EVENING OF SCIENCE AND INSPIRATION

PROGRAM
November 13, 2018
The New York Hall of Science

EVENING OF SCIENCE AND INSPIRATION

Tuesday, November 13, 2018

6:30 pm: Reception
7:30 pm: Dinner Program

Distinguished Leadership Award
Tim Tynan
CEO, Bank of America Merchant Services

Seidenberg Family Top of the Ladder Award
Anais Cardenas, Trishna Ramsamooj, Samantha Wong

Science Moment

Vision and Venture Award
Mimi Valdés
Chief Creative Officer, i am OTHER

Creative Entrepreneurship Award
Joan Fallon, D.C.
Founder and CEO, Curemark
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New York Hall of Science
The New York Hall of Science (NYSCI) is not only the city’s leading hands-on museum in science and technology, it is also a global leader in STEM education and a laboratory for new forms of learning. NYSCI transforms the way people think and learn, working closely with children and teachers at the museum, in the community, and around the world.

NYSCI’s mission is to nurture generations of passionate learners, critical thinkers and active citizens through an approach called Design, Make, Play. The defining characteristics of Design, Make, Play — open-ended exploration, imaginative learning, personal relevance, deep engagement and delight — are the very ingredients that make for inspired and passionate STEM learners.

NYSCI was established in 1964 as part of the World’s Fair in Flushing Meadows Corona Park. Since its founding, NYSCI has inspired more than 7 million people — children, teachers and families — by offering creative, participatory ways to learn and encouraging people to explore their curiosity and nurture their creativity, empowering them to become the thinkers, doers and leaders of the future.
MUSEUM

NYSCI is the largest hands-on science museum in New York, offering one-of-a-kind opportunities to learn. Through groundbreaking exhibitions, festivals and programs, it is a resource that amazes, inspires, informs and entertains families, students and educators. NYSCI’s 450 exhibits include the award-winning immersive experience, Connected Worlds, which underscores the interconnectedness of different ecosystems, and Design Lab, where children use simple materials to solve complex engineering and design challenges.

YOUTH

NYSCI is one of the most successful developers of diverse STEM talent in the United States. Each year, it serves 2,000 middle school, high school and college students through programs that guide young people to tangible opportunities to support them along their education and career pathways. Over the last three decades, 95 percent of the young people participating in NYSCI’s signature youth employment and empowerment program, the Science Career Ladder, have gone on to college; 70 percent declared majors in STEM.
COMMUNITY

NYSCI serves one of the most diverse, vibrant and underserved communities in the country. The NYSCI Neighbors initiative provides after-school STEM enrichment and parental engagement opportunities — free of charge — to more than 1,000 families. The goal of this work is to grow NYSCI as a community-anchored STEM learning hub and to create pathways to economic opportunity through family empowerment. NYSCI is also leading a national network of science centers to validate and advance family engagement work.

RESEARCH

NYSCI is a dynamic laboratory for learning. Ten Ph.D.-level learning scientists and 50 science educators, exhibit developers and program experts are carrying out and applying research on the most effective, engaging ways to support STEM learning for diverse audiences. NYSCI collaborates with universities and community organizations around the world on research projects and is one of the largest museum recipients of competitive funding from the National Science Foundation. NYSCI’s research is leading to scalable practices that have the potential to impact tens of thousands of learners, far beyond its walls.
Tim Tynan has led Bank of America Merchant Services, one of the largest payments processors in the United States, since May 2014. The business is a joint venture owned by First Data Corporation and Bank of America.

Prior to his current role, Tim was executive officer and member of the Management Committee of Citibank Japan Ltd. in Tokyo. Before Japan in 2012, he was COO of the Transaction Services business globally. Tim joined Citigroup in 2001 leading the global corporate shared services group.

He began his career with IBM in 1981, where he held various executive roles in services, sales, marketing and product development.

Tim has volunteered with various organizations, including Borough of Manhattan Community College, New York Junior Achievement and A Chance in Life, which supports at-risk children. He is current chairman of the Electronic Transactions Association.

