As we prepare for the coming year, look to opening a state-of-the-art facility that will quadruple the number of students engaged, and explore reaching students across the nation, I find myself asking, “How will we evolve as an organization? Who do I need to be to support this change?”

I need to be and am committed to doing more – as a volunteer, as a monthly contributor, and as a donor. I hope you'll consider doing the same.”

Sean Caddell
Board Chair



*Above: Former Vice President, Al Gore, with Ocean Leaders
at the 2013 annual "Bubble Up!" Gala.*

GIVE OPPORTUNITY

Ocean Discovery Institute relies on the generosity of investors whose contributions ensure impactful programming now and into the future. Investors include national and local foundations, government agencies, corporations, and dedicated individuals that are empowering young people to become scientific leaders.



It Only Took One Person To Start An Entire Visionary Community!

“Tell us what you would do if you had a million dollars?” As a student volunteer at the Turtle Back Zoo in New Jersey, I found myself the highlight of a news story focused on the “touch and feel” aquarium I developed. In one surreal moment during the interview, I looked to my left at the sophisticated journalist with not even a hair out of place; then to my right at my Zoo favorites, Butch and Buster, two Siberian tigers hungrily eyeing the llamas across the way. It was an interesting position to be in, to say the least. As I came back down to earth, the words flew out of my mouth, “I would create a learning center where young people learn how to respect the environment.”

Fast-forward to 2011 when I met Ocean Discovery. Working for the National Oceanic and Atmospheric Administration at the time, I was invited to their offices to participate in a workshop around the development of the Living Lab. The moment I crossed the threshold I was overcome by the inviting atmosphere. Hand shaking, warm smiles, the sensation of being at a field station – the energy and excitement was palpable and I felt immediately connected to a community of kindred spirited folks who empowered young people to make a difference.

It didn’t take long, and I was hooked. As Deputy Director of Washington College’s Center for Environment and Society, I understand the need for leaders to discover solutions for today’s and tomorrow’s pressing challenges, and I believe that these young people are those leaders. Through a couple of clicks on a website I was able to set up monthly donations that have made me part of a new community at Ocean Discovery – the Visionary Community. This community allows people like you and me to give opportunity, to band together, and to make collective impact.

I am excited for the future, and as I think to my past, standing in front of a camera crew, I can tell you one thing; If I were asked the same question today, I would cite “Ocean Discovery” as the example of a group achieving my early dream. I am proud to be part of something so extraordinary.



By: **Doug Levin,**
First-ever Visionary Community Member

GIVE OPPORTUNITY!

To make collective impact through monthly contributions,
visit our website at OceanDiscoveryInstitute.org/donate.

Our Work

Ocean Discovery Institute uses science to engage young people from urban and diverse backgrounds and empowers them to transform their lives, their community, and ultimately our world as scientific and environmental leaders.

Our model integrates **scientific research, education, and environmental stewardship**, empowering young people to become tomorrow's decision makers and workforce and strengthen the future of our region, state, and nation.

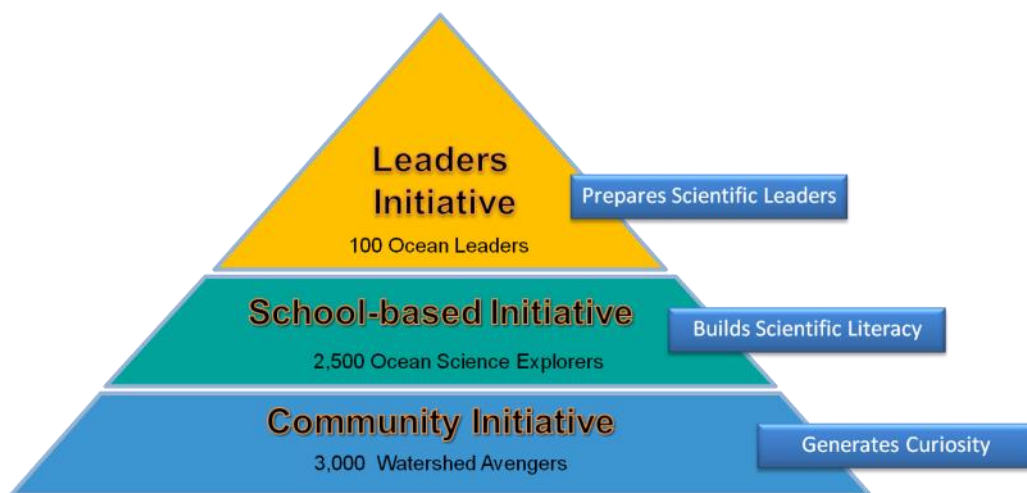


Figure: Ocean Discovery Institute implements our model in one community, City Heights, using a strategy that offers three levels of initiatives to engage an entire community in science.

Collectively, we see significant impacts including:



- Science test scores
- Participation in science and conservation
- College attendance
- Pursuit of science and conservation degrees

A close-up photograph of two young boys of South Asian descent. The boy in the foreground is in sharp focus, looking intently at a laptop screen. He has dark hair and is wearing a light blue t-shirt with a colorful graphic that includes the words "I'm a" and "Carver". His hand is resting on the laptop keyboard. The boy in the background is slightly out of focus, also looking at the screen. He is wearing a dark blue t-shirt with a white graphic. The text "ENGAGE", "EDUCATE", and "INSPIRE" is overlaid in white serif font on the left side of the image.

ENGAGE
EDUCATE
INSPIRE

Community Initiative

The Community Initiative generates curiosity and engages thousands of young people, families, and community members in hands-on science and conservation projects.

