DEAR FRIENDS,

We are pleased to present the 2018-2019 Annual Report. With your support, the Maryland Science Center continues to fulfill its mission of demonstrating the important role science plays in our everyday lives.

The Science Center continues to expand its programmatic offerings, increase its reach into the community, and provide resources for anyone who shares our goal of science literacy. No other institution reaches more students through on-site visits and outreach into schools, libraries, and early learning centers.

This year saw an increase in school attendance and we were able to deliver programming to schools in every county in Maryland. We also expanded our programs for adults and added new experiences in our theaters. Of note, the St. John Properties IMAX Theater was converted to digital projection technology and a new sound system greatly enhanced the venue. As you read the Year in Review, you’ll notice the scope and breadth of the Science Center’s programmatic offerings. The Maryland Science Center community is expanding thanks to your generosity.

On behalf of the Board of Trustees, our staff, and all those who benefit from your support we offer our thanks. The Science Center only works because people like you share our mission and understand that everyone, especially children, needs science. We value our partnership and hope that you will continue to support the mission of the Maryland Science Center.

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THE YEAR IN REVIEW

2018-2019 was a time of growth both inside the four walls of the institution and beyond those four walls across the State of Maryland. Our mission to promote science literacy and our work in the community to underscore the importance of science in our everyday lives has never been stronger.

The Maryland Science Center melded science education with a summer of hands-on exploration with the return of the annual Let’s Science Summer program. Each week visitors and staff explored different topics together to spark imagination and encourage curiosity. A visit to the Science Center is not a passive experience, in fact it’s just the opposite. Staff encourage visitors to ask questions, try experiments, predict outcomes, and explore together. These are the fundamental tenets of our signature brand of science education. Every day is completely different because the day is unscripted, unpredictable, and designed to grow organically as visitors encounter staff throughout the building. The exhibits and shows are the backdrop for this engaging style—but it’s the guests and staff who work together to create the experience.

Summer is also a time to keep young minds focused on the learning process while enjoying time away from formal classroom learning. Camp MSC—innovative day camps for toddlers to teens—offered immersive exploration of the topics that participants can relate to. Budding paleontologists, future astronauts, aspiring engineers, young wizards, tinkerers, artists and actors all take part in an in-depth look at their particular area of interest in week-long sessions that have the right mix of learning and time for fun in the museum exhibits and theaters. Camp MSC is designed and delivered by MSC’s Education Department.

As summer drew to a close, but before the annual school field trip season was underway, September welcomed nearly 2,100 homeschool students to its exhibits, classrooms, and theaters. The Science Center works closely with educators and students to ensure that young learners get the most from a visit to MSC. Homeschool educators and students provide critical feedback about enrichment experiences and presentations that allow the Education staff to constantly evaluate programs. In recent years the Science Center has added homeschool curriculum in January as well to meet the educational needs of this growing community.

As the season turned from summer to fall, school field trips returned. Each day volunteer bus greeters and operations staff performed a choreographed act as buses arrive, students unload, groups check in, and hundreds, and often thousands, of students, teachers, and chaperones embark upon their visit. Over the course of the school year Science Center field trip
attendance grew to over 90,000, affirming that the education community understands the importance of exposing children to the wonders of science. MSC is proud to be a partner with local school districts to provide alternate ways to teach beyond traditional classroom settings. And we value our educator partners who help us deliver premium experiences.

This year the cycle of renewal came to the St. John Properties IMAX Theater. MSC was one of the first institutional theaters to embrace the large format film experience back in the 1980's. It was also one of the last to convert to digital technology. True cinephiles will lament the demise of our film-based 70mm film projection system but are encouraged about the many possibilities new digital technology holds. The theater was closed for a short period of time while old systems were removed and new systems were installed. A new five story screen was stretched over a frame to accommodate the bolder, brighter digital images, seats were refurbished, and a new digital sound system was installed. The conversion to the digital platform meant a whole new library of documentary films was possible for both the public and students. And, the ability to show first run feature films became a part of the IMAX lineup. Box office hits like Captain Marvel and Avengers: Endgame, along with family favorites like The Lion King and Toy Story 4 all played out on Maryland’s largest indoor screen. New documentary films are transporting viewers to the farthest reaches of space and the deepest parts of the planet’s oceans as well as tropical rainforests and other diverse ecosystems. Our new IMAX experience is truly immersive, giving viewers the sensation of actually being a part of the film without having to leave their seats.