Tim has a bachelor’s degree from the State University of New York at Cortland, and a master of business administration degree from Hofstra University. He resides in New York City.
For more than 20 years, award-winning multi-hyphenate (chief creative officer, writer, editor, producer, speaker) Mimi Valdés has changed the way the world consumes pop culture.

Mimi’s background in journalism — she’s a former editor-in-chief of VIBE and Latina magazines — provides a road map for each project she works on. Whether influencing the creation of the groundbreaking 24-hour music video Happy; co-producing Sundance Film Festival and Cannes Film Festival indie darling Dope (2015); serving as an executive producer on the Oscar-nominated film Hidden Figures (2016); producing Roxanne Roxanne (2018), a biopic about hip hop icon Roxanne Shante; or overseeing film and television endeavors for Pharrell Williams’ company, i am OTHER, she creates content with a lasting impact.

Regardless of the medium, venue or audience, Mimi’s message stays true to her core belief that storytelling should entertain, educate and inspire humanity. A passion to influence the next generation of storytellers is reflective in all that Mimi does.
Creative Entrepreneurship Award

Joan Fallon, D.C.
Founder and CEO, Curemark

Dr. Joan Fallon, founder and CEO of Curemark, is considered a visionary scientist, champion and advocate for the health and well-being of children worldwide. Curemark is focused on the development of novel therapies to treat diseases for which there are no or limited treatments. Curemark’s first drug CM-AT is targeted to treat autism and is still in clinical trials. CM-AT has received Fast Track status from the FDA.

Joan holds over 150 patents worldwide. She served on the ADA Board of Advisors for the new Yankee Stadium. She holds appointments as a senior advisor to the Henry Crown Fellows at The Aspen Institute, is a distinguished fellow at the Athena Center for Leadership at Barnard College. She is a board member of DREAM charter school in Harlem, formerly known as Harlem RBI. She is a proud alumna and trustee of Franklin & Marshall College. In 2017, She was named EY Entrepreneur of The Year NY in Healthcare.
More than 4,000 students have worked as Explainers at NYSCI, moving up the Science Career Ladder (SCL) toward successful careers in STEM. Ninety-five percent of Explainers go on to college, compared to just 39 percent for an age-comparable New York City cohort, and 70 percent pursue careers in STEM. This award celebrates the work that all Explainers do, and most importantly, recognizes individuals who go above and beyond to support NYSCI’s mission.

**Anais Cardenas** has been working at NYSCI since 2009. Starting as a volunteer, Anais worked her way up to digital education resident, where she assisted with formative research around NYSCI’s digital tools. Anais earned a bachelor’s degree in biological sciences and a master’s in social research, both from Hunter College. Planning to become a physician, she’s taken skills gained at NYSCI to help her better engage with patients, taking complex science topics and breaking them down to help people better understand.

**Trishna Ramsamooj** has been with NYSCI since 2012, and just graduated with a bachelor’s degree in earth science from Lehman College. From birthday parties to innovation camps, Trishna has gained unique skills from each of the programs as an Explainer, equipping her with a diverse toolbox of skills for her future goals as a
science educator. Now a Maker Space resident, Trishna has grown into a thoughtful and creative educator that develops and facilitates programming to engage our diverse audiences.

Samantha Wong is a Design Lab resident, and will complete her undergraduate degree in biology from Hunter College this fall. Since joining NYSCI in 2016, Samantha has developed her leadership skills by participating in the Formation of Engineers project and mentoring other Explainers. Samantha exudes an aura of enthusiasm for her work in Design Lab that is contagious to both visitors and other Explainers, and that will make her successful in her future goals of working in informal education. Samantha has developed her leadership skills by participating in the Formation of Engineers project, the Donofrio Scholars program and by mentoring other Explainers.
PREVIOUS AWARD RECIPIENTS

1998
Joseph L. Dionne  
*Chairman*  
McGraw-Hill Companies
Richard A. Grasso  
*Chairman and CEO*  
New York Stock Exchange
Eugene R. McGrath  
*Chairman and CEO*  
Consolidated Edison Company of New York, Inc.

