2018-19 Annual Report
Buffalo Society of Natural Sciences
Buffalo Society of Natural Sciences

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Dear Friends,

This past year was full of incredible accomplishments for Tifft Nature Preserve and the Buffalo Museum of Science. I am pleased and gratified to thank you for helping to generate such tremendous success. With your support, each day we create high-impact programs and experiences for guests of all ages in fulfillment of our belief that science creates opportunities and shapes our world.

From hosting a series of outstanding exhibits at the Museum; to the completion of the vernal pools project and trail at Tifft; and the continuing increase in our programming impressions, collections care, and stewardship impact, together, we made great strides in forwarding our mission.

It is my pleasure to share the enclosed highlights from the past year. These include the state’s investment of $2.6 million to help restore our north façade and make the Museum’s original stairs accessible, hosting the world-traveling exhibition The Art of the Brick, and welcoming thousands of online viewers at home and in classrooms to follow along as three osprey chicks came into the world, learned life skills, and eventually fledged from the nest. Once again in FY 19, the Buffalo Society of Natural Sciences has proven itself a premier cultural institution and a go-to destination for informal STEM learning and entertainment.

Thank you for being a part of the Buffalo Society of Natural Sciences family and for doing so much to help us produce these critical initiatives. Together, we are working to raise the level of science literacy and engagement for all in our community.

With great appreciation,

Marisa Wigglesworth
President and CEO
See It Through

In 2010, the Buffalo Society of Natural Sciences began its eight-year, $8.1 million See It Through campaign, the most ambitious transformation of the Buffalo Museum of Science since opening in 1929. The See It Through campaign sought to complete the modernization of the Museum’s existing exhibit spaces from the ground up, updating each gallery with a different science theme.

With the support of the WNY Community, the formerly diorama-based exhibits on the four floors of the Museum evolved over the next eight years into 10 highly interactive and immersive state-of-the-art science studios.

Within the 10 science studios, the Museum’s six areas of Collections are displayed along with hands-on exhibits that provide context and allow visitors to physically engage with the science concepts presented. The goal of the See It Through campaign was to create a highly effective experiential learning environment suitable for learners of all ages.

From the early childhood gallery Explorations to the nine studios that explore the human body, paleontology, zoology, anthropology, astronomy, physics, entomology, nutrition, and earth science, each exhibit supports the NYS Core Curriculum and provides an informal science environment that excites and inspires.

The See It Through campaign officially concluded in September of 2018 as we celebrated the re-opening of the historic Kellogg Observatory. The See It Through campaign would not have been a success without the philanthropic support to further our mission of increasing the level of science literacy and STEM education for all in our community.

The following page outlines the renovations and new spaces made possible by the generosity of our supporters.
Explorations, 2010
Designed for early childhood development and science learning, Explorations features interactive stations with play themes focusing on a variety of science-based concepts and encourages adult-child interaction.

Explore YOU Presented by Independent Health, 2012
Explore YOU presented by Independent Health, offers a hands-on approach to health and invites guests to explore anatomy, biology, genetics, healthy lifestyles, and explores achievements in health science that have been made right here in the Buffalo Niagara region.

Our Marvelous Earth, 2012
Discover our Earth's systems and the alternative forms of energy our planet provides. This highly interactive space, that is generously presented by the Ackerman family, also features items from our Geology Collection, weather-measuring instruments used by generations past, and the Museum's famed Bentley Snowflake Collection.

Bug Works, 2013
Bug Works is about the kinds of bugs that creep, crawl, and fly, and their place and purpose in our ecosystem. Explore interactive stations and observe specimens from the Museum’s Entomology Collection, including a selection of its famous Marchand insect models.

In Motion, 2013
Explore the basics of physics, mechanical motion, engineering, and organic motion through a highly-interactive studio space.

Artifacts, 2014
Artifacts features a selection of incredible pieces from the Museum's Anthropology Collections and explores the similarities across cultures as evidenced by the objects we create.

Rethink Extinct, 2015
Take a journey through time to explore the past – and the future – of life on Earth. Investigate events that made the headlines in Earth’s history, learn why extinction is necessary for the ongoing diversity of life, and discover how human actions may be driving the next mass extinction.

Biodiversity, 2015
Biodiversity highlights the Museum’s rich Natural History Collection to explore the inhabitants of the rainforest, African savanna, American prairie, the arctic, and the coastal waters of the northern Pacific.

