



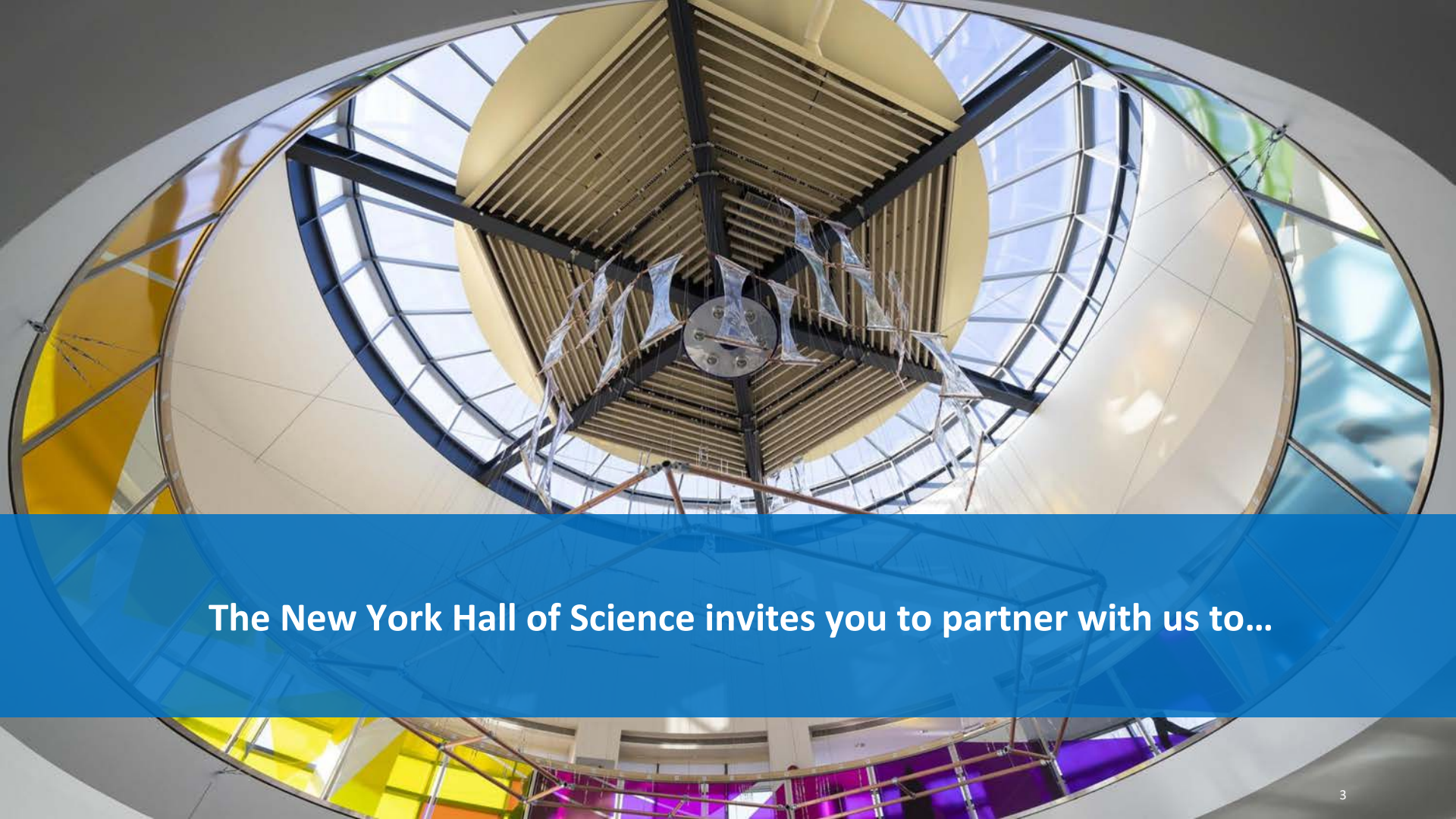
DESIGN MAKE PLAY • New York Hall of Science



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# ADVANCING STEM EQUITY AND OPPORTUNITY

*Partners in STEM Equity*



**The New York Hall of Science invites you to partner with us to...**



**Break down barriers to STEM opportunity**






**Build a 21<sup>st</sup> century workforce that reflects and represents the experiences  
of the entire US population**



**And invest in the development of diverse talent who will drive the future of STEM innovation**



**The New York Hall of Science (NYSCI) is committed to creating a world where diversity unlocks innovation, and where everyone is empowered to use science, technology, engineering, and math to tackle complex 21st century challenges.**



## A Global Leader for STEM Learning

NYSCI is a global leader with a strong track-record of building on important science concepts in playful, compelling ways to invite people into STEM learning. Through exhibitions, programs, curriculum, and digital products accessed by millions around the world, along with cutting-edge research, NYSCI is a global leader in the field of STEM learning and engagement.





