



Museum of Science®

WINTER 2016/2017

2016 Annual Report



FIELD NOTES



A Grand Entrance

At this time last year, the Museum's lobby and concourse were covered in construction scaffolding and our exhibit fabricators were working night and day to bring the *Yawkey Gallery on the Charles River* to life. Thanks to all their hard work, and thanks to investment in our mission from the Museum's community of supporters, we have elevated the entrance experience to our institution so that it equals the learning experience in our Exhibit Halls.

A new installation in the Cummings Concourse showcases our commitment to environmental sustainability—how we use science to inform our decision-making as we identify and implement ways to be more sustainable in our operations. We enhanced our industry-leading visitor experience with improved wayfinding systems and guest amenities, added digitized signage, and enlarged the concourse window that provides arriving guests with views into the Blue Wing.

The first comprehensive makeover of the Museum's lobby since its construction has revived the look, feel, and function of this grand space. In the lobby, visitors are introduced to our core message about the interdependency of the natural and engineered worlds. Renewal of the Museum's lobby and the creation of the *Yawkey Gallery on the Charles River* truly usher in a new era at the Museum of Science.

We are an iconic institution. But we are—more importantly—an innovation institution, focused always on the future. We are living in a time when STEM thinking and STEM skills have never been more important. The Museum's role is to spark an interest in science, technology, engineering, and math through our

exhibits, educational programming, and K–12 curricula on engineering and computational thinking.

We are putting our Long-Range Plan into action: expanding the Museum's reach locally, nationally, and internationally; optimizing the visitor experience; broadening participation across the lifespan; leveraging our leadership in engineering education; and securing the Museum's future.

Annual Report and Honor Roll of Donors

Philanthropy is the lifeblood of a non-profit institution like the Museum of Science, and we celebrate our loyal supporters in fiscal year 2016. We experienced increases in visitation and membership along with expansion of our Traveling Programs, which covered more ground and awarded more program scholarships than ever before. We saw further expansion of our engineering curricula, and our award-winning exhibition *The Science Behind Pixar* began its scheduled tour of science centers around the country, with its first stop in Philadelphia at the Franklin Institute. It is currently on display at the California Science Center and it is booked for future engagements through 2022.

We are honored to thank the many families who make the Museum a part of their philanthropy. We value greatly the charitable foundations that share in and support our mission. And we take pride in the strong relationships we have built with our corporate sponsors and Premier Partners. You sustain the Museum's efforts to innovate in our Exhibit Halls and in the classroom.

We would like to thank everyone in our community—donors, trustees, overseers, volunteers, interns, and staff—for helping us shape and support our Long-Range Plan to help ensure the next decade of growth and innovation at the Museum of Science. With your support, the Museum is moving closer to realizing our goal to become the leading science center worldwide in expanding the public's access to, understanding of, and critical thinking around engineering, technology, and the sciences.

Ioannis N. Miaoulis, PhD
President and Director

Gwill E. York
Chair, Board of Trustees

Annual Report 2016

\$16.4 million philanthropic contributions

\$104.9 million endowment

363 full-time employees

36 part-time employees

225 temporary employees

453 volunteers contributed a total of **38,505** hours to **32** different programs—the equivalent of **18.5** full-time employees

1.53 million visitors and **53,056** member households

162 corporate members

162,080 school children participated in field trips to the Museum

18,659 children and chaperones attended overnight programs

101,026 individuals (**87,572** school children; **13,454** public audience) served by Traveling Programs, covering **67,589** miles throughout New England; awarded **\$95,700** in scholarships (21.5% of total reservations)