Yum! Presented by Wegmans, 2016
Healthy living is achieved through a series of decisions. Through hands-on, interactive activities, guests of all ages will learn not only the “how to,” but also the “how come?” of healthy living in a fun and engaging way.

Buffalo in Space, 2017
Buffalo in Space focuses on regional stories that connect us to the space and aerospace industries and illustrate current research. The exhibit highlights achievements in aerospace by local companies, while also recognizing that space represents the greatest – and wildest – of all possible frontiers.

Kellogg Observatory, 2018
The Buffalo Museum of Science is proud to open the skies once again to a new generation of explorers. The fully restored Lundin telescope is now powered by state-of-the-art mapping technology. The roof deck and dome pier are both fully accessible for all Museum guests.
Looking to the Skies

Having fallen into disrepair and in need of critical safety improvements, the Buffalo Museum of Science’s Kellogg Observatory silently anchored Buffalo’s East Side for over two decades. But in 2018, as the Buffalo Society of Natural Sciences approached the end of its eight-year capital campaign to renovate the Museum’s permanent exhibit spaces, all efforts turned toward the final philanthropic push that would restore the beloved rooftop icon.

Dubbed the See It Through campaign to help realize the completion of the multi-year plan, Museum supporters – from individuals to corporations and foundations and local government – came together to provide the generous funding needed to make the necessary repairs to the equipment and facility.

In a formal ribbon cutting ceremony held on the Museum’s rooftop in summer 2018, the fully restored Lundin telescope was dedicated the “E.E. Both Memorial Telescope” in celebration and memory of beloved Museum educator Ernst Both. The Both telescope now rests safely under a durable, aluminized steel dome and is powered by state-of-the-art mapping technology. Both the roof deck and dome pier were made fully accessible for all Museum guests thanks to the installation of a limited use/limited application (LULA) elevator generously donated by Bill and Jean Irr and their family. The wheelchair lift insures that guests of all physical ability can access astronomy programming without limitation.

The renovated Kellogg Observatory marked the end of the See It Through campaign, and the beginning of the Museum’s new identity as a contemporary, state-of-the-art facility engaging for audiences of all ages. Seeking to invest in an updated brand identity that adequately reflected the revitalized Museum, the Kellogg Observatory re-opening also marked the launch of the Museum’s new logo and Find Why brand.

Commercials and billboards beckoned to Western New Yorkers to visit a Museum markedly different than their childhood memories, and sleek signs and banners throughout the building welcomed guests to a contemporary institution of learning and discovery.

FY 2019 marked the first full year of Kellogg Observatory viewings, reopening the skies to a whole new generation of explorers. Since then, many families have been able to enjoy our rooftop and experience breathtaking views of the solar system. The momentum from the restored Observatory allowed us to expand our astronomy programs and camp offerings and rent out our roof as a premier event venue.

Under its new brand, the Buffalo Museum of Science welcomed visitors at a rate that outpaced budgeted attendance. Many of our adult guests remarked on how much had changed since a childhood field trip. As the Museum continues to provide educational and entertaining experiences for all ages, we challenge our guests to Find Why.

Find Why.
“I can always say in 2018 we were able to open up the skies to a whole subset of individuals in our community who never had that opportunity before.”

Mark Poloncarz, Erie County Executive
Community Partnerships

The Buffalo Society of Natural Sciences recognizes that our unique collections of specimens and artifacts truly belong to the community and, as part of our mission to elevate science literacy in our region, we prioritize making our Collections accessible to community partners and organizations.

When the opportunity was presented to us to partner with the Playwrights of WNY for a collaborative playwriting festival in 2019, we saw this as a chance to expand our reach to new audiences.

The idea was creatively simple: those wishing to enter the festival would write a 10-minute play that featured at least one Collections piece in whichever way the playwright determined. The Museum selected six objects from our anthropology, geology, zoology, botany, and entomology Collections and presented Playwrights of WNY with photos and a brief description of each.

While the Collections items presented to each playwright were the same, the inspiration each writer took from the Collections was unique and submissions ranged wildly in their tone. Some Collections pieces became characters, others became props for historic figures, and some drove the plot. We received plays across all genres including tragedy, historical, experimental, and farcical.

