



## Celebrating Women and Girls in Science

### **Annual Report**

2017 Honor Roll of Donors

### **Awards Season**

Colby Honors, Walker Prize,  
and Bradford Washburn Award

### **Explorations**

“Walking Among the Stars”



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# FIELD NOTES

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## Celebrations

It's hard to believe that a year has passed since the Museum received its largest gift ever from Bloomberg Philanthropies. Michael Bloomberg has said that the Museum of Science was the “first teacher to have a profound impact” on his life. His gift, which established the William and Charlotte Bloomberg Science Education Center, will enable literally millions of young people to have the same kind of life-changing experiences that he had as a boy visiting Museum.

In a year when the Museum welcomed its 70-millionth visitor (on October 7, 2016) and received more gifts from our members and visitors than ever before, we have so much to celebrate. The completion of our lobby renovations and the Cummings Concourse late last summer capped one of the busiest times in recent Museum history. We also installed electric vehicle charging stations in the garage and a Hubway bike share rack on our front plaza.

Though no major construction (or reconstruction) has commenced since, we did open a new exhibit in the Blue Wing—*Wicked Smart: Invented in the Hub*. Every day, the Museum of Science delivers unparalleled STEM learning experiences in our Exhibit Halls, with our programming for visitors of all ages, and through our award-winning pre-K – 12 curriculum.

## In this Issue

The celebration theme continues with coverage of the 20th Anniversary of the Women in Science and Engineering (WISE) initiative. The biannual WISE lecture series began in 1997 as a forum for distinguished women scientists and engineers to share their groundbreaking research. In recent years, the initiative has grown to include programming for schoolchildren and families, mentoring for college-age women,

and a growing endowment to promote STEM learning opportunities for girls and young women.

We also celebrate two outstanding members of our community whose service and support was recognized with the 2017 Col. Francis T. Colby Award. It was an honor to salute trustee emeritus M. Dozier Gardner and trustee emerita Wendy W. Kistler for their dedication to this institution through their time, treasure, and talents.



Gwill York, Ioannis Miaoulis, Michael Bloomberg, Gov. Charlie Baker, Boston Mayor Marty Walsh, Medford Mayor Stephanie Burke, and Cambridge Mayor E. Denise Simmons

Our *In Gratitude* feature celebrates the \$10 million gift from MathWorks that will fund the design and fabrication of a new exhibit on technology and engineering in the Blue Wing. A Premier Partner since 2008, MathWorks has long championed STEM education as part of their comprehensive social mission program. Their new commitment builds on the momentum we are generating to reimagine the visitor experience in the Blue Wing.

And finally, the honor roll of donors celebrates and thanks the generous supporters whose gifts underwrite our mission to transform the nation's relationship with science and technology. The vision statement of our Long-Range Plan—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—will be realized because of loyal supporters like you.

Ioannis N. Miaoulis, PhD  
President and Director

Gwill E. York  
Chair, Board of Trustees

# Annual Report 2017

**\$77.1 million** new gifts and pledges

**\$146 million** endowment

**391** full-time employees

**19** part-time employees

**233** temporary employees

**384** volunteers contributed a total of **34,953** hours to **29** different programs—the equivalent of (almost) **17** full-time employees

**1.4 million** visitors and **50,370** member households

**161** corporate members

**149,002** schoolchildren participated in field trips to the Museum

**18,573** children and chaperones attended overnight programs

**102,175** individuals (**88,707** school children; **13,468** public audience) served by Traveling Programs, covering **65,414** miles throughout New England; awarded **\$102,000** in scholarships

