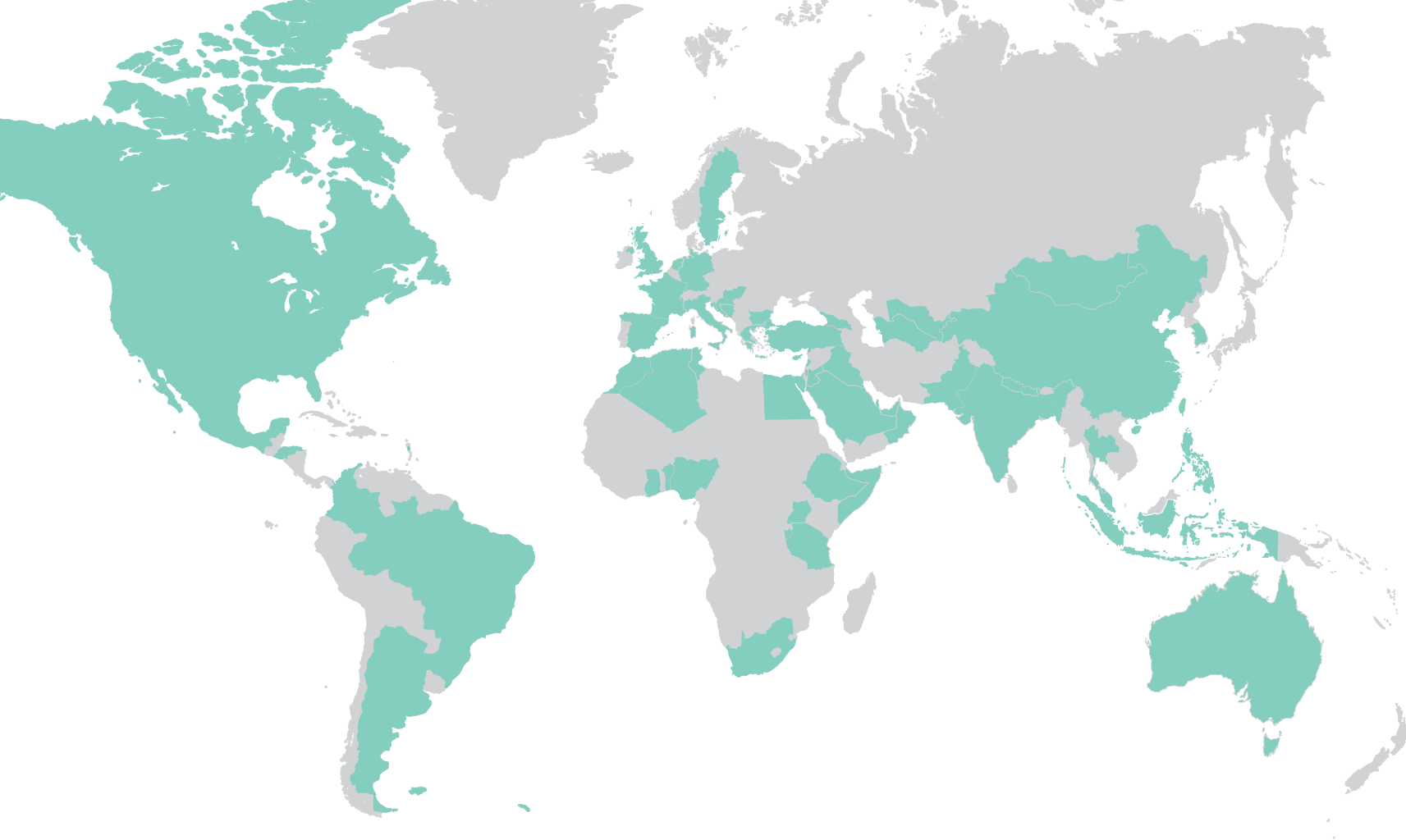


ANNUAL REPORT:
.....
**FISCAL YEAR
2017**



20,000+

ACTIVE ACADEMY MEMBERS ACROSS THE GLOBE

100+ COUNTRIES PARTNERED WITH GLOBAL STEM ALLIANCE

8,900

MEMBERS OF THE ACADEMY ARE YOUNG, PROMISING SCIENTISTS. THEY ARE STUDENTS, TEACHERS, AND POSTDOCTORAL FELLOWS

123,400 HOURS OF HIGH-QUALITY STEM INSTRUCTION DELIVERED TO STUDENTS IN 69 COUNTRIES

2 MILLION

PEOPLE REACHED BY THE ACADEMY'S PROGRAMMING AND PUBLISHING EACH YEAR

1.4+ MILLION

DOWNLOADS OF ANNALS OF THE NEW YORK ACADEMY OF SCIENCES

140+ SCIENTIFIC EVENTS ANNUALLY

40,000+ SOCIAL MEDIA FOLLOWERS

"Never doubt that a small group of thoughtful people could change the world. Indeed, it's the only thing that ever has."

— Margaret Mead,
renowned anthropologist and
Academy Member

We agree. And as the Academy celebrates its 200th year, we are re-dedicating ourselves to its mission: to work together to drive innovative solutions to society's challenges by advancing scientific research, education and policy.