While the institution was humming with visits from families and schools and hosting sleepovers and other programs, MSC staffers continued to expand their outreach into the community. The Traveling Science Program continued to criss-cross the State and the Mid-Atlantic delivering science programming to schools and local libraries. In addition to delivering programs in every county in the State, TSP traveled by boat for the very first time to visit school children on Smith Island. While our intrepid teams are used to logging thousand of miles on roadways and highways, the trip over water was an inaugural one.

MSC’s popular Family Science Night and Family Engineering Night programming was delivered over sixty times throughout the year reaching thousands of students and their parents in engaging small-group activities taking place in school gymnasiums and cafeterias. Participants in Family Science Nights and Family Engineering Nights move from station to station to complete different experiments led by staffs. Both parents and
their children participate in the event and schools often add additional activities to make the evening a well-rounded event.

This past year MSC’s work with preschoolers and their teachers through the Ready, Set, Go Science program served over 10,000 young learners to get them prepared for school. Working primarily in Baltimore City Head Start centers, MSC educators brought basic science experiments to the children and also taught pre-school teachers how to use simple science experiments to excite new learners and engage with them on a different level.

The Science Center also ramped up its adult programming offering new ways to visit with a focus on grown-ups. A new Music Under The Dome series wowed audiences in the planetarium with computer graphics and video projections set against an amazing musical soundtrack. The music of Talking Heads and a trip back to the 90’s were particularly well-received. Adult Field Trips allowed participants to experience the exhibits just as students do with a night filled with live science, pop up activities and the opportunity to visit exhibit galleries. MSC’s monthly Lunchtime Lecture series featured topics including an exploration of the possibility of life on other planets, climate change, and a particularly interesting lecture delivered by Howard County High School students on how technology is changing farming techniques and how we raise livestock. Hands-on workshops in The Shed and expert presentations on the distillation of whiskey and the craft of winemaking rounded out the opportunities.

As the year came to a close, the Maryland Science Center community was deeply saddened by the sudden loss of long-time President and CEO Van R. Reiner. A chemist by training and a corporate executive for Bethlehem Steel prior to his tenure at MSC, Van was a tireless champion of both the institution and its mission. He led the Science Center for thirty-three years before retiring in 2017. He lent his expertise to other science centers as well and underscored their importance with members of Congress in Washington D.C. through his board position at ASTC—the organizing and advocacy group for all similar institutions.

In Van’s honor, a scholarship fund was created to help children come to Camp MSC without concern for fiscal barriers. The summer camp program was created under Van’s leadership and was a particular favorite of his. On most summer days Van could be found serving lunch to campers in the Brown Bag Zone. He will be missed and his service to MSC will not be forgotten.

Finally, while the institution continues to move forward it is also a chance to look back on how much has been accomplished. Hundreds of thousands of people across the region have been touched by the work of the Maryland Science Center. And our mission has been strengthened by our partners. Without the support of individuals through the Annual Giving Campaign, admission revenue, and membership sales the Science Center simply could not succeed. Instead, along with the help of corporations, State and Local governments and granting institutions and foundations the Maryland Science Center is thriving. We are thankful for the support. Let’s science.
BY THE NUMBERS

Over **12,000** children and parents participated in a Family Science Night or Family Engineering Night program.

Our Inner Harbor location and multiple outreach programs provide access to engaging, informative science experiences and scientific content to over **410,000** students and families each year and in every Maryland county.

