



**Corporate  
Reinvention**

**Edward  
Breen**

CEO of DowDuPont  
and advisory board  
member of New  
Mountain Capital



**Lifetime  
Achievement**

**Henry  
Kravis**

Co-Founder,  
Co-Chairman and  
Co-CEO of  
KKR



**STEM  
Philanthropy**

**James  
Simons**

Chairman of the  
Simons Foundation  
and founder of  
Renaissance  
Technologies

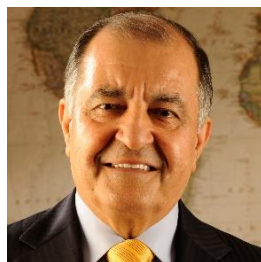


**STEM  
Philanthropy**

**Marilyn  
Simons**

President of the  
Simons Foundation  
and board VP of  
Cold Spring Harbor  
Laboratory

December 4, 2018 • 11:30 am – 2:30 pm • Metropolitan Club • [www.cmeacs.org](http://www.cmeacs.org)



**Event Co-Chair**

**Seifi  
Ghasemi**

Chairman, President  
and CEO  
Air Products



**Event Co-Chair**

**Jim  
Fitterling**

President and COO  
The Dow Chemical  
Company



# LEADERSHIP Awards™



December 4, 2018

11:30 am – 2:30 pm

Metropolitan Club  
1 E 60th St, New  
York, NY 10022

## Schedule

11:30 am - 12:00 pm

Registration

12 pm - 1 pm

Luncheon

1 pm – 2:30 pm

Awards Presentation

[info@cmeacs.org](mailto:info@cmeacs.org)

## ACS NY

ACS was founded in New York City in 1876, and the New York Section was the first to give a National Prize. Since 1903, the prestigious Nichols Award has been given to 110 scientists, 16 went on to receive a Nobel Prize.

[WWW.CMEACS.ORG](http://WWW.CMEACS.ORG)

## PROGRAM

REGISTRATION

LUNCHEON

INTRODUCTION

ACS CEO – Thomas Connelly

Event Co-Chair – Jim Fitterling

AWARDS PRESENTATION

CME Host – George Rodriguez

*Corporate Reinvention* – **Edward Breen**

*STEM Philanthropy* – **Marilyn & James Simons**

*Event Co-Chair* – Seifi Ghasemi

*Lifetime Achievement* – **Henry Kravis**

CLOSING REMARKS

CME Co-Chair – Adam Closson

## ANNUAL STEM AWARDS

Inspiring leadership has been the hallmark of the Chemical Marketing and Economic Group (CME) of ACS NY, a topical group founded in 1954. Established in 2012, the Leadership Awards™ are the highest honors given by CME to leaders of industry, investments, and other sectors, for their contributions to science, technology, engineering and mathematics initiatives.

CME organizes monthly luncheons and webcasts in Manhattan where industry leaders present cutting-edge outlooks on energy, materials & life science.

Founded in 1876 and Chartered by the U.S. Congress, ACS is the world's largest scientific society with 158,000 members. This ACS ChemLuminary award-winning event is a fundraiser to help advance STEM programs.

CELEBRATE TODAY'S LEADERS - ENABLE THOSE OF TOMORROW

## PAST HONOREES

2017

David Skorton  
SmithsonianChris Pappas  
TrinseoJohn Keller  
Shionogi Inc.Roque Benavides  
Buenaventura

2016

Len Blavatnik  
Access IndustriesJP Clamadiou  
SolvayDavid Cote  
HoneywellCharles Bolden  
NASA

2015

Roy Vagelos  
Regeneron/MerckErik Fyrwald  
UnivarScott Wolff  
American  
SecuritiesTracy Day and  
Brian Green WSF

## STEM BUSINESS &amp; INNOVATION



## CORPORATE REINVENTION

**Edward Breen** – CEO of DowDuPont. Key architect of the largest merger in the chemical industry. He became the chair of the board and CEO of DuPont on Nov. 9, 2015. He joined the DuPont Board of directors in Feb. 2015. He served as chairman and CEO of Tyco International from 2002 until 2012. He transformed Tyco into a strong market leader, reviving the company from near bankruptcy and overseeing successful spin-offs including Covidien and ADT. He worked at Motorola from 2000 to 2002, including as president and COO leading the company back to profitability. From 1994 to 2000, he held senior positions at General Instrument. He serves as a director of Comcast and in the advisory board of New Mountain Capital. Ethisphere named him one of the "100 Most Influential People in Business Ethics."

