

MOST*

MILTON J. RUBENSTEIN MUSEUM OF SCIENCE & TECHNOLOGY



2023
ANNUAL
APPEAL &
REPORT



"I'm so proud of the amazing work our team does every day. The MOST's unwavering commitment to bringing education and opportunity to people of all backgrounds is key to the bright future we see for everyone in Central New York."

Lauren Kochian, President

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Letter from the President

Dear Friend,

On behalf of the Milton J. Rubenstein Museum of Science & Technology, we are excited to share an overview of our successes from 2022 and 2023. These years of enhanced and expanded exhibits and programming led to significant growth and an exciting partnership with Micron. In this piece, you'll see our positive annual financial reports from 2022 and highlights of our accomplishments from 2023.

Thanks to your contributions over these past two years, we have carried on fulfilling our mission and vision in the Central New York area and beyond. As you make clear through your support, the MOST's engaging hands-on science education is paramount to inspiring all generations.

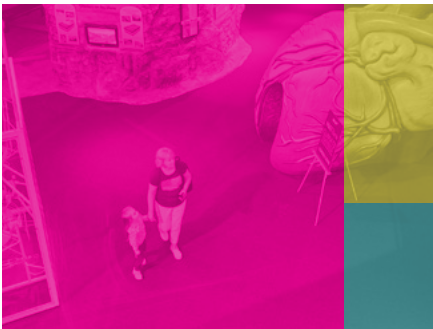
These last two years served as an excellent opportunity for the MOST to focus on expanding and improving exhibits and programming. This significant growth, coupled with grant support from Micron, enabled more robust IMPACT programming and a new permanent exhibit that reflects the MOST's vision. We hope you come to the museum soon and experience Micron's *DECONSTRUCTED: Semiconductors and Other Secrets Inside Everyday Technology!*

Thank you for your commitment to the MOST's motto of discover, learn & play—a direct reflection of the importance of accessible, hands-on science education in our community. As the year comes to a close, we hope you will continue to support the MOST's efforts to ignite curiosity, encourage discovery, and inspire investigation.

Sincerely,

Lauren Kochian, President

FY 2022 Audited Financials



Operating Expenses

Program Services	\$2,666,069
Management & General	\$265,675
Fundraising & Marketing	\$423,617
Total	\$3,355,361

Operating Support & Revenue

Gifts & Grants	\$2,837,701
Admissions*	\$568,169
Educational Programs	\$222,306
Memberships	\$151,939
Museum Store	\$127,205
Facility Rental	\$58,843
Miscellaneous	\$5,166
Total	\$3,971,329

*National Grid ExploraDome opened in April 2022

Total Assets & Liabilities

Total Fixed Assets	\$6,764,955
Right of Use Asset	\$1,639,036
Total Current Assets	\$758,388
Total Other Assets	\$366,961
Total Assets	\$9,529,340
Total Liabilities	(\$5,207,963)
2022 Total Net Assets	\$4,321,377

Exhibits



DECONSTRUCTED: Semiconductors & Other Secrets Inside Everyday Technology

Thanks to our incredible partnership with Micron, we have invested in a wide range of educational programs and opportunities to benefit our community. Our new DECONSTRUCTED exhibit lets visitors discover more about the semiconductors and other hidden building blocks at work inside the technologies we use every day.

DECONSTRUCTED lets visitors examine the past, present, and future of semiconductors and chips through artifacts, photos, videos, and more. The exhibit includes a STEM Skill Bar where guests can test creative thinking, logic, and problem-solving skills with a STEM Skills Challenge and build basic circuits, view chip parts under a microscope, and more in daily hands-on activity sessions.

Students from Pine Grove Middle School designed and built a chip manufacturing simulator that is featured in the exhibit, and a 3D model of Micron's planned chip fabrication facility in Clay, NY, shows the scale and complexity of this community-changing project.



