

### Cultivating a responsibility for the natural environment and our human communities through interdisciplinary science education

## Forty-Five Years of **Marine Science Education**

s we look back at the year, we have much to be proud of and thankful for. Our staff has once again made science come alive to excite and educate more than 56,000 people about the wonders of the San Francisco Bay. Many of our students had never been to the water's edge let alone on a boat, or had the opportunity to touch a live shark. Every day, the anticipation level and excitement run high here at MSI!

We have been extremely busy aligning all of our programs to the Common Core and Next Generation Science Standards (NGSS). This allows teachers in our region to see in advance what topics will fulfill

their curriculum requirements and to plan the most inspiring and educational field trip of the year for their students. In collaboration with the San Mateo Environmental Learning Collaborative (SMELC), Ten Strands, the San Mateo County Office of Education and five local nonprofit organizations, we participated in a series of Teacher Workshops titled, 'Professional Learning Collaborative for K-8 Educators: Succeeding with NGSS



Marilou Seiff

Using Your Local Environment.' Although California's full adoption of the NGSS standards will not take place until 2018, MSI's alignment of the NGSS standards now provides teachers with on-the-job training and preparation that prepares them for the rigorous changes they will encounter as they implement the standards in their classrooms.

Studies have shown that Multi-Exposure programs have a greater impact on the students, facilitating much deeper learning experiences. Between 2011 and 2015 we piloted three programs in which we bundled single modules with a field trip allowing us to reinforce the science concept for students – The Scientific Method Combination, Biomimicry Discovery Voyage and Wonders of Watershed Programs. The astounding popularity of these pilot programs has led us to offer several more Multiple Exposure Programs including Biomimicry Inland Voyage, and four different Habitat Combos. Our teachers have recognized the value of Multiple

Exposure Programs to the extent that we have completely booked all of our available slots for them in the 2015-16 school year!

As the drought continues, we have increased the water conservation education in our curriculum to teach students about the causes and how their actions can be a part of alleviating the crisis. We have done our part in reducing our own facilities' water consumption too. We replaced our water guzzling natural lawn with artificial turf, and stopped watering our smaller lawn altogether. We made water conservation changes to our aquarium protocol. And very recently, we installed a rain collection system to prepare for the rains we hope will come this winter.



Jim Crawford

Our 90-foot research vessel, Robert G. Brownlee, continues to be the star of our show. This amazing work horse continues to carry full loads of students out onto the waters of the San Francisco Bay or the Delta twice a day, six days a week, nearly every week of the year! Quarterly, we host EcoVoyages for the public to explore the bay and learn about our precious ecosystem. We invite you to join us and learn first-hand what

tens of thousands of students are experiencing each year.

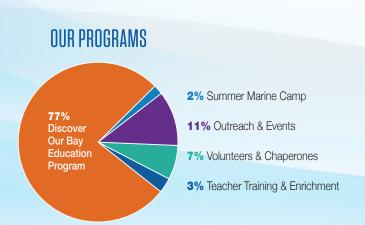
The Board and Staff have finalized our three-year strategic plan. We look forward to the implementation phase of these strategies, to continue to improve our programs and our outcomes, as well as to improve our financial stability. We will be sharing our success stories with you in this coming year.

Finally, we want you to know that we feel gratitude every day for our many funders. We could not do this work without your support.

Sincerely,

Marilou Seiff
Executive Director

Jim Crawford Board Chair





## Statement of Financial Position

BALANCE SHEET		
ASSETS	SEP 1, 2014 - AUG 31, 2015	
Cash and investments	\$	294,000
Grants and other receivables		248,000
Prepaid expenses and other assets		20,000
Land, property and equipment, net		2,662,000
TOTAL ASSETS	\$	3,224,000
LIABILITIES & NET ASSETS		
Accounts payable and other current liabilities	\$	68,000
Unrestricted net assets		2,920,000
Temporarily restricted net assets		236,000
TOTAL LIABILITIES & NET ASSETS	\$	3,224,000





# Revenue and Expenses

INCOME STATEMENT	
REVENUE	SEP 1, 2014 - AUG 31, 2015
School & Public Programs	\$ 543,000
Marine Camp	527,000
Corporations	120,000
Foundations	311,000
Government	167,000
Individuals & Investments	107,000
TOTAL REVENUE	\$ 1,775,000
EXPENDITURES	
School & Public Programs	\$ 1,030,000
Marine Camp	334,000
Fundraising	165,000
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Administration	171,000
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Financials are un-reviewed. Fully reviewed financials will be available upon request in December 2015.

## Donors

Thank you to our FY 2014-15 donors, funders and partners! This work would not be possible without your generous support. Donations received September 1, 2014 through August 31, 2015

## Foundation, Corporate and Government Funders and Partners

Amazon Smile Foundation, Atkinson Foundation, AWL Homeschooling Group, George and Ruth Bradford Foundation, California Academy of Sciences, California Coastal Commission, Cargill Land Management, Central Contra Costa Sanitary District, ChildCare Careers, Contra Costa Water District, Costco Wholesale - Redwood City. Costco Wholesale - Foster City. Costco Wholesale - Mountain View, Danford Foundation, The David and Lucile Packard Foundation, Dean and Margaret Lesher Foundation, DeepDyve, Delta Diablo Sanitation District, Devil's Canyon Brewery Company, The Dirk and Charlene Kabcenell Foundation, Doering Family Foundation, LTD., The East Creek Fund, Electronic Scrip Rebate, The Energy Coalition, Eventbrite, Expansion Capital Group, Exploratorium, Genentech Foundation, Gilroy Gardens Family Theme Park, Google, Heising-Simons Foundation, Hewlett-Packard, Hobee's, IBM, Kilohana Outrigger Canoe Club, Kohl's - Redwood City, Kohl's - San Jose East, Kohl's - Santa Clara, Lyngso Garden Materials, Inc., Matson Foundation, Moore Family Foundation, Mt. View Sanitary District, National Fish and Wildlife Foundation, National Oceanic and Atmospheric Administration, (NOAA), Oakland Zoo, Oracle, Palo Alto Community Fund, Patagonia, Inc., Peninsula Aquatic Center, Pier 39, Port of Redwood City, Provident Credit Union, Resource Area for Teachers (RAFT), Raymond's Sourdough Bread, Recurrent Energy Development Holdings, LLC, The Repass-Rodgers Family Foundation Inc., Rossi Family Foundation, The Rotary Club of Palo Alto, Sand Hill Foundation, San Francisco 49ers, San Jose Sharks, San Mateo County Environmental Health Services, Scandling Family Foundation, Science by Nature Collaborative, Silicon Valley Clean Water, SIMS Metal Management, Skin Solution, Solano County Water Agency, Sprouts Farmers Market, The Surfer's Journal, Taproot Foundation, The Tech Museum of Innovation, Three Twins Ice Cream, Trader Joe's, Turner Designs, Peter and Paula Uccelli Foundation, Watershed Discovery Foundation, Wells Fargo Foundation, Whole Foods Market - San Francisco and San Mateo

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