From the President

During our bicentennial year, we celebrated our storied history and launched the Academy's Third Century with its richest mix of activities ever. We convened expert networks across over 100 symposia, webinars and conferences and reached millions more through our digital and print publications. We continued to expand the Global STEM Alliance, our unmatched partnership of over 300 institutions and thousands of professional scientists and engineers that is inspiring, and mentoring the next generation of global scientific talent.

Even as we expanded the impact of our global network, we watched as hallowed scientific traditions came under threat. So we participated in the power of collective action when our staff and Members — along with more than a million others worldwide — joined the March for Science to advocate for continued support to science research and funding, and scientific collaboration without borders.

Finally, we accepted the personal invitation of former Secretary-General of the United Nations, Ban Ki-moon with two groundbreaking initiatives. Ban saw an opportunity to use the Academy's neutral platform and vast network to help achieve the Sustainable Development Goals of the 2030 Agenda. In November 2016, the Academy convened the inaugural *Summit on Science Enablement for the Sustainable Development Goals*, a first step in a collaborative effort to strategically advance delivery of the 2030 Agenda.

Then, we put our words to action by bringing together gifted students from around the world and matching them with a "who's who" of more than 400 Nobel Laureates, elite scientists, and leaders from industry and global NGO's.

These included such luminaries as: Deputy Secretary-General of the United Nations Amina Mohammed; cable television pioneer Ted Turner; Chuan Poh Lim, Chairman, A*Star; Nobel Laureates Jerome Friedman, Sir Richard Roberts, Martin Chalfie, James Watson and Venkatraman Ramakrishnan; university presidents Lee Bollinger (Columbia), Richard Lifton (Rockefeller), Andrew Hamilton (New York University) and Nancy Zimpher, Chancellor Emeritus, The State University of New York; PepsiCo Chairperson and CEO Indra Nooyi; Narayana Murthy, Chairman Emeritus Infosys; as well as former congressman and current CEO of AAAS, Rush Holt, to name a few. A comprehensive list can be found on: www.nyas.org/contents/events/challenge-2030-attendees/.

The event provided a forum for talented young innovators from more than 20 countries to showcase their solutions for the United Nation's Sustainable Development Goals (SDGs) — more importantly, how these solutions might be scaled up for practical development — while also gaining valuable feedback and encouragement from some of the world's most brilliant minds.

The Academy's continuing commitment to galvanize public-private partnerships along with our programs to inspire STEM talent around the world are two of the collective action pillars that will carry us forward into our Third Century.

Never before has the need to support science been so crucial. As you review our 2017 achievements and initiatives, we hope you will feel inspired to become even more deeply engaged in the Third Century of the World's Smartest Network™.

Sincerely,

ELLIS RUBINSTEIN
President and CEO
The New York Academy of Sciences



In 2017 We Celebrated Our Bicentennial!



- 1.** January 29, 2017 marked the official birthday of the New York Academy of Sciences and our 200th anniversary. More than 150 Members and guests gathered at the Academy's headquarters to participate in the festivities, including the unveiling of an exhibition showcasing a 200 year historical timeline.

2. On February 24, 2017, Paul Horn, Chair of Board of Governors, New York Academy of Sciences and Academy executives rang the Opening Bell to start the trading day at the New York Stock Exchange. *Copyright: 2017 NYSE Group, Inc.*

3. Nasdaq welcomes the New York Academy of Sciences as Academy executives ring the Closing Bell ending the trading day on January 27, 2017. *Photography by Christopher Galluzzo/Nasdaq, Inc.*
- 4.** On May 2, 2017, New York Academy of Sciences President and CEO, Ellis Rubinstein presented an Honorary Academy Membership to King Carl XVI Gustaf of Sweden.

5. Rain didn't dampen the enthusiasm of New York Academy of Sciences supporters who took part in the March for Science on April 22, 2017.

6. On May 8 and 9, students from more than 20 countries gathered at the Academy's headquarters for Challenge 2030. During this extraordinary event, students pitched practical solutions for the United Nation's Sustainable Development Goals to an audience of VIPs that included Nobel Laureates, industry leaders, and academics.
- 7.** Philanthropist Ted Turner dispenses some wisdom to one of the Challenge 2030 student participants.