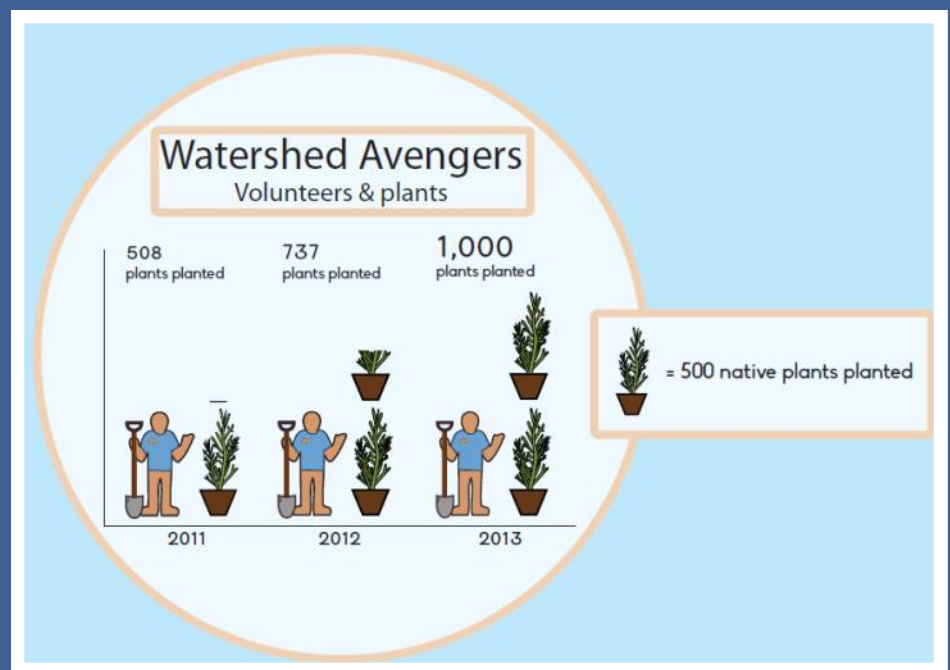
Known as *Watershed Avengers*, this initiative provides opportunities for young people to transform local canyons into safe and healthy environments.

2013 Highlights

80% of participants were young people.

70% of participants were from the local community.

114 volunteers played leadership roles throughout the year.



GIVE YOUR TIME & EXPERTISE!

To make a difference as a volunteer, visit our website at
OceanDiscoveryInstitute.org/get-involved/.



Above: Parent volunteers preparing healthy snacks for hard volunteers restoring Swan Canyon.

Family Members Join Forces to Get Involved ... and Get Dirty!

As a mother of two sons, I am no stranger to the sound of our front door slamming shut and my boys practically tripping over themselves to get to the kitchen. Just as familiar, is the sight of my sons covered in dirt and sweat – after all, they are teenagers! There is however, one day that stands out in my mind. “Mom, I’m home!” my oldest son Jordi yelled. As I lifted my head, expecting to see my boy, I saw an almost unrecognizable young man standing in my kitchen. Shoes covered in caked on mud; fingernails filled with dirt. “Jordi?” I asked out loud. He responded with simply a smile from ear to ear – yes, that was definitely my son.

Before I could get a word in, Jordi was telling me about his experience restoring canyons, making a difference, and having a ball doing it. “Mom you HAVE to come to the next one. Will you?” My boys have always been involved in different programs, but we had never joined in as a family. Seeing Jordi’s excitement was contagious. How could I say no to an opportunity to spend time with my family and better my community? So that was that, and we were going to the next event to get our hands dirty together.

When we arrived (by “we” I do mean the whole family), at Swan Canyon I was immediately transported to a time when I was a young girl exploring the countryside of Mexico. When I left the farm I grew up on, and life took over, I somehow lost that connection to nature. “More water! Dig deeper! Bring the plant here!” I was abruptly brought back to the here and the now, hearing the shouts of my husband and my boys as they could literally not contain their excitement.”

At the end of the day, we stood in the middle of the canyon, hands on hips, proud, and looking at the difference we had made. I have lived in City Heights for 21 years now, and it was at that moment that I knew my family had found our own way of connecting to nature and to bettering our community. Today, we come to every event. We ask, “What can we do to help?” We know that by the end of those days, the entire family will head home, shoes caked in mud and fingernails filled with dirt.”



By: Blanca Cruz,
Ocean Leader parent and longtime volunteer

School-based Initiative

Ocean Science Explorers, the School-based Initiative, provides hands-on classroom and field-based science education to every public school 3rd – 6th grade student in the community & professional development to their teachers.

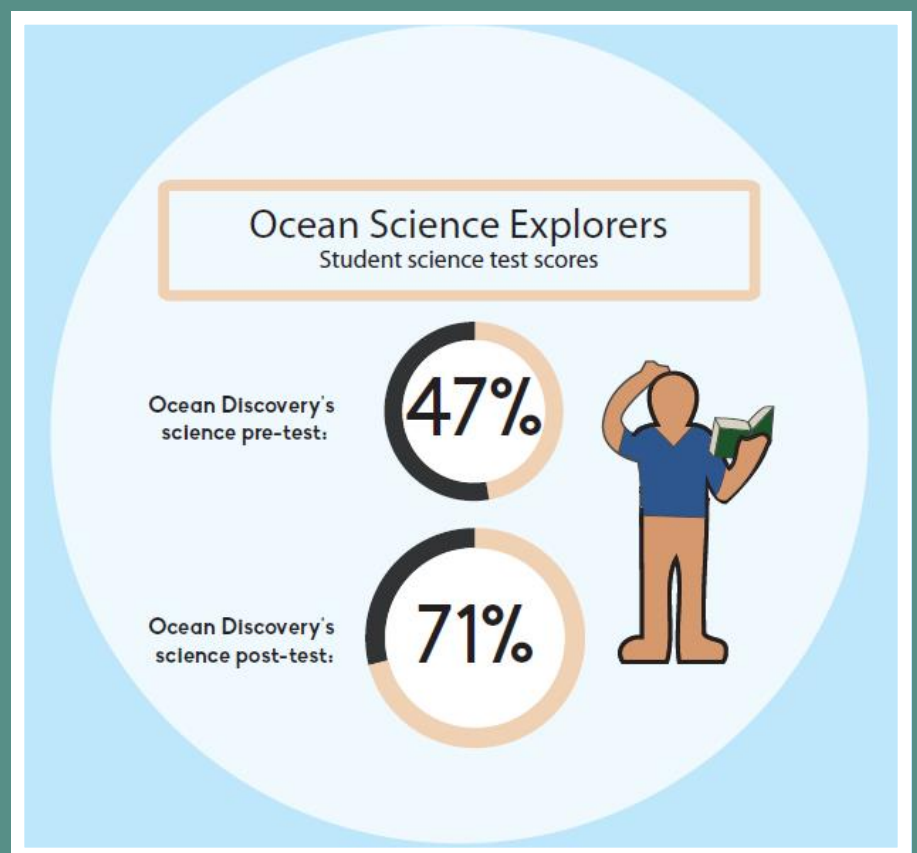
Ocean Science Explorers builds scientific literacy by engaging young people for four consecutive years, beginning in third grade when their natural curiosity for science is high.