## One of the most successful developers of diverse STEM talent in the US

- NYSCI engages the most diverse audience of any science center in the country.
- Of the nearly 4,000 Science Career Ladder alumni, 95% have completed college or earned advanced degrees.
- Over 70% of the program's participants have gone onto STEM careers.
- 86% of these youth are from minoritized groups underrepresented in STEM. More than 60% are young women.



# STEM Equity and Opportunity: A National Priority

In December 2022, NYSCI participated in a [White House Summit on STEMM Equity and Excellence](#) announcing the launch of the [STEMM Opportunity Alliance \(SOA\)](#), the national effort by the American Association for the Advancement of Science (AAAS), with the support of the Doris Duke Charitable Foundation (DDCF), to galvanize multi-sector partners to commit to real actions that ensure STEMM equity and excellence by 2050.



**WHITE HOUSE SUMMIT  
ON STEMM EQUITY  
AND EXCELLENCE**

# The National Vision for STEMM Equity and Excellence

Five Core Challenges standing in the way of equitable access and outcomes in the STEMM Ecosystem*	Five Core Action Areas
1. Many students, families, and educators do not receive the holistic support they need to sustain lives of discovery, especially at the K-12 level.	1. Ensure that students, teachers, workers, communities, and others have adequate support to participate in and contribute to science and technology throughout their lifetimes.
2. A national STEMM teacher shortage is disproportionately harming underrepresented students.	2. Address the STEMM teacher shortage—which disproportionately harms underrepresented students—by investing in a strong and diverse teacher pipeline.
3. Funds and resources are unevenly available, often exacerbating existing disparities, stunting science, and building distrust of the scientific system.	3. Close the funding gap and support researchers and communities who have been historically excluded from access to key resources.
4. Bias, discrimination, and harassment plague the science and technology ecosystem, from school to workforce and beyond.	4. Scale solutions that root out bias, discrimination, and harassment in the classroom, laboratory, and workplace.
5. There is neither a culture of accountability nor systems in place to adequately address these persistent challenges.	5. Promote accountability across the science and technology ecosystem.

# STEMM SOA OPPORTUNITY ALLIANCE

NYSCI was one of 90 founding SOA partners who, through a specific action, committed to providing holistic and lifelong support for learners, teachers, workers and communities to participate in and contribute to science and technology.

## FOUNDING PARTNERS



## FUNDING PARTNERS



## ALLIANCE PARTNERS





**As a founding partner of the STEMM Opportunity Alliance, NYSCI is redoubling its commitment to creating programs and opportunities that level the playing field for minoritized youth from groups underrepresented in STEM.**



## A National Model for Early STEM Learning

Through an unprecedented partnership with the City of New York, in September 2022 a STEM-themed Pre-K Center opened on NYSCI's campus in Corona, Queens. Science is an integral part of the curriculum, the teachers use the museum NYSCI as a routine part of the children's learning experiences, and every single family that attends the school gets a free family membership to NYSCI.



## Ambitious K-8 STEM Learning

NYSCI provides multiple pathways for K-8 students to build STEM knowledge and develop new skills. By inviting learners to explore science concepts in ways that are meaningful to them — leveraging their unique set of background, abilities, and life experiences — we aim to spark their curiosity and strengthen their confidence and interest in STEM topics. *STEM Innovators Club*, a new drop-off after school program for students from NYSCI's local community, will offer sustained opportunities for children to engage in creative STEM learning and explore future professional STEM career pathways. Our vision is to instill a passion for STEM learning that empowers everyone as confident creative thinkers and cultivates the next generation of innovators that will improve our world.