Twelve plays were submitted and scored by Museum staff, the top six of which were performed in the Museum’s auditorium as a staged reading open to the public. The event was a great way to highlight the breadth of our Collections and invite guests to consider the objects in a new context. The top-ranked playwright was awarded a year membership to the Museum where they were able to come back and continue to glean inspiration from our Collections for future plays.
We are thrilled to report that funds generously awarded to the Buffalo Museum of Science through the Ralph C. Wilson Foundation’s STEM 2035 Initiative enabled the 2019 launch of our Teen STEM Initiative (TSI).

The program is offered to teens on Buffalo’s East Side and provides participants with STEM learning and job-readiness skills. By piquing STEM interest in teens, TSI allows youth ages 14 to 18 to explore diverse fields of study and provides them social and emotional experiences and mentorship that will serve them well while they’re deciding whether to apply to college, complete a certificate at a trade school, or enter the workforce.

In its inaugural year, TSI welcomed nine participants, ranging in age from eighth grade to senior year, from a pool of 25 applicants. These participants met twice a week during the school year and four times a week during the summer to discover a wide array of STEM fields.

Topics, developed in partnership with the participants, ranged from sound engineering to cooking, CPR, American Sign Language, aerodynamics, construction, environmental stewardship, and more. Students of the program have expressed their appreciation of the experience and the exposure to varied avenues of study.

Participant Jasmine Gales stated her appreciation for organizations like the Ralph C. Wilson Foundation, who care about investing in the future of WNY teens.

“I think it is cool that people think that this is important enough to fund programs for older teens and not view us as a lost cause,” says Jasmine. “It is cool to see people interested in working with teenagers to change their lives.”

Although the TSI program provides plenty of experiences, skills, and resume-building opportunities to help assure the long-term success of students, for some, participation could mean forgoing a part time job that could provide an immediate source of income. To ensure that no TSI student needs to sacrifice financial support for educational opportunity, students in good standing with the program receive a monthly monetary stipend for their participation. In order to alleviate concerns about transportation to and from the program, a City of Buffalo bus pass is also provided.

As we continue through the second year of the TSI, older students are applying to colleges and internships in the STEM field while younger participants continue to discover more about themselves and their passions in STEM. The program has expanded to welcome three additional students from Buffalo’s East Side interested in exploring hands-on and real-world connections to science, technology, engineering, and math.
In the first weeks of February 2019, Western New York hosted a unique visitor. HUGMAN, a green, 16-inch-tall man built from LEGO® bricks was photographed at local landmarks and pop culture locations. Thankfully, this lone traveler was reunited with his friends on February 9 when the Buffalo Museum of Science welcomed a host of other LEGO® brick creations as it celebrated the opening weekend of The Art of the Brick.

Running through May of 2019, The Art of the Brick, presented by M&T Bank and created by Nathan Sawaya, provided the Western New York Community with a mesmerizing gallery of art constructed exclusively out of LEGO® bricks. The exhibit combined creativity, levity, and spatial intelligence to transform LEGO® bricks into re-imagined works inspired by DaVinci, Van Gogh, and Michelangelo, among 100 other works entirely comprised of LEGO® bricks.

The display provided a dynamic experience that demonstrated that science, engineering, and art can work in unison to create innovations and advance our future. A secondary part of the exhibition, The Science of the Brick presented by AAA Western and Central New York, provided guests a play space to participate in hands-on building, engineering, and design interactivities which served to engage the Museum’s guests and enhance their experience while complimenting the Museum’s STEM initiatives.

Throughout the 13-week run, the Museum buzzed with activity as guests visited the exhibition, interacted with our many science studios, and participated in a number of specially-themed programs. An adult-only Science After Hours program, a LEGO® brick themed Discovery Camp, and LEGO® themed Birthday Parties were highlights for guests.
The fun continued throughout the waning moments of the exhibition as the Museum remained open for the final thirty hours of the exhibit’s run from Saturday, May 4th at 10 a.m. through Sunday, May 5th at 4 p.m.

The Buffalo Society of Natural Sciences is extremely pleased with the success of *The Art of the Brick*. **When preparing for this exhibition, the attendance goal was set at 30,000. We reached that benchmark halfway through the run and more than doubled attendance projections by the end with over 60,000 visitors.**

*The Art of the Brick* was the first exhibition to be hosted in the Museum’s recently renovated Temporary Exhibition Gallery. **Through an extraordinary gift by the late Richard Garman, the Museum was able to outfit the space in a manner befitting the presentation standards of the globally touring exhibition.** Repaired duct work, new HVAC, paint, drywall, flooring, and upgraded lighting and audio/video capabilities, transformed the space, and allowed us to bring the world-class exhibition to Western New York audiences.