2013 Highlights

3,280 students and 126 teachers at all 13 City Heights schools participated.

25% of students increased their ability to think critically about science concepts.

Participating schools had 8% more students score at, or above, proficient on science tests than at similar schools.



GIVE YOUR TIME & EXPERTISE!

To make a difference as a volunteer,
visit our website at OceanDiscoveryInstitute.org/get-involved/.

Below: Ocean Science Explorer students participate in a “Draw A Scientist” test. As depicted in the images below, students’ perceptions of what it means to be a scientist are transforming.



Pre-test depicting the stereotypical “Mad Scientist” image where the scientist is all alone in a sterile environment.



Post-test depicting 3 scientists exploring the natural world together. In this image, the student has now labeled herself a scientist!

Scientists Leave Students Speechless!

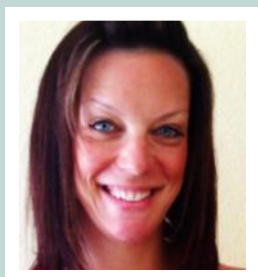
My 6th graders have been scientists for months but today, they get the opportunity to cluster around one biologist and strut their stuff as practicing scientists! Our volunteer STEM speaker for the day is standing in front of these young people, telling the story of his own experience - creating oil from algae. These young people are captivated.

My students can barely contain themselves, yet they sit down. They're hushed – almost speechless. They're focused and ready to soak up this knowledge like sponges – well, sea sponges to be exact. As I watch this scene unfold from the back of my classroom, I can't help but think to myself, “Is this really my class?” The answer is yes. These are my students, but they are focusing in a way that I've never seen.

“What if we run out of algae?” one student inquires with a look of sincere worry on his face. Our biologist reassures the entire group that there isn't a need to worry. Algae is always growing. We won't run out.

The students sit back almost in unison, as if a great weight has been lifted off their shoulders. As our speaker continues, I can almost see the neurons in their brains firing a mile a minute as they ponder whether or not algae can be used to solve other problems. He answers every question; eases every fear. But as the conversation turns to college, to the classes you have to take to become a biologist, I can see that we have more than just a fun experiment with algae on our hands.

As the dialogue comes near its end, our scientist drops a bomb. He explains to the students that in his job, he gets to learn EVERYDAY. You could hear a pin drop in the room. Yes this lesson was about science, but this scientist gave these students more than just facts about algae. He gave them the opportunity to envision themselves as scientists – scientists who get to learn, everyday.



By: Ms. Johnson,
6th grade teacher at Monroe Clark Middle School

Leaders Initiative

The Leaders Initiative prepares scientific leaders by providing a pathway from middle school through college and on to careers in science and conservation.

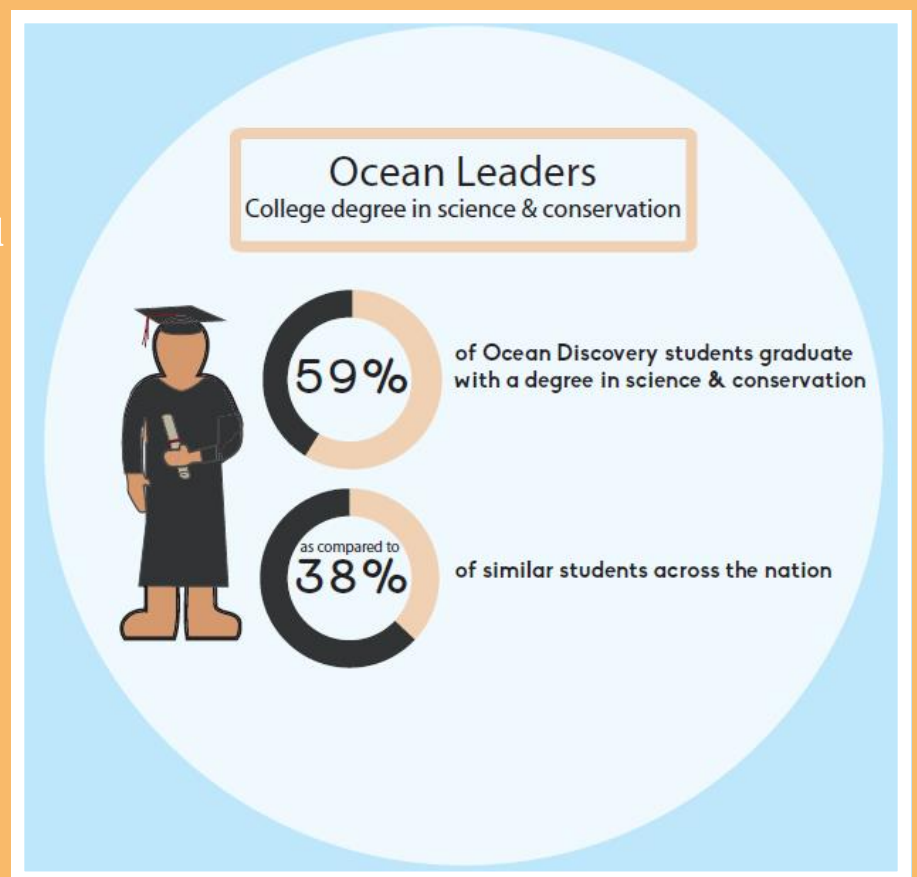
This initiative, *Ocean Leaders*, provides a series of interconnected after-school and summer programs that serve as building blocks to develop students' scientific knowledge and provide academic and college coaching, as well as career exploration.