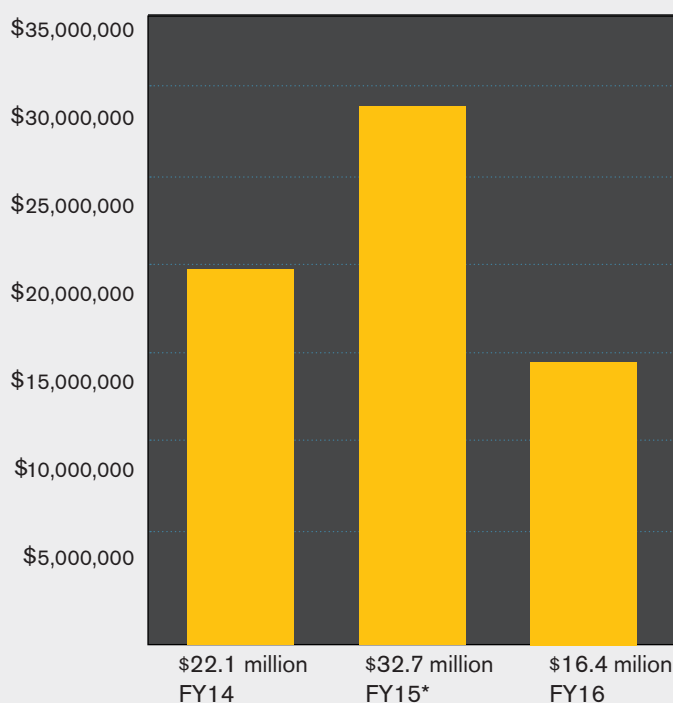
11,916 free Exhibit Halls passes provided to Massachusetts residents qualifying for Electronic Benefits Transfer (EBT) or Supplemental Nutrition Program

OPERATING INCOME AND EXPENSES FOR THE YEAR ENDING JUNE 30, 2016

(\$ in thousands)

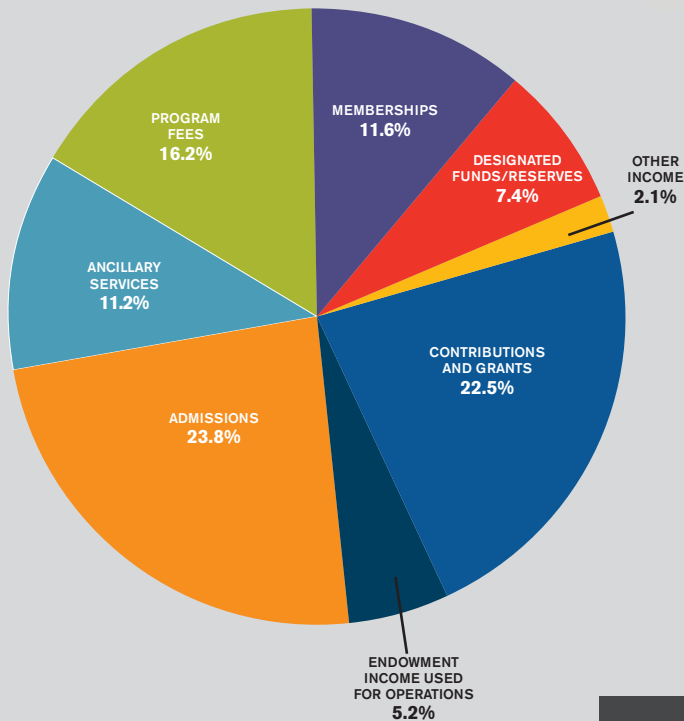
	2014	2015	2016
Operating Income			
Support	\$16,482	\$17,437	\$14,895
Revenue	\$42,432	\$45,667	\$51,274
Total Operating Income	\$58,914	\$63,104	\$66,169
Operating Expenses			
Program Services	\$40,814	\$43,566	\$41,645
Supporting Services	\$18,069	\$19,530	\$24,466
Total Operating Expenses	\$58,883	\$63,096	\$66,111
Net Operating Income	\$31	\$8	\$58