Thank you to the family of Richard Garman, whose generous bequest made it possible for the Museum to provide the perfect venue to host the world-class *The Art of the Brick* exhibit. Additional thanks to our generous sponsors, our amazing guests, and all the volunteers who made this exhibit a success!
During the 2019 Fiscal Year, the Buffalo Society of Natural Sciences adopted a new Strategic Plan for Tifft Nature Preserve. This Strategic Plan, which will guide the actions of Tifft Nature Preserve through September 2020, was developed after extensive conversations with internal staff and key collaborators and stakeholders.

At the root of the discussion was an examination of the current state, assets, challenges, and the future hopes for Tifft Nature Preserve.

In addition to striking the balance between Tifft being enjoyed by visitors and maintaining the health of the ecosystem, highlights of the strategic discussions include challenges with fundamental public awareness of the preserve, lack of awareness of the connection between Tifft and the Buffalo Museum of Science, potential visitors not knowing how or why they might visit Tifft, and limited understanding of proper behavior when on a nature preserve.

The Society agreed that, as a major asset in the community, Tifft’s story needs to be leveraged to both educate and drive traffic as well as inspire funding, use, and stewardship. Informed by these discussions, the 2018-2020 Tifft Strategic Plan includes four objectives meant to tackle the challenges faced by the Preserve and leverage the unique strengths and opportunities for the betterment of nature and the community. These goals will strengthen Tifft’s presence in the community, increase the impact of environmental education efforts across Western New York, and ensure the Preserve remains a healthy habitat for the plants and animals that call it home and the individuals who come to experience nature next door.
#TifftOspreyWatch

For the last decade, one particular wildlife family has piqued the interest of Tifft Nature Preserve visitors and staff: a pair of osprey that have migrated to the Preserve every year since 2011. For some background, osprey are large birds of prey that inhabit coastal regions and mate for life. Osprey have recently seen their numbers grow in Western New York as environmental protection laws have eradicated dangerous pesticides that plagued osprey populations for decades.

The popularity of our annual visitors soared in 2018, the Society began the #TifftOspreyWatch campaign. Featuring photos from local birders and photographers, these snapshots gave us insight into the lives of these magnificent birds of prey. In response to the growing demand for osprey updates, we were able to take #TifftOspreyWatch to another level in 2019. Thanks to the generosity of the East Hill Foundation, Tifft was able to install a high-definition wildlife monitoring camera to live stream footage of the osprey nesting platform on the Preserve.

The camera, located on a towering utility pole overlooking Lake Kirsty, digitally broadcasts live video to the Tifft website and social media channels for worldwide viewing. Preserve visitors were also able to view the live feed via a new digital screen inside the Herb & Jane Darling Environmental Education Center.

Viewers were able to tune in beginning April 30, 2019 and were greeted by the pair of osprey roosting over their eggs. Thanks to some detective work from our online audience, we were able to deduce that three eggs were in the nest. Viewers didn’t have to wait long for the big moment! On May 24, 2019 at 1:04 p.m. the first hatchling broke through its shell. The video clip of the hatching reached 19,000 people online and had thousands of online views.

Over the summer, we watched the three osprey fledglings grow up right before our eyes. We watched their first flight, their first successful hunt and many sibling squabbles. We even got a literal birds eye view as the osprey parents defended their nest against not one, not two, but three Bald Eagles!

When it came time for the osprey family to migrate south for the winter, our team bid farewell and had an opportunity to reflect on the many successes of the camera. Tens of thousands of people tuned in to the livestream on Tifft’s website and social channels. Classrooms around Western New York followed the osprey family, engaging with the Preserve throughout the summer. As we look forward to 2020, we are excited to welcome back the osprey pair with our fingers crossed for another successful mating season.
Taking Steps Forward

On March 19, 2019, as the Buffalo Museum of Science was celebrating its 90th year on Humboldt Parkway, CEO Marisa Wigglesworth was informed of an additional cause for celebration. The Buffalo Society of Natural Sciences was awarded $2.6 million in grant funding from the state’s recently announced East Side Corridor Economic Development Fund for crucial building improvements, specifically the restoration of the Buffalo Museum of Science’s historic north entrance and limestone façade.