2013 Highlights

57% of middle school participants are high school ready as compared to 24% of their peers.

High school participants demonstrate a 3.19 science GPA as compared to a 2.18 science GPA amongst their peers.

66% of participants score at, or above, proficient on state science assessments as compared to 35% of their peers.



GIVE SCIENCE EXPERIENCES!

To make transformative impact with your donation, visit our website at OceanDiscoveryInstitute.org/get-involved/donate.



Above: Ocean Leaders processing fish DNA using electrophoresis with SDSU graduate students at the Shiley Bio Science Center.

2020 Science Workforce Propelled by Ocean Leaders!

Imagine discovering one of life's secrets. Remember that first time you figured something out or experienced a life event for the first time? Each Saturday morning that kind of discovery happens at Ocean Discovery. Imagine a wave of Ocean Leader blue polos, squeaky sneakers, and eager grins streaming into our lab. Our students put on oversized white coats and roll up their sleeves. With their goggles tightened, small, eager hands hold petri dishes with bright pink, thinly sliced fish samples. A high school mentor helps a younger student measure 3 oz. of ethanol into a pipette. The centrifuge is buzzing, ready to accept the student prepared samples of fish DNA.

Those Saturdays, filled with excited eyes and curious minds of our Ocean Leaders, remind me of my experiences growing up with thrill and wonder of discovery. How lucky I am to re-experience this thrill with Ocean Leaders and Ocean Discovery! My high school reflected a big multi-lingual public school district. It included all of the disadvantages and advantages of that type of school system. Our public school system created a special program to spend 50% of your time conducting lab research. Because of this, I was afforded an opportunity to study blue fin tuna in a real lab setting at NOAA.

Like our students, this was my spark and this initial discovery laid the groundwork for a rewarding career in biochemistry, physiology, and an emerging biotech industry. As a member of Ocean Discovery's Scientific Advisory Board, I am committed to pushing the boundaries of what an education program can do. By enlisting experts and industry leaders, we can engage students in real-world research problems and truly prepare them for the most innovative and growing fields.

This year, we embarked on a project to answer a pressing question for local, sustainability experts. National opposition to the fraudulent labeling of fish on menus and in markets has left consumers without the tools to make sustainable and healthy choices. While a recent report cited Southern California with the highest incidence of this "fish fraud", we wondered, "Are San Diego's sustainable restaurants part of the solution or part of the problem?"

Local industry leaders joined forces with students to get to the answer. Fishermen greeted students on the docks as they unloaded halibut and swordfish. Local chefs opened their kitchens' and provided fresh cuts that would become the samples of study. San Diego-based biotech trail blazer, Illumina, led the effort to ensure accurate sequencing of each sample's DNA. With expertise and cutting edge technology, students converted fish tissue into data. Gathered around conference tables at the Southwest Fisheries Science Center, students shared their research findings and recommendations for the local restaurateurs.

Sushi lovers and taco connoisseurs, celebrate! Ocean Leaders found nearly 100% correct labeling!



By: John Mendlein,
Ocean Discovery Institute Scientific Advisory Board Member

Living Lab

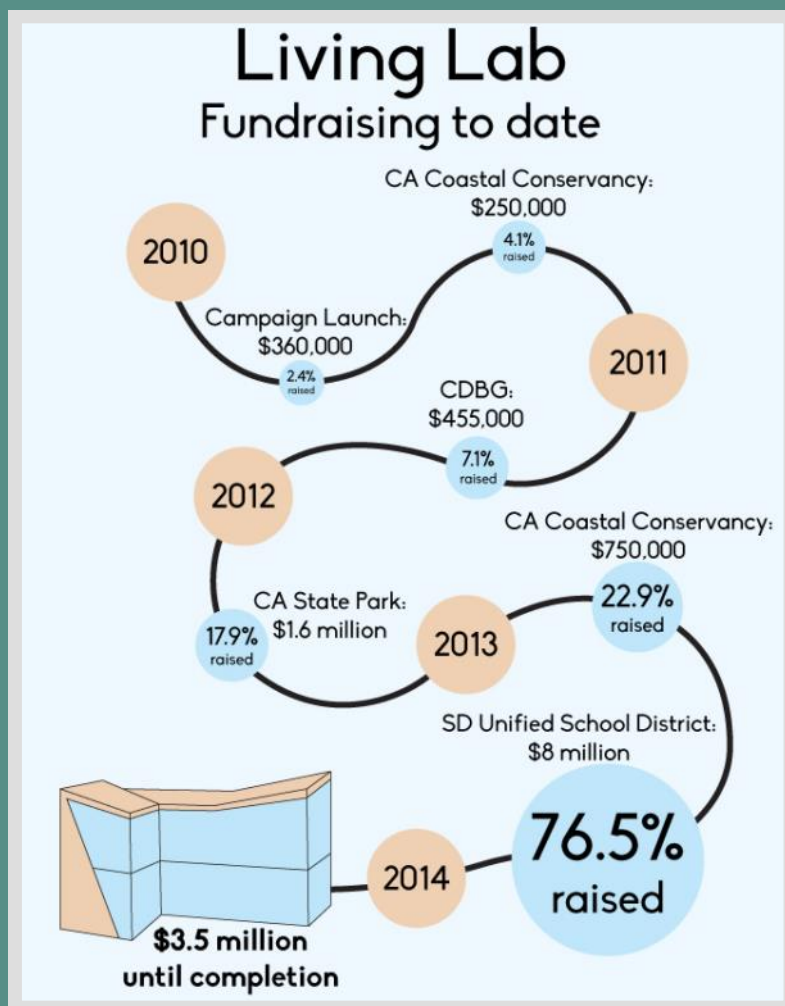
The *Living Lab* will provide a permanent, educational facility that will transform an entire community through science, engaging individuals from the community of City Heights and the greater region in ocean science education, scientific research, and environmental stewardship.