## Developing Diverse STEM Talent

For over 35 years, NYSCI has been committed to empowering underrepresented minoritized youth to pursue academic and career pathways in STEM. Through the Friedman Center for the Development of Young Scientists, NYSCI provides equitable and empowering opportunities for high school and college-aged youth to gain meaningful work experience that builds STEM knowledge and professional skills. They gain exposure to STEM industries, chart out career pathways, and connect with diverse professionals from varying levels in their careers.





Support this work by joining  
**Partners in STEM Equity**

# Partners in STEM Equity: Overview

NYSCI is formalizing and expanding upon our network of partners who share our commitment to diversifying the STEM industries, by launching *Partners in STEM Equity*, a new leadership circle of supporters who are ready to deepen their commitments to breaking down systemic barriers to opportunity by supporting NYSCI's programs through:

- Sustained financial investments;
- Access to professional networks; and
- STEM opportunities and resources that enhance NYSCI's programs and offerings.



# Partners in STEM Equity: Partnership Criteria

- Support NYSCI financially with an investment of \$100,000+  
*Preferably with a multi-year commitment.*
- Provide youth with opportunities to learn from the experiences of diverse STEM professionals within the company.  
*Representation is critical.*
- Provide youth with opportunities to learn about specific STEM professions and/or visit STEM facilities.
- Provide youth participants with access to and/or information about entry-level programs or internships in STEM fields.



# Partners in STEM Equity: Recognition, Engagement and Collaborative Opportunities

## Partner Recognition

- **Partners in STEM Equity Webpage:** Partners will be prominently featured on the initiative's webpage on NYSCI's website. Partner profiles will highlight our work together, goals, and collective impact. We will also spotlight our partners' commitment to diversity, equity, and inclusion.
- **Social Media:** NYSCI will work with our partners to identify opportunities for social media spotlights and content development aligned with program offerings and goals.

## Employee Engagement

- NYSCI will work with companies to identify opportunities to engage their employees in meaningful volunteer opportunities that align with PSE goals. Examples include:
  - Participation in career talks, panels, and networking; and
  - Mentorship/Job Shadowing opportunities.



# Partners in STEM Equity: Recognition, Engagement and Collaborative Opportunities

## Collaborative Opportunities:

- **STEM Career Exposure & Exploration:** Co-facilitate company visits and unique STEM experiences for youth—to showcase a variety of STEM jobs, highlight the pathways of diverse professionals at varying stages of their careers; and provide youth with opportunities to receive academic and career guidance from them.
- **STEM Career Preparation & Opportunities:** We will work collaboratively to identify the company's unique assets and resources that can be leveraged to create novel programming and benefit youth participants. We hope to directly connect with companies' internship and accelerator programs to create direct pathways for youth to launch their careers.
- **Corporate Alignment & Networking:** Co-host a summit, panel, workshop, or event for *Partners in STEM Equity* at the partner company location, that includes networking opportunities for corporate leaders.



A photograph of a group of people at a STEM Career Expo. The audience is seen from behind, with many hands raised in the air. A large pink balloon is visible on the left side. The background is a purple and pink gradient wall with the text 'STEM CAREER EXPO' displayed in large, colorful letters.

# STEM CAREER EXPO

**Partners in STEM Equity: Official Launch  
STEM CAREER EXPO – MAY 11, 2023**

# Partners in STEM Equity: Official Launch

Partners in STEM Equity will launch in conjunction with NYSCI's *STEM Career Expo*, our signature large-scale STEM career exploration conference for youth.

- Partners in STEM Equity will be announced during the Expo's opening presentation.
- Founding Partners will be recognized on stage.
- To celebrate and amplify the occasion, we will also hold a reception with NYSCI's broader base of corporate partners, trustees, government officials, and other VIPs.



# Partners in STEM Equity: Official Launch

**Founding Partners in STEM Equity will benefit from the following in conjunction with STEM EXPO:**

- Opportunity for a company executive to offer welcome remarks;
- Inclusion in NYSCI's Partners in STEM Equity video that will kick-off STEM Expo — spotlighting the company's commitment to STEM equity and diversifying their workforce;
- Partnership activation opportunities (tabling; hands-on STEM activities; participation in panel discussions, etc.); and
- Partner spotlights during the networking reception.





# Partners in STEM Equity

*Confirmed Partners*

**amazon**



**BNY MELLON**



**MetLife**



# Thank you for your interest in Partners in STEM Equity!

For further information please contact:

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