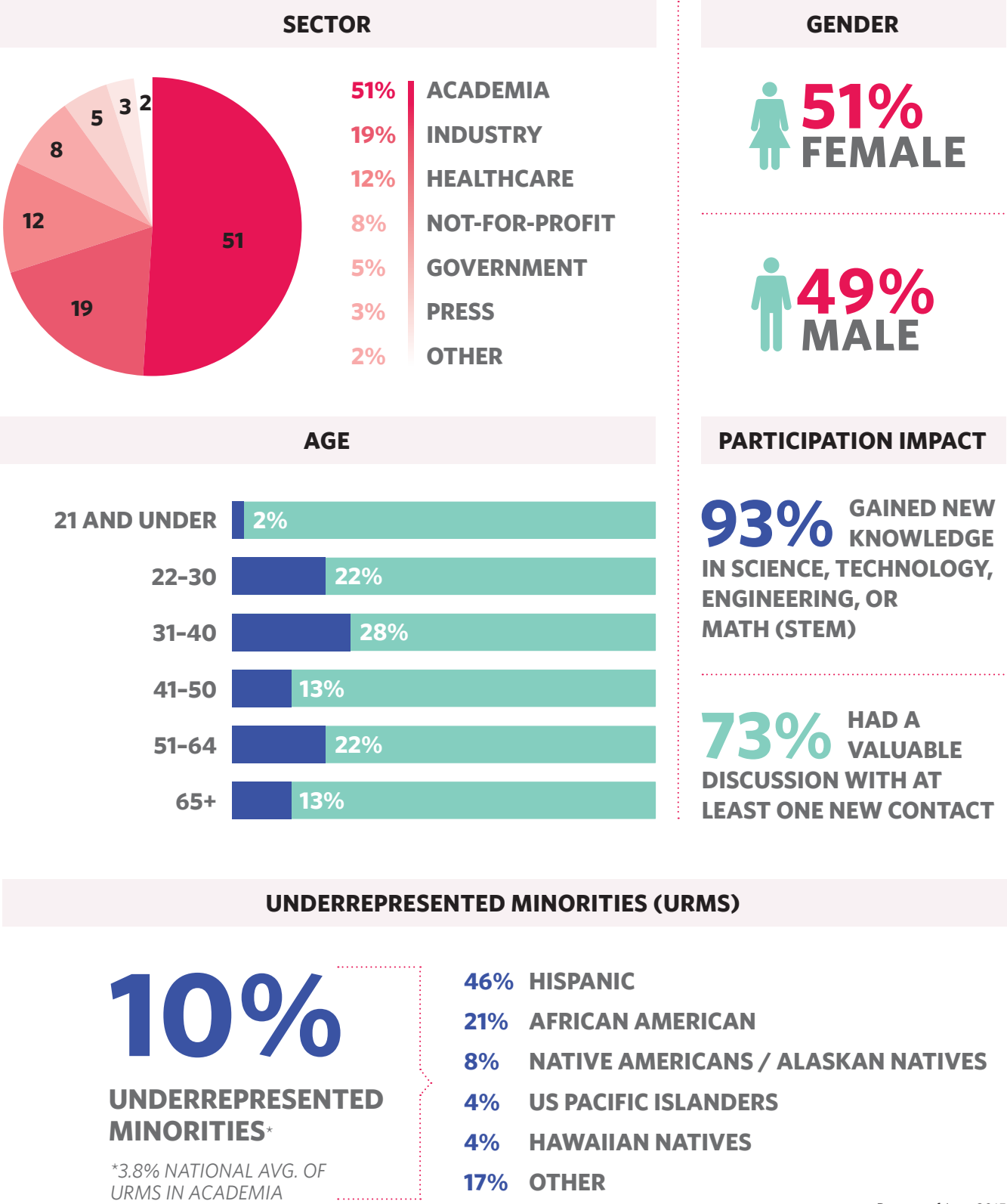
8. Nobel Laureate Jerome Friedman took a moment to speak with a group of students at Challenge 2030.

9. A student team presents their project to assembled guests at Challenge 2030.

10. Taking a "selfie" with a view of the Manhattan skyline from the New York Academy of Sciences headquarters.

11. United Nations Deputy Secretary General Amina Mohammed receives her Honorary Membership to the New York Academy of Sciences.

Academy Conference Participants



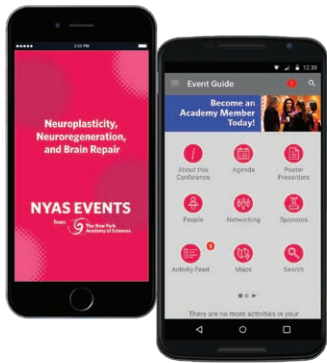
Data as of June 2015

Convening For Impact

Academy conferences spotlighted the trends, trailblazers, and breakthrough technologies across the fields of bioscience, physical science, and social science. More than 12,100 experts driving innovation across academia, industry, and related STEM organizations convened at 144 gatherings to share their advances and discuss topics as diverse as bioelectronic medicine, cancer immunotherapy, machine learning, the intersection of aging, nutrition, and metabolism, and what scientists should know about immigration and travel, following the White House Executive Order on Immigration.

Recognizing the unique capabilities of the private sector in combining scientific and technical resources, the Academy, with the encouragement of the United Nations, convened the inaugural *Summit on Science Enablement for the Sustainable Development Goals*. Thought leaders, including then UN Secretary General Ban Ki-moon, joined top executives from the private sector, leaders in academia, UN Member States and programs, NGOs, and research and policy institutes, to identify areas for collective action, proof-of-concept projects, and key deliverables to strategically advance delivery of the 2030 Agenda.

Another highlight was the *The Kavli Human Project Workshop: Designing Data to Solve New York City and State Challenges*. This workshop convened policy makers before the launch of a 20-year study of 10,000 New York City residents. The study will use big data to develop evidence-based policies on public health, obesity, education, the aging population, and economic development and poverty. The project was featured in *The New York Times* and described as “the Framingham Project on steroids.”



ABOVE: NYAS EVENTS Mobile Event App. Making the attendee experience more relevant, engaging, and personalized than ever before.

RIGHT: Janet Woodcock, MD, Director of the Center for Drug Evaluation and Research at the U.S. Food and Drug Administration.