This monumental grant came as part of Governor Andrew M. Cuomo’s $65 million investment to improve the quality of life for Buffalo’s East Side residents and is tied to the Governor’s larger $1.5 billion investment in Western New York. The funding will supplement the $1.16 million the Museum has secured from the City of Buffalo and the Dormitory Authority of the State of New York to undergo a full restoration of the blighted façade and north entrance, which served as the original Museum entrance in 1929. When completed, the project will provide a destination for passive recreation and pedestrian gathering for Museum guests and the East Side community.

The $2.6 million grant, one of the largest in the Museum’s storied history, will also allow for future accessible community programming on the Buffalo Museum of Science formal stairway.

“We hope people will come out and enjoy the park and relax on the stairs. The museum can do programming on the stairs, and we will absolutely invite the other community organizations to benefit from using the stairs, as well,” said Marisa Wigglesworth.

The Museum is working with City of Buffalo officials to advance the restoration of the original grand staircase on the north side of the building.

This exciting project is expected to begin in 2021.
Because of you, amazing things happen at the Buffalo Museum of Science and Tifft Nature Preserve each day. We believe that science creates opportunities and shapes our world. Your generous support reflects how you value the importance of the science around us. Your gifts provide access to all in our community, especially those in under-resourced communities, to the wonders of science and the opportunities of STEM.

Thank you for your generous support!

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Mr. and Mrs. Rich and Yvonne Treen
Mr. and Mrs. John and Carrie Turski
Dr. John H. Twist
Mr. and Mrs. Robert and Bridget Vaccaro
Ms. Francine Valvo
Dr. Patricia B. Van Verth
Mr. William K. Wachob and Ms. Lesley Lannan
Mr. and Mrs. Bob and Rae Wallace
Ms. Sigrid Weinschreider
Mr. Michael A. Weishaar and Ms. Chelsea Kendra
Mrs. Marilyn Welker
Ms. Augustine Wheeler and Ms. Rachael Wheeler
Mrs. Claudine Wierzbicki
Ms. Susan Willet
Mr. Walter M. Witmer
Dr. Megan Witzleben and Mr. Todd Witzleben
Mr. and Mrs. Martin S. and Helen R. Wright
Mr. and Mrs. Lawrence and Maria Zamojski
Mr. and Mrs. Paul and Arlene Zawadzki

*Board Member  **Staff  +Museum Kids  xxVolunteer
Tifft Nature Preserve
$5,000 - $24,999
Mrs. Ellen Neumaier

$5,000 - $24,999
Anonymous

$100 - $999
Mr. Christopher Andrle*
Mr. and Mrs. Charles
and Alice Brown
Mr. Chris Campbell
and Mr. Richard Gronostajski
Ms. Maryann Conrad
Mr. and Mrs. Herbert
and Jane Darling
Ms. Teresa M. Doan**
Ms. Elizabeth J. Hassett
Mrs. Rose Anne Nagy
Dr. and Mrs. John
and Jane Tomaszewski