Upon its opening in 2016, the *Living Lab* will enable our growth to serve 20,000 individuals each year, engaging them in authentic science through self-guided exploration and programming. These experiences will generate curiosity, build scientific literacy, and develop scientific leaders.

2013 Highlights

Secured an \$8 million partnership with the San Diego Unified School District!

Over 30 advisors in the fields of science and lab design, interpretation and design, energy, art, and technology donated their time to this project.



GIVE SCIENCE EXPERIENCES!

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Above: Architect Rob Quigley's vision of our future Living Lab.

Pioneering Government agencies Help Draw Final Plans for the Living Lab!

Coastal protection from city streets, student achievement after the bell rings, and parks that strengthen a kid's body and mind – are uniquely materializing because of an innovative project and inventive people.

As Co-Chair of the Living Lab Honorary Committee, I am thrilled to share that years of hard work, creative thinking, and unyielding optimism are now taking the form of design drawings that will build the future Ocean Discovery Institute. As Rob Wellington Quigley, architect and visionary of the new downtown library, is sketching the hooks where students will hang backpacks and the lab benches they will lean on to begin their discoveries, he is charting how thousands of young people will seek and seize opportunity.

The vision for this aggressive project began seven years ago and is scheduled to be open for learning in 2016. Four unique government partnerships have brought us here. Through the City of San Diego's federally funded program to develop viable communities, initial funds were contributed to purchase the land in the heart of the urban center. The California Coastal Conservancy provided a major investment that allowed the project to gain traction and attract other donors. California State Parks selected this project from hundreds of applications to create and sustain a park that will best meet the needs of this community. And this year, the San Diego Unified School District signed a first-ever joint use agreement to ensure science learning both in and out of the classroom.

These agencies are pioneers in providing critical seed funding that will result in the achievement of thousands of young people and developing the solutions for today's and tomorrow's challenges.

With the guidance of 40 volunteer expert advisors, 20 consultants, 4 project managers, and an impressive design team, the Living Lab will create connections between industry and community, build sustainable solutions, and instill belief in what is possible. Is this a complicated and difficult project? Absolutely! Is it worth it? No doubt!



By: Scott Peters,
US Congressman and Living Lab Honorary Committee Co-Chair

Individual Investors

LEGACY PATRONS (\$100,000 & above cumulative)

Anonymous (2); Yvette Diuri; Joan Eichen; Linda & Joel Fisler; Scott Grimes; Lynn Gorguze & Scott Peters, U.S. Congressman; and Floyd Pickrell.

IMPACT CIRCLE (\$5,000–\$55,000)

Steven Cox, Vincy Dunmire, Jacqui Grande, Joan & Irwin Jacobs, Dina & John Johns, Marie Jose Kaasenbrood, Elizabeth Keadle, Adrienne & Tom Klopach, Michael Lucas, Charlotte & Jim Mashburn, Genette & Mike McGowan, Gwendolyn Meyer, Tony & Jennifer Sweeney, Theresa Sinicrope Talley & Drew Talley, and Kurt Gering & Nick Wagman.

INNOVATION CIRCLE (\$1,000–\$4,999)

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GIVE OPPORTUNITY!

To make collective impact through monthly contributions,
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Individual Investors

DISCOVERY CIRCLE (\$999 & under)

Bob Alden, Laurie Allen Carlock, Bill Anderson, Jason Anderson, Lisa Appelgate, Brian Asman, Garrett Avery, Evelyn & John Barandiaran, Carolina Barraza, Joanna & Osvaldo Blackaller, Erin & Christian Boddaert, Thella Bowens, Carolina Bracamonte, Laurie Brebrick, Ana Melgoza & Ruben Calleros, Adria Cammeyer, Jennifer & Eric Cathcart, Jody Carey & Dennis Wood, Tom Carlson, Rima & Jorge Carnicero, Amy & Erik Carstensen, Carol Childs & Peter House, Adrienne Cibor, Janet Tharp & Denise Clark, Aimee Clizbee, Barbara & Rick Cohen, Chapin Cole, Courtney & Tyler Huff, Kelli & Shaun Cornell, Doreen & Gary Cropp, Marissa & Tony Cuevas, Marilyn & Charles Dashe, Laura Diebold, Will Dietrich, Libby & Chic Dohoney, Nidia Montoya & Robert Dorsey, Paul Dougherty, Ivan Dunmire, Gustavo Dziewczapolski, James Eckman, Heather & Mike Eggli, Susan Evans, Jennifer Feikin, Teri Fenner, Patricia Fishstein, Megan & Dan Foxley, Carolyn Fugate, Bill Ganon, Gail & Carlton Gasoir, Leslie & Damon Getman, Ken Ghalambor, Yonat Swimmer & Paul Glenney, Councilmember Todd Gloria, Lindsay Goodwin, Karen Gould, Laverne & Burt Guetz, Craig Heberer, Holly Hermanson, Steve Hill, Susan & Mike Hird, Rita Hitchin, Sally Holloway, Carlos Nelson & Craig Hooker, Gail & Gary Hooker, Kaye & David Horinek, Elizabeth Horpedahl & Eli Ketchum, Evan Huckabay, Mark Huckins, Ryan Hyslop, Daniela Irazabal, Ellen Correia & Ravi Iyer, Pete Jensen, Norwood Johnson, Fred Jones, Ami Jones, Grace Jun, Cindi Katz, Jay Kawano, Susan Kelly, Shirley Knight, Alice Knox, Nicole LaGrange, Lyle LaRosh, Robert Lawson, Jennifer & Stephen Lax, Greg Lemke, Doug Levin, Chris Littlefield, Judith Liu, Jennifer & Robert MacAller, Jamie & Justin Machado, Sophie & Rob Machado, Christine & Pat Magnarella, Will Margo, Sharon & Ben Masek, Tina Caldwell & Melissa Mason, Kevin McClain, Jennifer & Byron McCoy, Timothy McDaniel, John McGill, Jasmin McLeod, Nancy Miner, Linda Moeller, Nasrin Mani & Darush Mohyi, Matthew Montemayor, Rochelle Mothokakobo, Carolyn Muhlstein & Will Turner, Maya Murphy, Kimvan Nguyen, Tram Nguyen, Rebecca Niemiec, Jeri Nolan, Noelle Norton & Erwin Willis, Marci Agtucci & Nick Olivia, Jennifer Ott & Dick Rol, Dan Palmer, Ali Pariseau, Bill Peartree, Adria & Eric Pederson, Lydia & Paolo Pellecer, Brett Pivetti, Heather & Brent Popadych, Kelly Prasser, Kathleen Hallahan & Rob Quigley, Betty Redmond, David Replogle, John Richardson & Andrew Spurlock, Claudia Rodriguez, Thomas Roemer, Sharon Ruhna Engel & David Ruhna, MacKenzie Wilson & Joseph Sandy, Lisa & Daniel Schafer, Kurt Schaefer, Evan Scheingross, Robert Schreiber, Cynthia Strauss & Harry Sherr, Kate & Lew Shuster, Jake Sibley, Christopher Simonetti, Kerri & Drew Smith, Elvia Meza & Jordan Snodgrass, Barry Snyder, Jeff Snyder, KJ Koljonen & Peter Spain, Brian Stransky, Diane Stricklin, Alex Hempton & Dan Sullivan, Judy Swink, Sandra Talbird, Clariece Tally, Jean & Howard Tennent, Angela Thompson, Kim & Peter Tomsovic, Becky & Richard Turk, Matt Turner, Adrienne & Congressman Juan Vargas, Rudy Vargas, Teresa & Clark Vautier, Marcus Waite, David Wexler, Kevin Wheeler, Debbie Williams, Phil Barker & Garry Williams, and Leanna Zevely.