LEFT: Ban Ki-moon, former Secretary-General of the United Nations, at the inaugural Summit on Science Enablement for the Sustainable Development Goals.

BRANDED MOBILE EVENT APP

The Academy launched an innovative and eco-friendly Mobile App for all events — enhancing the attendee experience through paperless and personalized schedule integration, attendee-to-attendee messaging, social sharing, interactive polling, and added channels for Member and sponsor messaging.

LANDMARK CONFERENCE

The Need to Accelerate Therapeutic Development — Must Randomized Controlled Trials Give Way? convened thought leaders who — in a public-facing dialogue — discussed the ethical, legal, medical, scientific, safety, and economic issues pertaining to the current design of clinical trials and future alternatives that could have profound effects on public health and the regulation of pharmaceuticals. Robert Califf, MD, former Commissioner of the U.S. Food and Drug Administration, and Janet Woodcock, MD, Director of the FDA's Center for Drug Evaluation and Research delivered keynote addresses on modern trends in clinical drug development, drawing high profile media coverage from *Forbes* and other outlets.



Supporting Research in the Service of Humanity

THE SACKLER INSTITUTE FOR NUTRITION SCIENCE

The Sackler Institute for Nutrition Science hosted various conferences on trending topics. An event titled *Little Beans, Big Opportunities: Realizing the Potential of Pulses to Meet Today's Global Health Challenges* brought together industry and public health experts to discuss the future of pulses and beans in human diets. The conference *Antibiotics in Food: Can Less Do More?* delivered our first-ever live-streamed panel discussion on this issue, attracting a diverse, highly motivated audience. The Sackler Institute also focused on its three Working Groups: Obesity, Diabetes, and Nutrition-related Diseases; Nutrition for Aging Populations; and Technology and Innovation for Food, Agriculture, and Nutrition, convening groups of global experts to analyze nutrition research gaps. A partnership with the Ministry of Health Malaysia brought Sackler Institute staff to Kelantan, along with experts from Columbia University, to participate in a conference and training workshop on behavior change interventions for Malaysia's obesity prevention program.

The Sackler Institute Annual Research Grants focused on the areas of nutrition science explored by current Sackler Institute for Nutrition Science Working Groups. Awardees' topics included interventions for consumption of sustainable oils, eating preferences in older adults experiencing dentition problems, and a mouse model of macrosomia in gestational diabetes

POLICY GROUP

In September, the National Science Technology and Innovation Policy Office, Ministry of Science and Technology of Thailand, and the New York Academy of Sciences (NYAS) organized a full-day session at the ASEAN STI Forum focused on the "STEM Paradox and Ecosystem Development in ASEAN." Using the framework outlined in "The Global STEM Paradox" whitepaper, over 100 government, academic, and business leaders attended panel discussions and participated in breakout sessions to develop recommendations and action steps to address the STEM Paradox and strengthen the essential components of a STEM ecosystem in ASEAN. Recommendations were presented to the ASEAN Committee on Science and Technology as input for the design of the ASEAN Plan of Action on Science, Technology and Innovation (APASTI) 2016-2015.

The Academy continues to serve in an advisory capacity for three clean energy proof-of-concept centers funded by the New York State Energy Research and Development Authority (NYSERDA), with the goal of helping inventors and scientists turn clean technology ideas into successful companies. The Academy recently expanded this partnership to include data collection and expanded communications activities.



Innovators in Science Award

The Innovators in Science Award, sponsored by Takeda Pharmaceutical Company Limited, and administered by the New York Academy of Sciences, was established to recognize a promising Early Career Scientist and outstanding Senior Scientist for their contributions to science in the therapeutic areas of Neuroscience, Gastroenterology, Regenerative Medicine, and Oncology. A total of 170 nominations from 28 countries were received in the inaugural award cycle. Two prizes of \$200,000 will be awarded at a ceremony and symposium in New York City in November 2017.

INTERSTELLAR INITIATIVE

The Interstellar Initiative — presented jointly with the Japan Agency for Medical Research and Development — was launched to bring together the most promising Early Career Investigators from Japan, America, and the world in the fields of Cancer, Regenerative Medicine, and Neuroscience, providing support for the formation of international research collaborations with expert mentorship from leading senior scientists among the Academy's network.

ABOVE AND RIGHT: Participants interacting at the Interstellar Initiative launch event.



Blavatnik Awards for Young Scientists

In Spring 2017, *The Blavatnik Awards for Young Scientists in the United Kingdom* and the *Blavatnik Awards for Young Scientists in Israel* were announced, inviting nominations of outstanding young scientists and engineers in Chemistry, Physical Sciences & Engineering, and Life Sciences. In Israel, the New York Academy of Sciences collaborates with the Israel Academy of Sciences and Humanities to administer the Awards. The inaugural Blavatnik Awards honorees in the United Kingdom and in Israel will be announced in early 2018.

THE BLAVATNIK REGIONAL AWARDS

The **2016 Blavatnik Regional Awards** received 125 postdoctoral nominations from 24 academic and research institutions across New York, New Jersey, and Connecticut. Three winners and six finalists were honored and presented with medals and a total of \$150,000 in unrestricted funds during the Academy's Annual Gala on November 7, 2016.