**148** volunteers donated over **7,800** hours to the Maryland Science Center!

Over **90,000** Maryland students, teachers, and chaperones visited the Science Center thanks to our Free Admission Program.

The Traveling Science Program delivered classroom, Starlab, and assembly programs in all twenty-four Maryland school districts, as well as neighboring states, reaching almost **50,000** students, children, and adults.

Almost **3,500** students participated in homeschool programs such as chemistry, astronomy, and engineering.

Our Ready, Set, Go Science program served over **10,000** students, families, and educators through a partnership with Baltimore City Head Start.
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We are the Maryland Science Center.
We inspire. We empower. We engage. Let’s science!

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Shapiro Sher
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Wallace Montgomery
WillScot

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Solstice Sponsors

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Constellation, an Exelon Company
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BD Life Sciences—Diagnostic Systems
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Catholic Schools
Barbara Marx Broccoli & Associates
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BB&T
Chesapeake Employers’ Insurance Company
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KPMG LLP
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Public Grants

The Citizens of Baltimore County
Baltimore County Commission on Arts and Sciences—Operations Support

City of Baltimore
Operations Support

Howard County Arts Council through a grant from the Howard County Government
Arts and Cultural Grant—Operations Support
Outreach Howard—Outreach Programming

National Aeronautics and Space Administration
Understanding the Sun

Private Grants

Association of Science—Technology Centers & National Aeronautics and Space Administration’s Universe of Learning
Planetarium Programming

Bank of America
Museums on Us

Delaplaine Foundation, Inc.
Free Admission Program Support for Frederick County School Groups

Goldsmith Family Foundation
Free Admission Program Support for Baltimore City Public School Groups

The Harry and Jeanette Weinberg Foundation, Inc.
Outreach Programming

Hecht-Levi Foundation, Inc.
Operations Support

The John J. Leidy Foundation
Free Admission Program Support for Maryland School Groups

Joseph and Harvey Meyerhoff Family Charitable Funds
City Neighborhoods Outreach Program

The Kahler Foundation
Free Admission Program Support for Carroll County School Groups

T. Rowe Price Foundation
Support of Mission Related Programs and Operations

Transamerica Foundation
Free Admission Program Support and “Ready, Set, Go Science” Support
### Corporate Sponsors
- Chesapeake Employers’ Insurance Company
- The Shed
- Sinclair Broadcast Group, Inc.
- CW Sunday’s Promotion

### Matching Gift Companies
- BD
- Constellation, an Exelon Company
- Pfizer Foundation

### In-Kind Gifts

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<tr>
<th>Company Name</th>
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<tbody>
<tr>
<td>iFly</td>
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<td>iRobot Vacuum</td>
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<td>Kimpion Monaco Hotel</td>
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<td>Liberty Mountain Resort</td>
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<td>Maryland Department of Commerce</td>
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<td>Michael Owen Art</td>
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<td>Near and Deer—Faux Taxidermy &amp; Unique Home Decor</td>
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<td>Olney Theatre Center</td>
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<td>PNC Bank</td>
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<td>Robert McCintock</td>
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<td>Rusty Scupper Restaurant</td>
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<td>Sagamore Pendry Baltimore</td>
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<td>Sagamore Spirit</td>
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<td>Sergio’s Fine Jewelry</td>
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### A Special Thank You to Our Volunteers