Corporate Investors

IMPACT INVESTORS (\$25,000+)



INNOVATION INVESTOR (\$10,000-\$24,999)



DISCOVERY INVESTORS (\$9,999 & under)



Foundation & Government Investors

IMPACT INVESTORS (\$40,000)

California Coastal Conservancy, California Department of Parks and Recreation, Harriet E. Pflieger Foundation, J.W. Sefton Foundation, National Oceanic & Atmospheric Administration, National Science Foundation, Price Family Charitable Fund, Sidney E. Frank Foundation, & The Orca Fund at The San Diego Foundation.

INNOVATION INVESTORS (\$20,000–39,999)

Anonymous, RGK Foundation, & The Parker Foundation.

DISCOVERY INVESTORS (\$19,999 & under)

American Red Cross, Anonymous (3), Costello Family Foundation, Inc, Del Mar Rotary Club, Earth Island Institute, Elizabeth Keadle Fund at The San Diego Foundation, Endangered Habitats Conservancy, International Seafood Sustainability Foundation, Jewish Community Foundation, Johnson Family Foundation, Kiwanis Club of La Jolla, PADI Foundation, Reuben H. Fleet Fund at the San Diego Foundation, Rice Family Foundation, Samuel & Katherine French Fund, The San Diego Foundation, Sean McLarry Foundation, Southern California Wetlands Recovery Project, Swimmer Family Foundation, The Bravo Foundation, The Community Foundation for the Central Savannah River Area, The Fieldstone Foundation, The Ocean Foundation, The Stanley/ Stearns Fund at The San Diego Foundation, World Wildlife Fund, University of California, San Diego, and the Wildlife Conservation Board.

Volunteers

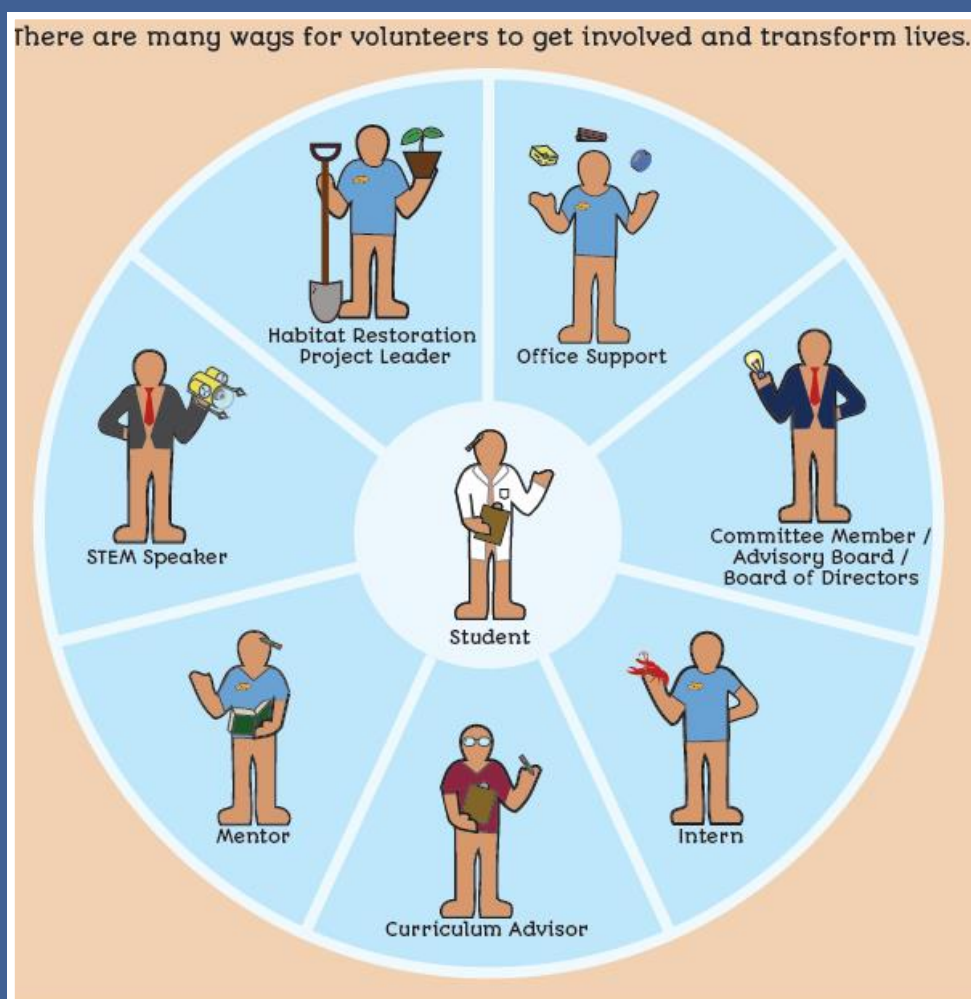
Ocean Discovery Institute offers a variety of ways to get involved, from less intensive single-day opportunities to more intensive commitments.