LEFT: 2016 Blavatnik Regional Awards Winner and Finalists in the Life Sciences category: **William Anderegg** (left), **Rachel Perry** (middle), and **Kate Meyer** (right) accompanied by presenter **Craig Thompson** (far left) of Memorial Sloan Kettering Cancer Center and **Peter Thoren** (far right) of the Blavatnik Family Foundation.



BELOW: In 2016 **Dr. Christoph Bregler**, computer scientist and 2007 Blavatnik Regional Award Faculty Finalist (left) and **Ronald Mallet** received a Technical Achievement Award from the Academy of Motion Picture Arts and Sciences for engineering enhanced real-time motion capture technology used in films such as *Avatar* and *Star Wars: The Force Awakens*.

RIGHT: (From left to right) 2016 Blavatnik National Laureates **Michael Rape**, **David Charbonneau**, and **Phil Baran**

THE BLAVATNIK NATIONAL AWARDS CEREMONY

The **2016 Blavatnik National Awards Ceremony** was held on September 12, 2016 at the American Museum of Natural History, where more than 200 guests from academia, business, and media honored the third class of 28 National Finalists and 3 National Laureates — Phil Baran (The Scripps Research Institute), David Charbonneau (Harvard University), and Michael Rape (University of California, Berkeley). Laureates were each presented with medals and \$250,000 in unrestricted funds.

The **2017 Blavatnik National Awards** received 308 nominations from 149 institutions throughout the country. The 30 Finalists were announced on May 31, 2017, and the three 2017 National Laureates — Melanie S. Sanford (University of Michigan), Feng Zhang (The Broad Institute of MIT and Harvard), and Yi Cui (Stanford University) — were announced on June 27, 2017.

THE BLAVATNIK SCIENCE SYMPOSIUM

The third annual *Blavatnik Science Symposium* was hosted by the Academy on July 18 and 19, 2016. More than 70 members of the Blavatnik Science Scholars Community were joined by other scientific luminaries and leaders from industry and media, including Columbia University professor Stuart Firestein, who delivered the keynote address, "*Ignorance, Failure, Doubt, and Uncertainty: Why Science Is So Successful*." All Blavatnik honorees shared their latest research with each other, a practice that has resulted in several multidisciplinary collaborations and a deeply engaged alumni community that continues to connect and innovate.

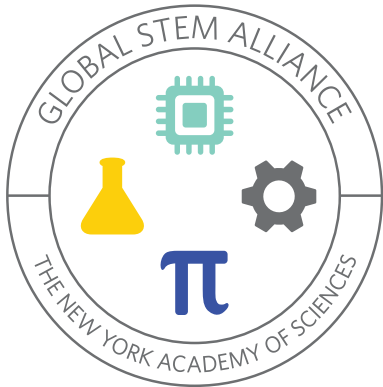
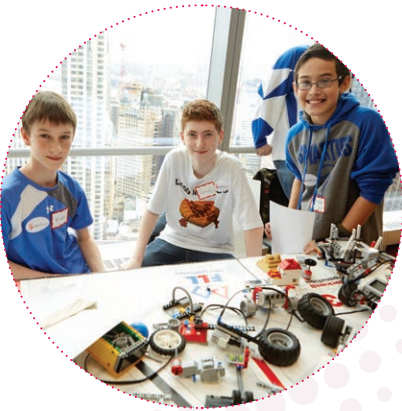


Building the STEM Pipeline

The Global STEM Alliance (GSA) is a world-wide talent identification and cultivation network, made up of more than 300 partners and reaching participants in over 100 countries. GSA initiatives are designed to inspire and prepare the next generation of innovators by focusing on three key program areas: mentorship, innovation challenges, and career and college readiness. Together we are committed to a goal of building a global network of over 1,000,000 STEM students in more than 100 countries by 2030.

During 2016 several new GSA initiatives helped us reach over **15,000 students**, scientists-in-training, educators and STEM professionals around the globe with more than **175,000** in person and online mentoring hours. These include:

- An expansion of program offerings to Pre-K through second grade teachers and students, as well as new in-person and online training courses in leadership, teaching and research management, nearly doubling available programming for educators and undergraduates.
- In the summer of 2016, the Academy hosted the first annual Global STEM Alliance Summit with 120 students and mentors from 20 countries who networked with corporate leaders, conducted field research and joined the ranks of the worlds' smartest network by becoming the next generation of Academy Members. The second cohorts of 1000 Girls, 1000 Futures and The Junior Academy were selected through a competitive application process that identified over 1,000 of the brightest students from 112 countries.
- In Fall 2016, the Academy launched the **Infosys Next Scholars program** and welcomed a class of 300 mentor/mentee pairs of female computer scientists from US universities. This program builds upon the success of the original Next Scholars program, which started in 2012 as a partnership between the Academy and the US Department of State. Many graduates of the original program have completed college and joined the Academy as mentors and leaders.
- An investment by United Technologies Corporation, announced in November 2016, will expand the GSA's reach to close to 200,000 participants a year by 2017.