1999
Paul A. Allaire  
*Chairman*  
Xerox Corporation
John A. Roth  
*President and CEO*  
Nortel Networks
Honorable Claire Shulman  
*President*  
Borough of Queens

2000
Thomas H. Glocer  
*CEO*  
Reuters Information and Reuters America Inc.
Paul M. Horn  
*Senior Vice President, Research*  
IBM Corporation
Herb Scannell  
*President*  
Nickelodeon/Nick at Nite

2001
Alan Alda
David H. Komansky  
*Chairman and CEO*  
Merrill Lynch & Co., Inc.

2002
Nicholas M. Donofrio  
*Senior Vice President*  
IBM Corporation
Karen L. Katen  
*President*  
Pfizer Global Pharmaceuticals
David A. Macaulay

2003
John S. Hendricks  
*Founder, Chairman and CEO*  
Discovery Communications, Inc.
Donald H. Layton  
*Vice Chairman*  
J.P. Morgan Chase & Co.
Sir Howard Stringer  
*Chairman and CEO*  
Sony Corporation of America

2004
Red Burns  
*Professor and Chair of Interactive Telecom Program*  
Tisch School of the Arts  
New York University
Gerald L. Hassell  
*President*  
The Bank of New York Company, Inc.
Fred Wilpon  
*Chairman and CEO*  
New York Mets

2005
Ursula M. Burns  
*President,*  
*Business Group Operations*  
Xerox Corporation
Sallie L. Krawcheck  
*Chief Financial Officer*  
Citigroup

2006
Corning Incorporated accepted by James R. Houghton and Amory Houghton Jr.
William T. Golden
Steven R. Loranger  
*Chairman, President and CEO*  
ITT Corporation
Patricia F. Russo  
*Chairman and CEO*  
Lucent Technologies

2007
John T. Chambers  
*Chairman and CEO*  
Cisco Systems
Marguerite and Joshua Lederberg
Judy C. Lewent  
*Retired Executive Vice President and Chief Financial Officer*  
Merck & Co., Inc.
Catherine A. Rein  
*Senior Executive Vice President and Chief Administrative Officer*  
MetLife
2008
Paula S. Apsell
Senior Executive Producer
NOVA
Director of Science Unit
WGBH
Francisco D’Souza
President and CEO
Cognizant Technology Solutions Corporation
Mike S. Zafirovski
President and CEO
Nortel Networks

2009
Dr. Peter L. Salk
Vice President and Scientific Director
Jonas Salk Foundation
Linda S. Sanford
Senior Vice President, Enterprise Transformation
IBM Corporation

2010
Prof. Salim T.S. Al-Hassani
Chairman
Foundation for Science, Technology & Civilisation
Jack Hughes
Founder and Chairman
TopCoder, Inc.
William C. Rudin
Vice Chairman and CEO
Rudin Management Company, Inc.

2011
Google
accepted by Alfred Spector
Vice President, Research and Special Initiatives
Kevin Parker
Global CEO
Deutsche Bank Asset Management
John Slaughter
Former President and CEO
National Action Council for Minorities in Engineering

2012
Ajay Banga
President and CEO
MasterCard
Jes Staley
Chairman, Corporate and Investment Bank
J.P. Morgan

2013
Glenn Britt
Chairman and CEO
Time Warner Cable
Osamu Nagata
President and CEO
Toyota Motor Engineering and Manufacturing North America

2014
Denise L. Ramos
President and CEO
ITT Corporation
Jeanne M. Sullivan
Co-Founder
StarVest Partners

2015
Bob Greifeld,
CEO
Nasdaq
David Karp
Founder and CEO
Tumblr

2016
Guy Chiarello
President
First Data Corporation
Leonard S. Schleifer, M.D., Ph.D.
President and Chief Executive Officer
Regeneron Pharmaceuticals, Inc.
George D. Yancopoulos, M.D., Ph.D.
President
Regeneron Laboratories and Chief Scientific Officer
Regeneron Pharmaceuticals, Inc.
Ayah Bdeir
Founder and Chief Executive Officer
littleBits

2017
IBM Corporation
John Kelly
SVP of Cognitive Solutions and IBM Research
Jennifer Morgan
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SAP
Frans Johansson
CEO
The Medici Group
THANK YOU FOR YOUR SUPPORT

The New York Hall of Science gratefully acknowledges the following for their contributions to our 2018 Evening of Science and Inspiration.