Additional Gifts
Mr. and Mrs. Daniel
and Jeanne Archilla
Mr. and Mrs. Harry
and Kathryn Babcock
Mr. Brian Ball
Mr. Lawrence Bartos
Mr. James M. Beardsley**
and Ms. Ellen M. Gibson**
Ms. Carol Berny
Mr. and Mrs. Paul
and Helen Black
Mr. James M. Bonito
Mr. and Mrs. Richard
and Rita Burk
Mrs. Sue Buyer
Mr. Thomas L. Cornell
and Ms. Emily M. Sityar
Mr. and Mrs. Peter
and Teresa Corrigan
Ms. Bonnie L. Crane
Mr. James J. Davern
Mr. and Mrs. Robert
and Mary** Dickerson
Mr. John Duffy Fornes
Mr. and Mrs. John
and Nancy Edwards
Mr. John C. Felix
Mr. William D. Fenston
Mr. and Mrs. Steve
and Madalyn Fliesler
Mr. Jack M. Foran
Mrs. Anne Gayley
Mr. Wayne S. Grimaldi
Ms. Susan R. Hakala
Mr. and Mrs. Allen
and Dorothy Hammer
Mr. Richard R. Haynes
Ms. Nancy Higgins
Mr. and Mrs. David
and Gloria Hirschbine
Mr. John Karyczak
Mr. and Mrs. Eugene
and Linda Kasperek
Mr. Edward J. Kolodziej, Jr.
Ms. Audrey M. Kryzuda
Dr. and Mrs. Richard
and Roselyn Laub
Mr. and Mrs. James
and Darlene Lavin
Miss Robin Lewis
Mr. and Mrs. Harvey
and Susan Lichtblau
Ms. Susan J. Lindquist
Ms. Karen Linton
Ms. Joan Gilmartin Manias
Mr. Jeff March
Ms. Mary Marchal
Ms. Carol Anne Matthner**
Ms. Julie Misegades
Mrs. Nancy Moore
Mr. and Mrs. Paul
and Rozanne Myka
Mr. Robert T. Nagowski
Mr. and Mrs. Russell
and Christine Nugent
Mr. and Mrs. Thomas
and Ida O'Connor
Mr. and Mrs. Jared
and Alicia O'Donnell
Mr. and Mrs. Joseph
and Phyllis O'Donnell
Ms. Sandra J. Oszust
Ms. Caroline Parrinello
Mr. Ronald W. Parylo
Ms. Rosemary Petti-Schaner
Ms. Krista A. Pignataro
Mr. James Podanowski
Ms. Susan Puerner
Mr. Iain Ramage
Ms. Iris D. Reese
Mr. Harold E. Rodehaver
Mrs. Mary A. Rowell
Mr. Paul M. Sabato
Mr. Jerome J. Schentag
Mr. and Mrs. Frank
and Vanessa Scinta
Ms. Evelyn Seiler
Ms. Nora J. Sekerke
Mr. Robert Shibley
and Ms. Lynda Schneekloth
Mrs. Margot Shoemaker
Dr. Delip Sinha
Mr. Leonard Skrill
and Ms. Sharon Murphy
Mr. William H. Smith
Mr. and Mrs. Giuseppe
and Suzette Spagnolo
Mr. Jeffrey Scott Strong
Ms. Christine St. James
Mr. and Mrs. Danny
and Sally Staats
Ms. June U. Stillwell
Mr. and Mrs. Joshua
and Laura Strauss
Ms. Stefani M. Szalay-Damm
Ms. Premleela Thacore
Mr. William Tifft
Mr. Garin M. Tomaszewski
Ms. Barbara A. Tucker
Ms. Sandra J. Vanich
and Ms. Valerie Vanich
Ms. Sharon A. Wardzala
Mr. and Mrs. Allan
and Marcelina Weidrich
Ms. Pat Wolf
Ms. Susan E. Woods
Mr. and Mrs. Cy
and Virginia Yerkovich

*Board Member   **Staff   *Museum Kids   **Volunteer
Corporations, Foundations, and Government Agencies
We are grateful to the following organizations for their unrestricted, special program, sponsorship, capital, and event support in 2019.

$500,000 and above
County of Erie

$100,000 - $499,000
CCNY Inc.
Board of Education - City of Buffalo
Buffalo & Erie County Greenway Fund Standing Committee
Natural Heritage Trust
ZBGA Program
New York Power Authority

$50,000 - $99,000
The Cullen Foundation
KaBoom!
Mary Louise Olmstead Fund at the Community Foundation for Greater Buffalo
Northwest Buffalo Community Center, Inc.
Ralph C. Wilson, Jr. Legacy Funds

$25,000 - $49,000
Montgomery Family Foundation
M&T Bank
National Grid
Wegmans Food Markets Inc.

$15,000 - $24,999
Moog, Inc.
National Fuel Gas Company
Arthur H. & Olga M. Rosche Environmental Education at the Community Foundation for Greater Buffalo

$5,000 - $14,999
Bank of America
Buyer Charitable Fund
The Edward H. Butler Foundation
Centene Management

Golden and Goldman
Philanthropic Fund at the Foundation for Jewish Philanthropies
HealthNow New York Inc.
Herbert F. & Jane K. Darling Philanthropic Fund at the Community Foundation for Greater Buffalo
Linde
Northrop Grumman
Amherst System
RP Oak Hill Building Company
Tower Family Fund, Inc
Turner Construction Company
The VIYU Foundation