STEM CERTIFICATION PROGRAM

In December, the Academy co-hosted an event with the Organisation for Economic Co-operation and Development, to launch its STEM Certification Program. Based on the GSA STEM Education Framework — a research-based set of best practices developed in partnership with SRI Education and an international advisory board of experts — the program provides thought leadership and identifies best-in-class learning materials designed to prepare students for the demands of 21st-century STEM careers.



Publications

Annals of the New York Academy of Sciences publishes two issues per month in all areas of science, though predominantly in the biological sciences. Issues present Original Research Articles and/or commissioned Review Articles. In 2016, the latest rankings by Clarivate Analytics of 11,459 journals in 81 countries journals worldwide showed Annals of the New York Academy of Sciences ranked 885 of the 11,459 journals.

Annals usage remains strong, with 1.8M unique visitors, ~1.5M full-text downloads, and 44,545 citations. Worldwide, 5,302 institutions purchased subscription access, while another ~5,200 institutions were provided low-cost or free access via Wiley’s philanthropic initiatives. Total revenue in 2016 was \$3.26M.

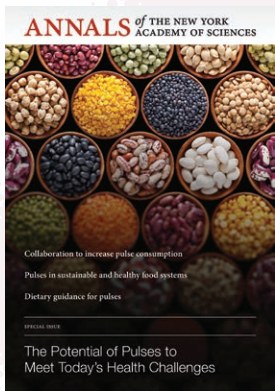
Nine annual scholarly Reviews Series are special Annals content because they are uniquely planned and edited by external experts in their fields; the series include: *The Year in Cognitive Neuroscience*, *The Year in Diabetes and Obesity*, *The Year in Evolutionary Biology*, *The Year in Ecology and Conservation Biology*, *The Year in Immunology*, *Addiction Reviews*, *Antimicrobial Therapeutics Reviews*, *The Year in Human and Medical Genetics*, and *The Year in Neurology and Psychiatry*. Each has a dedicated editor(s) and editorial advisory board who develop the annual roster of prospective authors and topics. These series offer scholarly reviews of quality equal to any top journal, as evidenced by numbers of annual citations.

BOOK SERIES

The Academy and Wiley co-branded Book Series published its first book. **Neurobiological Basis of Migraine** by Turgay Dalkara and Michael A. Moskowitz (ISBN: 978-1-118-96719).

Other books in progress include:

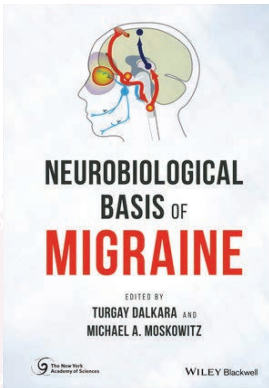
- **Building Brains 2e**
- **Microscopy-Based Imaging in Pathology and Disease**
- **Bacterial Molecular Genetics**
- **Postharvest Biology and Nanotechnology of Fruits, Vegetables and Flowers**
- **Glial Cell Biology**



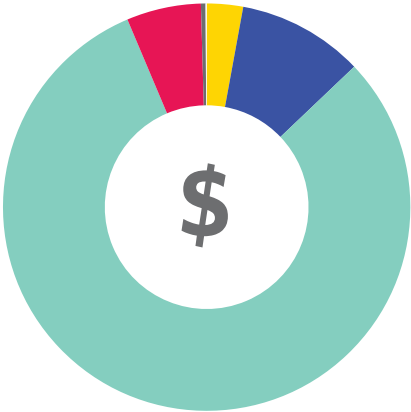
**RANKED
8TH
OF 64
MULTIDISCIPLINARY
JOURNALS WORLDWIDE**

**4.706 IMPACT
FACTOR**

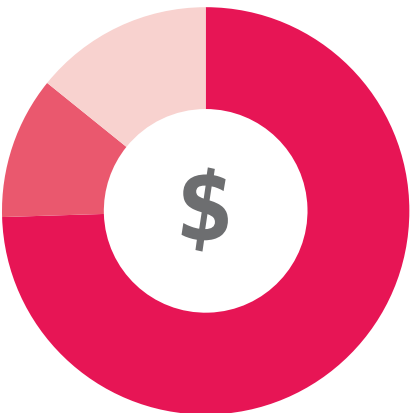
Journal Citation Reports® Science
Edition (Thomson Reuters, 2016)



Financial Statement



OPERATING SUPPORT AND REVENUE	
Membership Fees.....	\$703,395
Publication Sales And Advertising.....	\$2,446,194
Grants And Contributions.....	\$19,724,592
Registration And Meetings Fees	\$1,443,328
Interest And Dividends.....	\$89,581
Other Income	\$20,682
Total Operating Support And Revenue	\$24,427,772



OPERATING EXPENSES	
Program Expenses.....	\$ 16,457,007
Fundraising.....	\$ 2,493,524
General And Administrative.....	\$ 3,134,744
Total Operating Expenses	\$ 22,085,275



Change In Net Assets Before Depreciation.....	\$2,342,497
Less: Depreciation Expense	\$1,800,731
Change In Net Assets After Depreciation And Before Realized And Unrealized Gains On Investments	\$541,766
Realized And Unrealized Gains On Investments.....	(\$249,126)
Change In Net Assets.....	\$790,892

The above data has been condensed from the consolidated financial statements as of June 30, 2017, audited by EisnerAmper, LLP. Copies of the audited statements including the accountant’s unmodified opinion are available from the Academy upon request.