<table>
<thead>
<tr>
<th>Name</th>
<th>Company Name</th>
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<tbody>
<tr>
<td>Sarah Abdalla</td>
<td>Rankin D’Souza</td>
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<td>Grace Adelmeke</td>
<td>Meg Eil</td>
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<td>Jenn Anderson</td>
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<td>Breyana Andrews</td>
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<td>Cesar Ascari</td>
<td>Kiara Fleming</td>
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<td>Linda Asselinke</td>
<td>Elizabeth ‘Lizzy’</td>
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<td>Thomas Ahearn</td>
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<td>Nicole Aust</td>
<td>Doug Freeman</td>
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<td>Alex Ballo</td>
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<td>Rit Gupta</td>
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<td>Erica Loughry</td>
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<td>Daniel Packard</td>
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<td>Rosemary Peterson</td>
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<td>Ben Raab</td>
<td>Emma Reese</td>
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<td>Eric Rheuame</td>
<td>Karen Richmond</td>
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<td>Virginia 'Granny' Reach</td>
<td>Megan Santamore</td>
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<td>Harvey Schein</td>
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<td>Viva Shuyuan</td>
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<td>James Taylor</td>
<td>Cecilia Tannous-Taylor</td>
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<td>Santiago Trejo</td>
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<td>Isabel Veloso</td>
<td>Steve Weinberger</td>
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<td>Kimberly Wilks</td>
<td>Sidney Welinski</td>
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<td>Gary Zimmerman</td>
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### Volunteer Groups
- AmeriCorps Reading Partners
- Constellation, an Exelon Company
- Emergent BioSolutions
- Maryland Department of Labor
- University of Maryland, Baltimore County
- Under Armour
Revitalization Today—Securing the Future! Campaign Donors

Contributions to the Revitalization Today—Securing the Future! campaign reinvigorate the Maryland Science Center experience, support critical programs, and create the financial stability that will enable us to support the next generation of thinkers, innovators, and leaders. To date $6,749,890 has been raised of our $7,500,000 goal.

Beneﬁciaries of the Academy ($1,000,000+)
Ms. Mary Catherine Bunting

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Jim and Melanie McHugh
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Calman Zamoiski

The success of the Maryland Science Center and the Revitalization of Today—Securing the Future! Campaign depends on you. It’s only through your commitment to education and our children that we can provide the experiences, knowledge, and curiosity that will create the future that our children want and deserve.

We invite you to make that commitment through a generous contribution to the Revitalization of Today—Securing the Future! Campaign.

To discuss how you can support science education, please contact Marty Perreault at 410.545.5970 or mperreault@mdsci.org.

Many thanks to all members who have given to the Revitalization Today—Securing the Future! Campaign

This report reflects gifts to the Maryland Science Center from July 1, 2018 through June 30, 2019. Every effort has been made to ensure accuracy. Please call the Development Office at 410.545.5894 for more information or questions.
FY 2019 Financial Summary

Income

- Earned Income 70%
- Private Support 17%
- Public Support 13%

Expenses (excluding depreciation)

- Mission Related 77%
- General and Administrative 13%
- Fundraising 6%
- Interest 4%

HISTORY OF THE MARYLAND ACADEMY OF SCIENCES AND THE MARYLAND SCIENCE CENTER

The Maryland Academy of Sciences is Maryland's oldest scientific institution and one of the oldest such institutions in the entire nation.

At its inception in 1797, the Academy was an amateur scientific society. Members met to discuss papers on astronomy, botany, zoology, and other subjects then known as the "natural sciences".

As the Academy continued its work through the 1800's and 1900's, its ranks included distinguished members named Pratt, Carroll, Latrobe, Audubon, Goucher, and Pershing. As the years progressed, the Academy moved from location to location seeking larger space where visitors could engage in science rather than a place where they look at static collections of rocks and fossils. The vision became reality with the opening of the Academy's Maryland Science Center in 1976 at Baltimore's Inner Harbor.

For more than 40 years, the Maryland Academy of Sciences, through its programs and exhibits at the Maryland Science Center and throughout the Mid-Atlantic region, demonstrates a commitment to emphasize the importance of Science, Technology, Engineering, and Mathematics (STEM). No other institution in the state reaches more teachers and students through its outreach programs and on-site visits dedicated exclusively to informal STEM education.

501 Light Street Baltimore, MD 21230 www.marylandsciencecenter.org

The Maryland Science Center is a 501(c)(3) non-profit organization.