$1,000 - $4,999
Buffalo Bisons
Fidelity Charitable Gift Fund
Harvard Business School Club of Buffalo
Irr Supply Centers, Inc.
John H. Black Company
Kester Family Philanthropic Fund at the Foundation for Jewish Philanthropies
Kirst Construction, Inc.
Legacy II Fund at the Community Foundation for Greater Buffalo
MPZ Endowment Fund at the Community Foundation for Greater Buffalo
National Fuel Gas Company
The Fund for Nature at the Community Foundation for Greater Buffalo
The Braman Pomeroy Trust at the Community Foundation for Greater Buffalo
The Horace B. Pomeroy Fund at the Community Foundation for Greater Buffalo
Red Top Foundation
Rigidized Metals Corporation
Thomas Johnson, Inc.
Tifft Nature Preserve Fund at the Community Foundation for Greater Buffalo
Transwave
UBS Financial Services, Inc
United Way of Buffalo & Erie County
University at Buffalo School of Engineering and Applied Sciences
Wittburn Enterprises, Inc.

Additional Gifts
American Online Giving Foundation, Inc.
Amherst Garden Club
Joan B. Alexander Philanthropic Fund at the Foundation for Jewish Philanthropies
Mr. and Mrs. Raymond Bernhardt, Jr. Philanthropic Fund at the Foundation for Jewish Philanthropies
The Virgil A. & Margaret Black Memorial Fund at the Community Foundation for Greater Buffalo
BleachBright of Buffalo
Buffalo Crown Vending
Burnett Rev Trust
BXI Consultants, Inc.
Carmax Foundation
Chemung Canal Trust Company
CNY Arts, Inc.
Columbus McKinnon Corporation
Colvin Cleaners Inc.
CSI Group, LLC
Doyno Family Charitable Fund
Dopkins Philanthropic Fund at the Community Foundation for Greater Buffalo
D’Youville College
East Aurora Bird Club
East Aurora Garden Club
Fowler’s Chocolates
Gondree Family Fund at the Community Foundation for Greater Buffalo
Graham-Kucera Philanthropic Fund at the Community Foundation for Greater Buffalo
Graham-Kucera Philanthropic Fund at the Community Foundation for Greater Buffalo
House of Munch
IBM Corporation
Kenneth R. Kahn & Linda Angert Kahn Fund at the Community Foundation for Greater Buffalo
Lakomy Lyles Fund
McGard LLC

*Board Member **Staff ‘Museum Kids “Volunteer
Designated Contributions
We are grateful to the following individuals who have made generous gifts in support of restricted projects in 2019.

Anonymous
Mr. Edmund Bayruns and Ms. Marisa L. Wigglesworth**
Ms. Deborah Chadsey
Mr. and Mrs. Arthur and Elaine Cryer
Mr. and Mrs. Kevin* and Karen Curran
Mr. and Mrs. Herbert and Jane Darling
Mr. and Mrs. Mark and Kathy* Gliede
Mr. Thomas C. Hunt and Ms. Laurie Dann xx
Mr. and Mrs. Karl and Suzanne Krebs
Mr. and Mrs. Robert* and Mary Ann Kresse xx
Ms. Martha L. Lamparelli
Mr. and Mrs. E. Dennis and Sandra McCarthy
Dr. Cora E. Musial* xx
Ms. Onkham Rattanaphasouk*
Mr. and Mrs. Gary* and Cynthia Schwartz *
Mr. and Mrs. Scott* and Rachel Stencil Kl
Mr. and Mrs. Ronald* and Mary Ann Tanski
Dr. and Mrs. Raymond* and Shelia Vaughan

Event Sponsors
Fundraising events provide outstanding opportunities to gather in celebration of the Buffalo Museum of Science and Tifft Nature Preserve, enjoy special experiences in these venues, and to expose new audiences to our organizations. We are grateful to our 2019 event sponsors.

Tifft at Twilight Sponsors
Bank of America
BXI Consultants, Inc.
Ellicottville Brewing Company
Ferguson Electric
GHD Services
Herbert F. Darling, Inc.
Hodgson Russ LLP
Independent Health
Lumsden & McCormick LLP
Moog, Inc.
Mr. and Mrs. Susan* and Michael Nowicki
Rigidized Metals Corporation
USI Insurance
Vogt Sprinkler Service Inc.
Wittburn Enterprises, Inc.