Conferences, Discussion Groups, and Scientific Events

LIVESTREAMS AND WEBINARS

*The Academy used the power of livestreaming, and archived video on demand, to put our ideas and events in front of audiences around the world. This year, more than 13,900 people watched an Academy event via Livestream or Webinar, more than **doubling our worldwide virtual audience** compared to the prior year.*

June 21 – 22, 2017
The Need to Accelerate Therapeutic Development—Must Randomized Trials Give Way?

June 19, 2017
Genome Integrity Discussion Group June 2017

June 13 – 14, 2017
Neuroplasticity, Neuroregeneration, and Brain Repair

June 12, 2017
Lyceum Society June 2017 Meeting

June 5, 2017
2017 Ross Prize in Molecular Medicine – Regulating Immunity: Fc Receptor Biology

May 25, 2017
Targeting Cancer Metabolism and Signaling

May 24, 2017
Chemical Biology Discussion Group Year-End Symposium

May 15 – 17, 2017
13th International Conference on Myasthenia Gravis and Related Disorders

May 11, 2017
Teaching Kids to Program with KIBO Workshop

May 1, 2017
Lyceum Society May 2017 Meeting

April 27, 2017
Industry Research Postdoctoral Programs

April 25, 2017
Complement Pathways in Disease

April 24, 2017
Unraveling Disciplinary Mind-sets

April 18, 2017
March for Science – Sign Making Event

April 11, 2017
Gene Therapy for Rare Diseases

April 10, 2017
Genome Integrity Discussion Group

April 3, 2017
Lyceum Society April 2017 Meeting

March 27, 2017
Close Encounters: The Dilemmas of Contact for Isolated Indigenous Peoples of the Amazon

March 21, 2017
Exosomes in the CNS

March 17 – 19, 2017
Interstellar Initiative

March 13, 2017
Targeting Tau in Alzheimer's Disease and Related Disorders

March 8, 2017
Webinar: What International Scientists Should Know about Immigration and Travel

March 7, 2017
You, Too, Can Peer Review! A Guide for Contributing to the Peer Review Process

March 6, 2017
Lyceum Society March 2017 Meeting

March 3, 2017
11th Annual Machine Learning Symposium

March 1, 2017
Quantitative Approaches in Immuno-Oncology

February 27, 2017
Water and the Big History of the Pre-Columbian Mississippi Valley

February 27 – 28, 2017
Frontiers in Cancer Immunotherapy

February 23, 2017
Non-Academic Career Tracks for International Scientists

February 21 – 24, 2017
Mid-Winter Break Science Camp for Middle Schoolers

February 15, 2017
The Deeper Self: An Expanded View of Consciousness

February 6, 2017
Genome Integrity Discussion Group

February 6, 2017
Lyceum Society February 2017 Meeting

February 3 – 4, 2017
Learn Basic Computing Skills to Be More Effective in the Lab

January 30, 2017
Re-Framing the Impacts of Cold War CIA Fronts

January 29, 2017
Celebrate 200: The New York Academy of Sciences 200th Anniversary Exhibition Opening

January 28, 2017
Risky Business – The Future of Biopharmaceutical Innovation

January 19, 2017
Webinar: Is a Postbac Right for You?

January 19, 2017
The New York Structural Biology Discussion Group 12th Winter Meeting

January 3, 2017
Lyceum Society January 2017 Meeting

December 13, 2016
The Changing Landscape for Postdocs in the US: Potential Implications and Systemic Changes to Support Postdocs in the US Beyond the FLSA Ruling

December 8, 2016
Fostering a Scientific Mindset: OECD 2015 PISA Results for Scientific Literacy

December 7, 2016
Dreaming: A Gateway to the Unconscious?

December 6, 2016
Alzheimer's Disease as a Neurovascular Inflammatory Disorder

December 5, 2016
Ancient Genomes, Paleoenvironments, Archaeology and the Peopling of the Americas

December 5, 2016
Genome Integrity Discussion Group

December 5, 2016
Lyceum 2016 Holiday Luncheon

December 2, 2016
Aging and Nutrition: Novel Approaches and Techniques

November 29, 2016
Summit on Science and Technology Enablement for the Sustainable Development Goals

November 15, 2016
Mucosal Healing of the Intestinal Epithelial Barrier

November 12, 2016
Women in Science Wikipedia Editathon 2016

November 10, 2016
Epigenetics in Cancer: Translational Medicine Approaches

November 9, 2016
Equivalence of Complex Drug Products: Scientific and Regulatory Challenges

November 7, 2016
Lyceum Society November 2016 Meeting

November 7, 2016 – February 9, 2017
Scientists Teaching Science Online Course: Fall/Winter 2016

November 3, 2016
Microbial Influences in Cardio-Metabolic Diseases

November 2, 2016
Grantsmanship for Students and Postdocs: F30, F31, F32

November 1, 2016 – February 9, 2017
Clinical Research Management Online Course Fall/Winter 2016

October 29 – December 10, 2016
From Scientists to CSO: Experiencing the Scientific Method as your Guide to Career Success