We also offer specialized volunteer opportunities for professionals in the science, technology, engineering, and math fields.

2013 Highlights

1,270 individuals
volunteered and worked
over 80,000 hours.

The total value of the
hours volunteered was
over \$182,000.



GIVE YOUR TIME & EXPERTISE

To make a difference as a volunteer,
visit our website at OceanDiscoveryInstitute.org/get-involved/.



Above: Students huddle around Miss Amanda as she teaches them about the adaptations of a sea star.

Volunteers Arrive to Cheers as Thousands Race to their Seats for Science!

When I signed up to be an AmeriCorps Discovery Fellow, I never imagined that the position would involve being treated like a celebrity. But, believe it or not, when I walk into work each day, you'd think I was Taylor Swift!

When I enter the classrooms, I am flooded by screams and shouts, "Miss Amanda! What are you going to show us today?" Students are practically (and sometimes literally) jumping out of their seats. As I walk toward the front of the classroom, the screams turn to whispers, and in a flash – the students are glued to their seats, eyes to the front, and ears perked. They are ready for their chance at some hands-on science discovery.

Becoming a Fellow straight out of college has allowed me to apply my science knowledge in the best way I know how- teaching. On a daily basis I answer questions like, How are waves made? Where is the limpet's face? Why is the ocean salty? Is a Navy SEAL and an animal seal the same? I have already answered thousands of questions from thousands of young people from all different backgrounds and am looking forward to answering even more!

When I see a student touch a sea star for the first time, drive an ROV under water, or hear them say, "I am going to be a scientist", I am filled with a rush of excitement that I never expected! So, for me, it's these young people who are the rock stars.



By: Amanda Wong,
AmeriCorps Discovery Fellow

Partners

Ocean Discovery Institute leverages local and national resources and relationships by building strategic collaborations to increase impacts. Partnerships are facilitated at three levels (Impact, Innovation, and Discovery) based on the breadth and timescale of the relationship.



Above: SDG&E presents Ocean Discovery with our Eco Ambassador Award.

Corporate Partners Rally Employees to Get Involved!

There's really no need to go to the United Nations in New York to see the diversity of the world's environmental stewards. Just go to City Heights and sit in a 6th grade classroom being served by Ocean Discovery Institute. That's what I did a couple of years ago.

There they were – kids from San Diego representing ethnicities from around the world with gloves, goggles, and pipettes, learning the difference between renewable and non-renewable resources. They also learned that those cool cell phones and tablets that bring them Mouse Maze, Candy Crush Saga, and Angry Birds come with the responsibility of unplugging chargers when not in use, or using smart power strips.

These are our future San Diegans. We at SDG&E volunteer and hang-out with them and their families in City Heights. No matter what path they take or profession they choose, they are sure to be better stewards of the planet than previous generations ever were.



By: Pedro Villegas,
Director of Community Relations at San Diego Gas & Electric

Partners

IMPACT PARTNERS

NOAA Office of Education, NOAA, NMFS Pacific Island Fisheries Science Center, NOAA, NMFS Southwest Fisheries Science Center, NOAA, NMFS Southwest Regional Office, and the San Diego Unified School District.

INNOVATION PARTNERS

Adams Elementary, AM 600 KOGO Radio, American Red Cross, AmeriCorps, Azalea Park Neighborhood Association, Birch Aquarium, California SEA Grant, Carey Construction and Design, Central Elementary, Cherokee Point Elementary, City Heights Community Development Corporation, City of San Diego, City of San Diego Park and Recreation, CorpNetwork, COX Communications, Edison Elementary, Euclid Elementary, Florence Joyner Elementary, Franklin Elementary, Frequentz, Friends of 47th Canyon, Friends of Swan Canyon, Hamilton Elementary, Hoover High School, Illumina, Kiwanis of Tierra Santa, Life Technologies, Monroe Clark Middle School, Monroe Clark Middle School Caesar Chavez Club, Museo de Naturaleza y Cultura, Bahia de los Angeles, Normal Heights Elementary, North Swan Canyon Neighborhood Association, Notre Dame Mission Volunteers, PEN Center USA, Project C.L.E.A.N., RECON Environmental, Inc., Rosa Parks Elementary, Rowan Elementary, San Diego Canyonlands, San Diego Police Department, Mid-City Division, Scripps Institution of Oceanography, Scripps Institution of Oceanography, SDG&E, Society for Advancement of Chicanos and Native Americans in Science (SACNAS) chapter at the University of California, Santa Barbara, SURF REU at UCSD, Swan Canyon Neighborhood Association, Teen Volunteers in Action, Tjuana River Estuary, U.S. Fish & Wildlife Service, UCSD Academic Connections, University of Hawaii –JIMAR, University of San Diego, Urban Corps, US Green Building Council, San Diego Chapter, Walk San Diego, Weathercurrents.com, and Wilson Middle School,