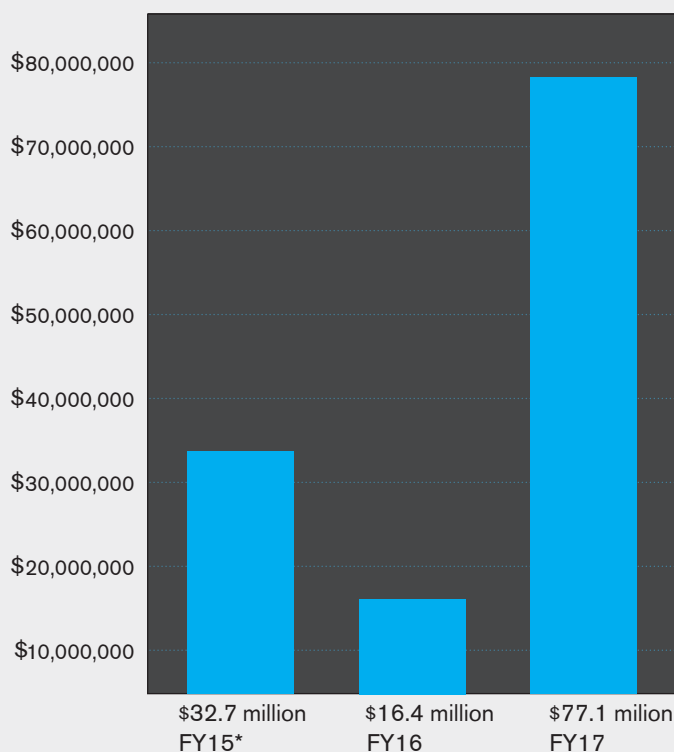
**16,211** free Exhibits Hall admissions provided to Massachusetts residents qualifying for Electronic Benefits Transfer (EBT) or Supplemental Nutrition Program

## OPERATING INCOME AND EXPENSES FOR THE YEAR ENDING JUNE 30, 2017

(\$ in thousands)

	2015	2016	2017
<b>Operating Income</b>			
Support	\$17,437	\$14,895	\$14,623
Revenue	\$45,667	\$51,274	\$47,518
<b>Total Operating Income</b>	\$63,104	\$66,169	\$62,141
<b>Operating Expenses</b>			
Program Services	\$43,566	\$41,645	\$40,516
Supporting Services	\$19,530	\$24,466	\$21,605
<b>Total Operating Expenses</b>	\$63,096	\$66,111	\$62,121
<b>Net Operating Income</b>	\$8	\$58	\$20