October 26, 2016
Delving Within: The New Science of the Unconscious

October 25, 2016
Emerging Paradigms in Drug Discovery & Chemical Biology

October 24, 2016
Re-framing Punishment

October 7, 2016
Advances in the Neurobiology of Mental Illness

October 3, 2016
Genome Integrity Discussion Group

September 26, 2016
Framing Lecture Series 1: "Making Accessible Futures: From Ramps to #cripthevote"

September 26, 2016
Lyceum Society October 2016 Meeting

September 22, 2016
Understanding Autophagy to Enhance Clinical Discovery: The 2016 Dr. Paul Janssen Award Symposium

September 21 – September 23, 2016
13th Key Symposium 2016: Bioelectronic Medicine – Technology Targeting Molecular Mechanisms

 September 16, 2016
Big Data, Consumer Technology, and the Obesity Epidemic: Emerging Science and Ethical Considerations

 September 15, 2016
198th Annual Meeting of the New York Academy of Sciences

 September 9, 2016
Protein Engineering and Protein Therapeutics

 September 8, 2016
Targeting Inflammation and Podocytopathy in Chronic Kidney Disease

August 29, 2016
Teaching Kids to Program with KIBO

 August 23, 2016
Info session about the NSF Graduate Research Fellowship Program

 August 18, 2016
Webinar: VISA Mechanisms for Scientists

August 1 – August 5, 2016
SEISMIC: The Science Mindset Collaborative

  July 28, 2016
1000 Girls, 1000 Futures Awards & Sustainable Development Goals Panel / Global STEM Alliance 2016 Summit

 July 14, 2016
The Ins and Outs of Scientific Publishing with Elsevier

 July 13, 2016
MicroRNAs: A Gene Silencing Mechanism with Therapeutic Implications

eBRIEFINGS

Multimedia recaps of Academy meetings designed to help a global audience stay informed about the latest research presented at Academy conferences and events.

You, Too, Can Peer Review

Frontiers in Cancer Immunotherapy

Alzheimer's Disease as a Neurovascular Inflammatory Disorder

What International Scientists Should Know about Immigration and Travel

The 2016 Blavatnik Science Symposium

Microbial Influences in Cardio-Metabolic Diseases

Understanding Autophagy to Enhance Clinical Discovery: The 2016 Dr. Paul Janssen Award Symposium

Equivalence of Complex Drug Products: Scientific and Regulatory Challenges

Grantsmanship for Graduate Students and Postdocs: F30, F31, F32

Advances in the Neurobiology of Mental Illness

Aging and Nutrition: Novel Approaches and Techniques

Big Data, Consumer Technology, and the Obesity Epidemic: Emerging Science and Ethical Considerations

Antibiotics in Food: Can Less Do More?

Multiple Sclerosis: Diagnostic and Treatment Frontiers

The Addicted Brain and New Treatment Frontiers: 6th Annual Aspen Brain Forum

MicroRNAs: A Gene Silencing Mechanism with Therapeutic Implications

Surgery and Cognition: Delirium, Cognitive Decline, and Opportunities to Protect the Brain

HIV 2016: HIV and Non-Communicable Diseases

The Physics of Everything

Food-Microbiome Interaction: Implications for Health and Disease

Sohn Conference: Pediatric Cancer in a Post-genomic World

Epigenetics: Cancer and Beyond

Disease Drivers of Aging: The 2016 Advances in Geroscience Summit

PODCASTS

Inform the public about important scientific topics in an easily digestible format; available on the Academy's website and on iTunes.

Proof of Concept Centers: Meeting the Market
Air Date: March 9, 2017

Finding the Nutritional Key to Longevity
Air Date: February 16, 2017

ANNALS OF THE NEW YORK ACADEMY OF SCIENCES

June 2017, Volume 1398
Special Issue: Phytochemicals in Medicine and Food I

June 2017, Volume 1397
Special Issue: Tight Junctions and Their Proteins I

May 2017, Volume 1396
Special Issue: The Year in Cognitive Neuroscience

May 2017, Volume 1395
Special Issue: Annals Reports

April 2017, Volume 1394
Special Issue: Addiction Reviews

April 2017, Volume 1393
Special Issue: Women's and Adolescent Nutrition

March 2017, Volume 1392
Special Issue: The Potential of Pulses to Meet Today's Health Challenges

March 2017, Volume 1391
Special Issue: The Year in Diabetes and Obesity

A Cross-Fertilization of Ideas: 200 Years of the New York Academy of Sciences
Air Date: January 26, 2017

The Face of Science: Mentors and Connections
Air Date: December 22, 2016

A Quantum State of Mind
Air Date: December 8, 2016

The Face of Science: Teaching Teachers
Air Date: November 17, 2016

Are We Alone in the Universe?
Air Date: October 27, 2016

February 2017, Volume 1390
Special Issue: Staple Crops Biofortified with Vitamins and Minerals – Considerations for a Public Health Strategy

February 2017, Volume 1389
Special Issue: The Year in Evolutionary Biology

January 2017, Volume 1388
Special Issue: Antimicrobial Therapeutics Reviews

January 2017, Volume 1387
Special Issue: Data Science, Learning, and Applications to Biomedical and Health Sciences

December 2016, Volume 1386
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