## LIFETIME ACHIEVEMENT



**Henry Kravis** – Co-founded KKR in 1976 and is KKR Co-Chairman and Co-Chief Executive Officer. He serves on the boards of First Data Corporation and ICONIQ Capital, LLC. He also serves as a director, chairman emeritus or trustee of several cultural, professional, and educational institutions, including The Business Council, Columbia Business School, Mount Sinai Hospital, Partnership Fund for New York City, Rockefeller University, Sponsors for Educational Opportunity and Tsinghua University School of Economics. He earned a B.A. from Claremont McKenna College in 1967 and an M.B.A. from the Columbia Business School in 1969. He has vast experience financing, analyzing, and investing in public and private companies, as well as serving on the boards of a number of KKR portfolio companies.

2014

Andrew Liveris  
Dow Chemical

Thomas Connelly  
DuPont

Thomas Kirchler  
OEP/JPMorgan  
Chase

Anna Powers  
NYU

**STEM PHILANTHROPY**

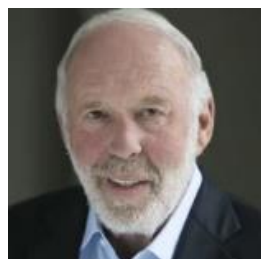
**Marilyn Hawrys Simons** - President of the Simons Foundation, one of the country's leading private funders of basic scientific research. She has more than 25 years of experience actively supporting nonprofit organizations in New York City and Long Island. She has been involved in K-12 education for underserved communities. Simons is vice president of the board of Cold Spring Harbor Laboratory, an outstanding U.S. research facility specializing in molecular biology and genetics, and a board member of the Turkana Basin Institute that supports projects in Kenya, the LearningSpring School which helps autistic children and the East Harlem Scholars Academy in New York City. Simons received a B.A. and Ph.D. in economics from The State University of New York at Stony Brook.

2013

Jon M. Huntsman  
Huntsman Corp.

Fernando Musa  
Braskem

Peter and David  
DeLeeuw  
Lion Chemical  
Partners



**James Simons** - Simons Foundation Chairman and board chair and founder of Renaissance Technologies. Prior to his financial career, Simons was chairman of the mathematics department at Stony Brook University, taught mathematics at MIT and Harvard, and was a cryptanalyst at the Institute for Defense Analyses in Princeton, New Jersey. He holds a B.S. from MIT and a Ph.D. from the University of California, Berkeley. In 1976, he won the Veblen Prize of the American Mathematics Society for his work in geometry. He is a trustee of the Stony Brook Foundation, Rockefeller University, MIT, Brookhaven National Laboratory, the Mathematical Sciences Research Institute, New York Genome Center and the Institute for Advanced Study, and is a member of the National Academy of Sciences, the American Academy of Arts and Sciences and the American Philosophical Society.

2012

Peter McCausland  
Airgas

Juan Pablo  
del Valle  
Mexichem

John Televantos  
Arsenal Capital  
Partners

Chris Hillenbrand  
Regis High School



ACS FOR LIFE

Public Outreach

Elementary/Middle High  
School

High School

Community College

Undergraduate

Graduate

Young Professionals

Professionals

Educators

ACS STEM  
RESOURCES

American Association of  
Chemistry Teachers

ACS Scholars.