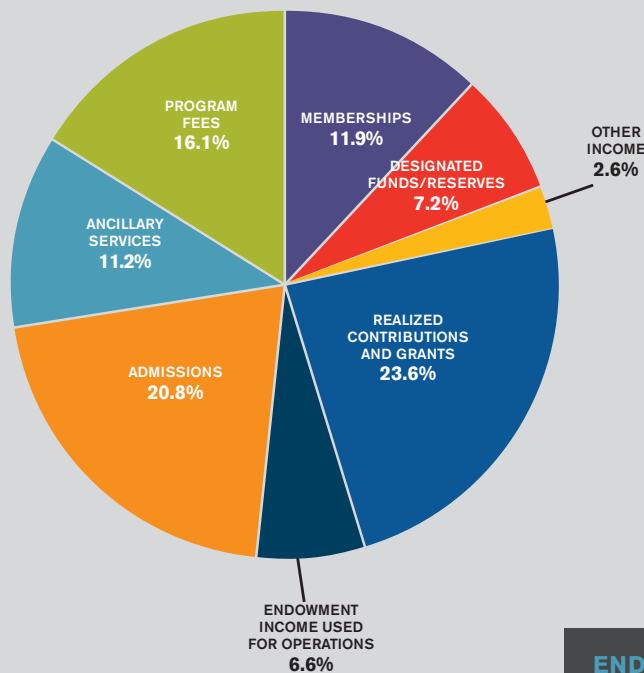
## PHILANTHROPIC CONTRIBUTIONS



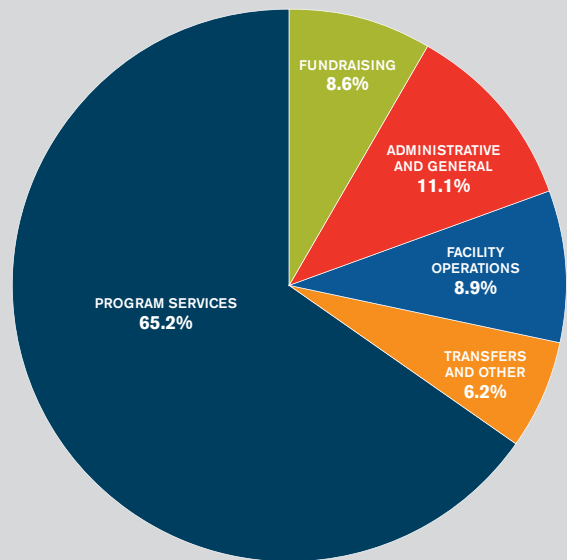
\*Final fiscal year of the Campaign for the Museum of Science



**FISCAL YEAR 2017 SOURCES OF OPERATING FUNDS \$62,141,000**



**FISCAL YEAR 2017 USES OF OPERATING FUNDS \$62,121,000**



**ENDOWMENT MARKET VALUE JUNE 30**

FY2015	FY2016	FY2017
\$109 million	\$105 million	\$146 million

**FISCAL YEAR 2017 HIGHLIGHTS**

- Bloomberg Philanthropies made a \$50 million gift to the Museum to create and endow the William and Charlotte Bloomberg Science Education Center. The gift, the largest in the Museum's history, also supports new initiatives in computational thinking and food science.
- The Museum of Science teamed up with the Boston Red Sox on a multi-year partnership that will bring baseball-inspired STEM (Science, Technology, Engineering, and Math) content to the more than 70,000 members of Red Sox Kid Nation.
- A Pi Day Fundraiser yielded 1,145 gifts totaling just over \$30,000. Thanks to \$150,000 in matching gift challenges from board members Brit d'Arbeloff, Howard Messing, Sharon Lowe, and M. Dozier Gardner via the Cedar Street Foundation, Pi Day giving on 3.14 rose above \$180,000.
- At the eighth annual Stars of STEM Signature Celebration, the Museum honored MathWorks, a Premier Partner, for its leadership and support. MathWorks co-founder and CEO Jack Little accepted the award.
- Roni Ellington, PhD delivered the keynote at the Museum's Portal to STEM event on May 22. "We have to move from a paradigm of simply educating kids in STEM to one that empowers all students in STEM," said Dr. Ellington. The open-house-style event featured presentations from Museum educators on exhibit development, enrichment programming, and curriculum initiatives.
- Founding director and chief strategist of Partners In Health, Paul Farmer, MD/MPH, received the 2016 Bradford Washburn Award.
- Nearly 18,000 visitors gave a combined \$47,000 in "add-on gifts" at our ticket kiosks.
- Christine Cunningham, PhD, founder and director of Engineering is Elementary at the Museum of Science, was awarded a 2017 Harold W. McGraw, Jr. Prize in Education, one of the most prestigious awards in the field.
- The Museum presented temporary exhibitions on a range of subjects: *Da Vinci—The Genius*, *Chocolate*, *POPnology*, and *Many Faces of Our Mental Health*.
- The 2016 Col. Francis T. Colby Award was presented to the Charles Hayden Foundation in recognition of their decades-long support for the Museum of Science.
- The American Association for the Advancement of Science presented Museum president and director Ioannis Miaoulis with the 2016 Philip Hauge Abelson Prize for "championing the public understanding of science and engineering." In addition, Dr. Miaoulis was inducted into the *US News & World Report* STEM Leadership Hall of Fame.
- In the Blue Wing, the Museum unveiled a new permanent exhibit celebrating innovations developed in the Bay State. *Wicked Smart: Invented in the Hub* features many hands-on interactives that showcase cutting-edge tools and technologies from collaborations at Harvard, MIT, and more.



Museum of Science®

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post-consumer recycled paper, saving:

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**19** lbs of waterborne waste

**305** lbs of solid waste

**601** lbs net greenhouse gases

**4,599,945** BTUs energy

[mos.org](http://mos.org)