Beerology Sponsors
Buffalo Beer Goddesses
Key Bank of New York

Get a Clue Sponsors
Crowley Webb & Associates
Ferguson Electric
RP Oak Hill Building Company

*TBoard Member   **Staff   *Museum Kids   **Volunteer
THANK YOU VOLUNTEERS

TOTAL VOLUNTEERS IN 2019
132

TOTAL HOURS SERVED IN 2019
10,832

15 ORGANIZATIONS VOLUNTEERED THEIR TIME AT THE MUSEUM & TIFFFT
### Operating support and revenue

*Net assets without donor restrictions*

<table>
<thead>
<tr>
<th>Source/Activity</th>
<th>Amount</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public sources</td>
<td>$1,308,408</td>
<td>26%</td>
</tr>
<tr>
<td>Contributions</td>
<td>648,154</td>
<td>13%</td>
</tr>
<tr>
<td>Admissions</td>
<td>1,201,876</td>
<td>24%</td>
</tr>
<tr>
<td>Education and other fees</td>
<td>799,316</td>
<td>16%</td>
</tr>
<tr>
<td>Proceeds from endowment designated for operations</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Membership</td>
<td>512,69</td>
<td>10%</td>
</tr>
<tr>
<td>Museum shop sales, net of costs of $41,202</td>
<td>45,953</td>
<td>1%</td>
</tr>
<tr>
<td>Special events</td>
<td>108,770</td>
<td>2%</td>
</tr>
<tr>
<td>Net assets released from restrictions for operations</td>
<td>364,910</td>
<td>8%</td>
</tr>
<tr>
<td><strong>Total operating support and revenue</strong></td>
<td><strong>4,990,078</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

### Operating expenses

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curatorial</td>
<td>298,120</td>
<td>6%</td>
</tr>
<tr>
<td>Education</td>
<td>1,318,083</td>
<td>29%</td>
</tr>
<tr>
<td>Experience</td>
<td>1,119,591</td>
<td>24%</td>
</tr>
<tr>
<td>Management and general</td>
<td>1,060,131</td>
<td>23%</td>
</tr>
<tr>
<td>Marketing and fund development</td>
<td>821,306</td>
<td>23%</td>
</tr>
<tr>
<td><strong>Total operating expenses</strong></td>
<td><strong>4,617,231</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

### Operating surplus (loss) before depreciation

- Depreciation: 948,288
- **Change in net assets without donor restrictions from operations:** (575,441)

### Other changes:

<table>
<thead>
<tr>
<th>Source/Activity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net assets released from restrictions for capital purposes</td>
<td>10,325</td>
</tr>
<tr>
<td>Capital grants</td>
<td>261,341</td>
</tr>
<tr>
<td>Investment income (loss)</td>
<td>771,018</td>
</tr>
<tr>
<td><strong>Total other changes</strong></td>
<td><strong>1,042,684</strong></td>
</tr>
<tr>
<td><strong>Change in net assets without donor restrictions</strong></td>
<td><strong>467,243</strong></td>
</tr>
</tbody>
</table>

### Net assets with donor restrictions:

<table>
<thead>
<tr>
<th>Source/Activity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributions</td>
<td>365,787</td>
</tr>
<tr>
<td>Investment return on donor-restricted endowment assets</td>
<td>17,268</td>
</tr>
<tr>
<td>Net assets released from restrictions</td>
<td>(375,235)</td>
</tr>
<tr>
<td><strong>Change in net assets with donor restrictions</strong></td>
<td><strong>7,820</strong></td>
</tr>
<tr>
<td><strong>Change in net assets</strong></td>
<td><strong>475,063</strong></td>
</tr>
<tr>
<td><strong>Net assets- beginning</strong></td>
<td><strong>25,109,803</strong></td>
</tr>
<tr>
<td><strong>Net assets - ending</strong></td>
<td><strong>$25,584,866</strong></td>
</tr>
</tbody>
</table>
2018-2019 ATTENDANCE REPORT

TOTAL MUSEUM VISITORS
193,934

TOTAL TIFFT NATURE PRESERVE VISITORS
33,260

TOTAL SERVED, OUTREACH & OFFSITE PROGRAMS
31,623

2019 TOTAL COMBINED ATTENDANCE
258,817