Telecommunications Lab

Opened in February 2023, the Luck Grove Telecommunications Lab tells the story of long-distance communication, from visual signals and telegraphy to satellites and fiber-optics. Tour our Amateur Radio Station (K2MST), learn Morse code, try your hand at cable splicing, and more as you explore the tools and technologies of telecommunication methods throughout history and today.



Machines & Makers

In the democratic spirit of the “maker” movement, the Tessy Machines & Makers exhibit, presented by Marquardt, introduces the basic principles of machines and mechanical devices, explores their application and automation in a variety of consumer and industrial/manufacturing applications, and engages in interactive, hands-on activities

and prototype design using the engineering design process in the integrated MAKE Space.



Programs



CNY Robotics Challenge

Micron-Funded Programs

Micron's investment in the MOST and our community is widespread, supporting programs and opportunities that engage learners of all ages.

• STEAM Explorers Inclusion Programs

- **National Grid Future Innovators** connects Black, Indigenous, and People of Color (BIPOC) students in grades 6–9 with skill-based science learning opportunities along with support and mentorship from scientists and professionals of color in the CNY community.
- **Future Women in STEM**, in partnership with MACNY, connects middle school girls with female STEM professionals who lead students in a fun, hands-on activity.
- **DeSTEMber and Dollar Days**—More than 2,200 people took advantage of \$1 admissions during 5 days in December 2022, a 260% increase in visitors over the previous year!
- **CNY Robotics Challenge**—Engaged 21 teams with 112 students in grades 4–12 with the theme “Combat Climate Change.”
- **Winter & Spring School Recess Camps**—Kids ages 7–12 in three local school districts attended free thanks to Micron.
- **STEM Inclusion Showcases**—Displays and special hands-on activities about STEM professionals from underrepresented backgrounds.
- **Sensory Friendly Time** presented by Visions Federal Credit Union—Every third Saturday, we stay open late and adjust sounds and lights for guests who prefer a less stimulating environment.
- **Write Out**—This weekly after-school community writing collective partners college students, local writers, and professional authors with youth to provide a joyful literary experience.

SUNY ESF Summer Science Week

We held our largest ever summer science week camps with nearly 50 participants. Campers visited 12 local sites, and said that some of their favorites were the Covanta waste-to-energy facility in Jamesville, SUNY ESF's Heiberg Memorial Forest, and Onondaga County's Metropolitan Syracuse Wastewater Treatment Plant.



Events

Sensory Friendly Science Expansion

Our many new Sensory Friendly Science additions support our commitment to inclusion and access to STEM learning. Every third Saturday, we stay open late for guests who appreciate a less stimulating environment to enjoy and learn.

- During our monthly Sensory Friendly Times, we offer an ASL-interpreted National Grid ExploraDome screening
- Free sensory friendly kits are available daily that include headphones, fidget toys, and other tools
- We now offer a sensory-friendly option to choose from for our Birthday Party Labs
- New sensory-friendly play/activities have been added to our daily STEM Story Time sessions that are free to all visitors
- By engaging with our members and the local sensory-friendly community through survey and outreach, we are identifying the best times and resources for our targeted programs

February Break 2023

This year's break week featured a record-breaking 11,000 guests and a sold out winter recess day camp! Visitors enjoyed daily special demonstrations in Philip Cooper Hewitt Gem & Mineral Gallery and Rothschild Apothecary Shop, the premiere of our interactive Dino Bingo game, and special sessions/activities from MOST partners.



Nave Law Firm presents **TAP into the MOST**, September 29, 2023—At our popular annual event, nearly 1,000 guests tried more than 50 beverages and sampled foods from 20 local restaurants and vendors.

C&S Companies **Savoring Science** presented by *Alan Byer Volvo*, June 8, 2023—Supporters enjoyed cocktail hour at the MOST followed by an amazing multi-course meal at Lemongrass, prepared by Max Chutinthanond.

Chocolate Discovery, February 9, 2023—More than 200 attendees joined us for delicious gourmet chocolates, champagne, and a special planetarium show, *Star-Crossed Lovers*.





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