Partners

DISCOVERY PARTNERS

AECOM, Alchemy, AMEC, AmeriCorps & Youth Voice, Andaz, Barrio Logan College Institute
Big Brothers Big Sisters of San Diego County,
California Institute for Telecommunications and Information Technology,
Cardinals Interact, Catalina Offshore, CBS Radio, Circle K Club, City Heights Wellness Center,
City Heights Young Marines, Comisión Nacional de Áreas Naturales Protegidas, Copley YMCA,
Core Power Yoga, Councilmember Marti Emerald's Staff, Cubic Corporation, Dudek, Farm House,
Gay For Good San Diego, Girl Scouts, Grace Church, Grupo Marino, Grupo Tortuguero,
Harney Sushi, HD Supply, Hoover High School AVID, Hoover High School Band,
Hoover High School Eco Club, Hoover High School Octagon Club,
Hoover High School Parent Center,
Institute for Public Strategies, International Rescue Committee, Junior Youth Empowerment, Ka-
naka Outrigger Canoe Club, Kiwanis of Grantville, KyXy, Lambda Theta Nu Sorority Inc.,
Marine Ecology & Biology Student Association, Mitch's Seafood,
Monroe Clark Middle School Builder's Club, Monroe Clark Middle School Washington D.C. Club,
National Society of Black Engineers, San Diego, Nativity Prep Academy, NRG Energy, Inc.,
Petco, Price Community Scholars, Qualcomm, Raytheon Integrated Defense Systems,
Reality Changers, Remote Inspection Technologies, Ritual Tavern, Rosa Park Parent Center,
San Diego Asian Youth Organization, San Diego State University Criminal Justice Honor Society,
San Diego State University Delta Zeta, San Diego State University,
San Diego Workforce Partnership, Sapphire Energy, SDSU Alpha Pi Sigma,
SDSU Minority Biomedical Research Support Initiative for Maximizing Student Development,
Sea Rocket Bistro, Solar Turbines, Stanford Alumni Groups, STAR/PAL,
Tariq Khamisa Foundation, The Eastridge Group of Staffing Companies,
The San Diego Foundation, Truluck's, and the US Coast Guard.

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Carolina Barraza; Events and Communications Coordinator,
Christina Contreras; College and Career Coordinator, Leaders Initiative,
Anne Correia; Facility Operations Manager,
Catherine Crisp; Database and Development Coordinator,
Shara Fisler; Executive Director,
Lindsay Goodwin; Associate Director,
Melissa Katigbak; Leaders Initiative Manager,
Travis Kemnitz; Engagement Coach,
Elvia Meza; Finance and Administration Manager,
Rochelle Mothokakobo; School-based Initiative Manager,
James Pennise; Science Education Coordinator, Leaders Initiative,
Carla Pisbe; Environmental Stewardship Coordinator,
& MacKenzie Wilson; Director of Philanthropy.

PART TIME STAFF & DISCOVERY FELLOWS

Nathaniel Hanna Holloway; Lead Instructor,
Daniela Irazabal, Building Operations Assistant
Megan Tran; AmeriCorps Discovery Fellow, Leaders Initiative,
Daniel Virden; AmeriCorps Discovery Fellow, School-Based Initiative,
& Amanda Wong; AmeriCorps Discovery Fellow, School-Based Initiative.

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Ted Griswold.

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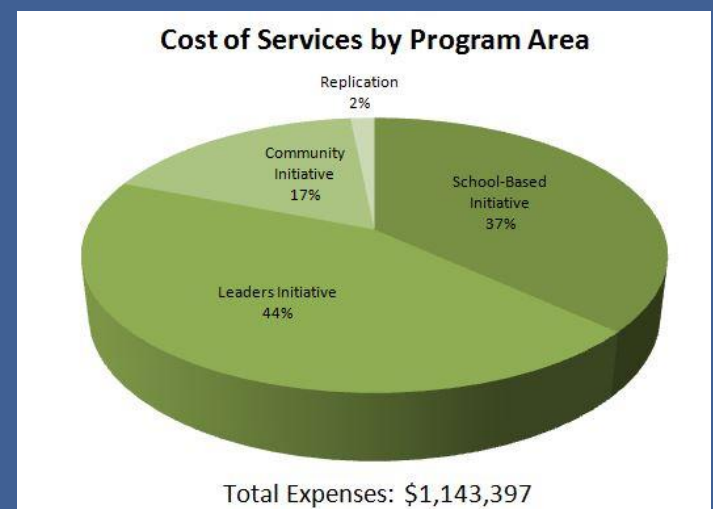
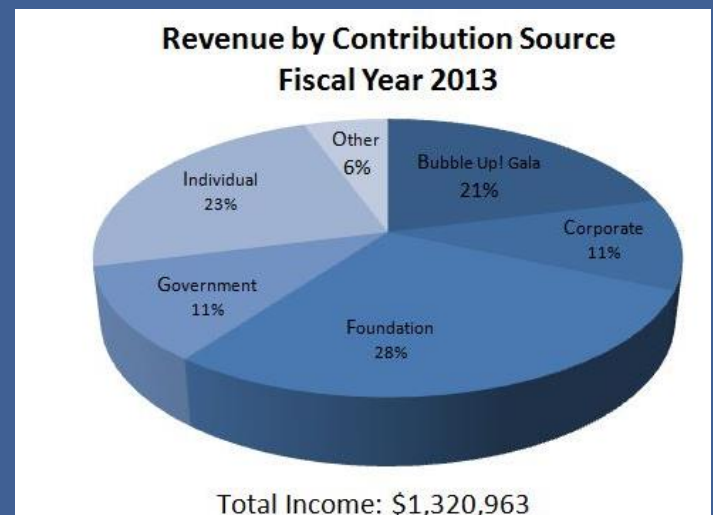
Financials

As a nonprofit business, we pride ourselves in having financial management strategies that ensure 100% of all donations are used to empower young people to become scientific and environmental leaders.

2013 Highlights

This September, 31 people joined our Visionary Community by committing to give \$10–50 each month. In just four months of giving, this community collectively generated over \$2,000!

Ocean Discovery received another 4–star Charity Navigator rating. This consecutive rating is given to only 19% of non–profit organizations nation–wide.



GIVE OPPORTUNITY!

To make collective impact through monthly contributions, visit our website at OceanDiscoveryInstitute.org/donate.



 **Ocean**
Discovery Institute
Young Lives Transformed Through Science

2211 Pacific Beach Drive, Suite A
San Diego, California 92109
Phone: 858.488.3849
OceanDiscoveryInstitute.org