PHILANTHROPIC CONTRIBUTIONS

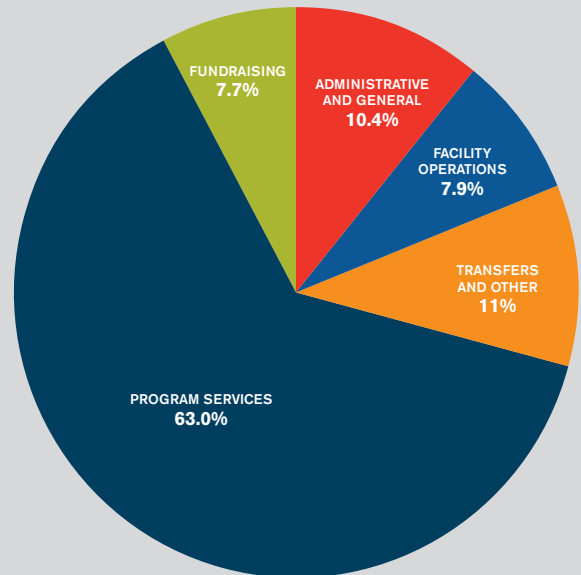


*Final fiscal year of the Campaign for the Museum of Science

FISCAL YEAR 2016 SOURCES OF OPERATING FUNDS \$66,169,000



FISCAL YEAR 2016 USES OF OPERATING FUNDS \$66,111,000



ENDOWMENT MARKET VALUE JUNE 30

FY2014	FY2015	FY2016
\$110 million	\$109 million	\$104.9 million

FISCAL YEAR 2016 HIGHLIGHTS

- Michael Pollan, the author of the bestsellers *Cooked*, *Food Rules*, and *The Omnivore's Dilemma* received the 2015 Bradford Washburn Award honoring his work as "a zealous ambassador for healthy eating," and for inspiring his readers to "recognize food as not just fuel but rather as community, family, and one of the ways we construct our identity."
- Larry Bell, senior vice president of strategic initiatives at the Museum, was honored with the Roy L. Shafer Leading Edge Award for Leadership in the Field, Association of Science-Technology Centers.
- Museum curriculum developers began collaborating on a project to bring new space-themed STEM resources to afterschool programs nationwide. Supported by NASA's Science Mission Directorate and led by Northern Arizona University's Center for Science Teaching and Learning, the \$3.4 million project is called *PLANETS (Planetary Learning that Advances the Nexus of Engineering, Technology, and Science)*. A \$1.3 million award to the Museum is supporting development of three out-of-school time curriculum units that integrate planetary science with technology and engineering.
- On March 24, the Museum of Science unveiled a new signature experience—the *Yawkey Gallery on the Charles River*, a three-story, 5,000-square-foot gallery and exhibition where visitors can explore the connections between the natural and engineered worlds.
- At the seventh annual signature celebration, the Stars of STEM, the Museum honored the Deshpande Foundation and Google for providing the spark to empower the next generation of scientists, tech innovators, engineers, and mathematicians. Trustee Jaishree and Gururaj "Desh" Deshpande accepted the award along with Vint Cerf, Google's chief Internet evangelist and the co-inventor of the Internet.
- The Museum's engineering curriculum for preschool and kindergarten was highlighted at the first-ever White House Symposium on Early STEM Learning, on April 21, 2016.
- Gwill E. York was elected chair of the board of trustees. A Museum trustee since 1998 and finance committee chair since 2007, she began her stewardship of the Museum in 1990, drawn by its innovative overnight program focusing on girls and science education.
- Spiders Alive!*, organized by the American Museum of Natural History, was presented by the Museum in Nichols Gallery. The traveling exhibition featured approximately 20 species of arachnids, including 16 spiders, 2 scorpions, a vinegaroon, and an African whip spider.
- In June 2016, the Museum committed \$200,000 in scholarships for STEM professional development. Funded by proceeds from the sale of its curriculum products, the support provided 82 scholarship recipients from 24 states with a complete classroom set of Engineering is Elementary® curriculum materials plus tuition and travel support to attend a hands-on teacher workshop at the Museum.



Museum of Science®

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This magazine was printed with
post-consumer recycled paper, saving:

7 trees

19 lbs of waterborne waste

305 lbs of solid waste

601 lbs net greenhouse gases

4,599,945 BTUs energy