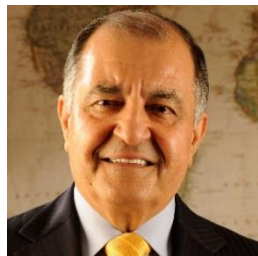
K-12 Chemistry  
Festivals

K-12 National Chemistry  
Week

9-12 SEED Summer  
Internships

International Chemistry  
Olympiads

CME STEM Student  
Business Luncheons



**Air Products Chairman, President & CEO**

**Seifi Ghasemi** – he sets the strategy and policies developing leadership. He is chairman of Versum Materials. He served as chairman and CEO of Rockwood Holdings. He held leadership roles at GKN, and BOC (now part of Linde AG). M.S. degree in mechanical engineering from Stanford University.



**Dow Chemical President and COO**

**Jim Fitterling** – Also, COO for the Materials Science Division of DowDuPont. Recently appointed CEO of the intended Materials Science Company, to be called Dow, upon its separation from DowDuPont. Committed to diversifying the Company's global talent. Board member of NAM, Chemical Financial, and Sadara Chemical. B.S. Mechanical Engineering.



**ACS Executive Director and CEO**

**Thomas M. Connelly, Jr.** – Executive Director and CEO of the American Chemical Society since February 2015. Former DuPont Executive VP, Chief Innovation Officer. Joined DuPont in 1977 and played key roles in Delrin®, Kevlar®, Sorona® and Teflon®. B.S. and Ph.D. in Chemical Engineering.



**CME Past Chair and Host**

**George Rodriguez** – Advisor on growth strategy and innovation. Served at Pfizer, Asahi Glass, Nagase. Creative producer of original events including CME Leadership Awards, ACS NASA Mars Symposium to inspire and help STEM students worldwide. B.S. Chemical Engineering, M.S. Industrial Management.



**CME Co-Chair**

Adam Closson is Research Fellow at IFF focused on the chemical processes and the invention of new fragrance ingredients. Before joining IFF in 2006, he held research fellowships with the US Navy and at Stockholm University after receiving his doctorate at the University of California in San Diego.

STEM SUPPORT

ACS Scholars program awards scholarships to minority students. Over 1,500 STEM students have graduated with a bachelor's degree since 1996. 42% went on to graduate school.

CME student leadership development to sharpen communication skills and give views of the broad range of the industries of chemistry

ACS Chemistry Festivals for K-12 students worldwide

Student travel overseas to help the progress of CME ACS activities

Development of tools for teachers and professors

Expansion of ACS International Chapters for STEM student programs

[awards@cmeacs.org](mailto:awards@cmeacs.org)

WWW.CMEACS.ORG

A STEM FAMILY GATHERING



2015 honoree for Private Equity, Scott Wolff (left) and for Global Growth, Erik Fyrwald (right)



2014 ACS scholars, mentors and sponsors (above). 2015 Alan Alda and the CME Board (below).



2014 David Womack, IBM Watson Head of Chemicals, presented artificial intelligence advances.

CELEBRATE TODAY'S LEADERS



**PIONEER**

- Since 1954 CME has:
- Addressed the needs of the broad range of industries of chemistry.
- Organized over 500 events on the business of chemistry.
- Became ACS Scholars National Partner.
- Organized the first ACS NASA Journey to Mars Symposium
- Founded leadership awards for chemistry stakeholders.
- Received 4 coveted ACS ChemLuminary Awards (2 for Global Engagement).
- Supported over 400 free student business luncheons in NYC.
- Championed one of the first two International Chapters of ACS in South America.
- Helped organize six International Chemistry Festivals.
- Offered webcasts of monthly presentations since 2009.

**FESTIVE. WARM. INSPIRATIONAL.**



Juan Pablo del Valle, 2012 honoree, and family.



Jon Huntsman, 2013 honoree, granddaughter Kate and son Paul.



2015 honoree Roy Vagelos and wife Diana



Since 2011 CME has helped over 1000 STEM students develop networking and leadership skills.



Sonneborn and Peroxichem executives celebrating the Diamond Jubilee of CME Group of ACS New York.



2012 Chemistry Olympiad US Gold Medalist Chris Hillenbrand (center left)