

## AAAS AWARDS AND PRIZES

The AAAS awards celebrate the achievements of extraordinary scientists, engineers, educators, and journalists. We congratulate each of our distinguished winners.



### **Lewis M. Branscomb**

AAAS PHILIP HAUGE  
ABELSON PRIZE

The Philip Hauge Abelson Prize, established in 1985, is awarded either to a public servant, in recognition of sustained exceptional contributions to advancing science, or to a scientist whose career has been distinguished both for scientific achievement and for other notable services to the scientific community.

Dr. Lewis M. Branscomb was selected for his prolific and distinguished career in science, technology, innovation, and policy; for his achievements in academia, in business, and in government, and as a philanthropist.



### **Hoosen Coovadia**

AAAS AWARD FOR  
SCIENTIFIC FREEDOM  
AND RESPONSIBILITY

The AAAS Award for Scientific Freedom and Responsibility, established in 1980, honors scientists, engineers, and their organizations whose exemplary actions, sometimes taken at significant personal cost, have served to foster scientific freedom and responsibility.

Dr. Hoosen Coovadia was honored for his unwavering belief, in the face of opposition from his government, that sound science should guide public policy, and for his devotion to the health of the most vulnerable.



### **Siegfried S. Hecker**

AAAS AWARD FOR SCIENCE  
DIPLOMACY

Established in 2012, the AAAS Award for Science Diplomacy recognizes an individual or a limited number of individuals working together in the scientific and engineering or foreign affairs communities making an outstanding contribution to furthering science diplomacy.

Dr. Siegfried S. Hecker was selected for his lifetime commitment to using the tools of science to address the challenges of nuclear proliferation and nuclear terrorism, and for his dedication to building bridges through science during the period following the end of the Cold War.



### **Mary Helen Immordino-Yang**

AAAS EARLY CAREER AWARD  
FOR PUBLIC ENGAGEMENT  
WITH SCIENCE

The AAAS Early Career Award for Public Engagement with Science, established in 2010 through the generosity of several AAAS donors, recognizes early-career scientists and engineers who demonstrate excellence in their contribution to public engagement with science activities.

Dr. Mary Helen Immordino-Yang was recognized for her sustained commitment and novel approach to integrating public engagement with science into her extensive research and scholarly activities, and for using public interactions to inform her research.



**Steven Strogatz**  
AAAS AWARD FOR PUBLIC  
ENGAGEMENT WITH SCIENCE

The AAAS Award for Public Engagement with Science, formerly the Award for Public Understanding of Science and Technology, was established in 1987 and recognizes working scientists and engineers who make outstanding contributions to the “popularization of science.”

Dr. Steven Strogatz was honored for his exceptional commitment to and passion for conveying the beauty and importance of mathematics to the general public.



**Paul B. Tchounwou**  
AAAS MENTOR AWARD

The AAAS Mentor Award, established in 1996, honors AAAS members who have mentored significant numbers of students from underrepresented groups or who have changed the climate of a department, college, or institution to significantly increase the diversity of students pursuing and completing doctoral studies in the sciences. This award is directed toward individuals in the early- or mid-career stage who have mentored students for less than 25 years.

Dr. Paul B. Tchounwou was selected for his transformative impact and contributions towards the production of African-American doctoral degree holders in the field of environmental sciences.



**Andrew Tsin**  
AAAS MENTOR AWARD  
FOR LIFETIME ACHIEVEMENT

The AAAS Mentor Award for Lifetime Achievement, established in 1991, honors AAAS members who have mentored significant numbers of students from underrepresented groups or who have changed the climate of a department, college, institution or field to significantly increase the diversity of students pursuing and completing doctoral studies in the sciences. This award is directed toward individuals with more than 25 years of success in mentoring students.

Dr. Andrew Tsin was selected for facilitating dramatic education and research changes at his institution that are leading to a significant production of Hispanic-American doctoral degree holders in the biological sciences.

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**AAAS NEWCOMB CLEVELAND PRIZE**  
Supported by The Fodor Family Trust

The Association’s oldest award, the AAAS Newcomb Cleveland Prize was established in 1923 with funds donated by Newcomb Cleveland of New York City. Now supported by The Fodor Family Trust, the Prize acknowledges an outstanding paper published in the Articles, Research Articles, or Reports sections of *Science*.

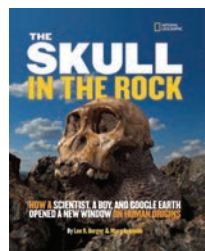
Travis A. Jarrell, Yi Wang, Adam E. Bloniarz, Christopher A. Brittin, Meng Xu, J. Nichol Thomson, Donna G. Albertson, David H. Hall, and Scott W. Emmons were recognized for the research article “The Connectome of a Decision-Making Neural Network,” published in *Science* 27 July 2012, pp. 437-444.

## AAAS/SUBARU SB&F PRIZES FOR EXCELLENCE IN SCIENCE BOOKS

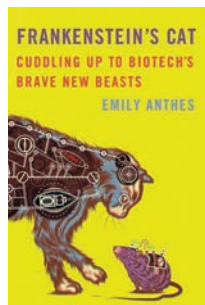
The AAAS/Subaru SB&F Prizes for Excellence in Science Books, established in 2005, celebrate outstanding science writing and illustration for children and young adults.



**CHILDREN'S SCIENCE  
PICTURE BOOK**  
*It's Our Garden*  
George Ancona  
(Candlewick Publishing)



**MIDDLE GRADES  
SCIENCE BOOK**  
*The Skull in the Rock*  
Lee Berger and Marc Aronson  
(National Geographic Children's  
Books)



**YOUNG ADULT SCIENCE BOOK**  
*Frankenstein's Cat*  
Emily Anthes  
(Scientific American/Farrar, Straus,  
Giroux)



**HANDS-ON SCIENCE BOOK**  
*Look Up! Bird-Watching in Your Own  
Backyard*  
Annette LeBlanc Cate  
(Candlewick Publishing)

## AAAS KAVLI SCIENCE JOURNALISM AWARDS

These awards, endowed by Fred Kavli and the Kavli Foundation, recognize excellence in reporting for a general audience and honor individual reporters for their coverage of the sciences, engineering, and mathematics.

### LARGE NEWSPAPER—CIRCULATION OF 100,000 OR MORE

Dan Egan  
*Milwaukee Journal Sentinel*

### SMALL NEWSPAPER—CIRCULATION LESS THAN 100,000

Azeen Ghorayshi  
*East Bay Express*

### MAGAZINE

Hillary Rosner  
*Wired*

### TELEVISION SPOT NEWS/FEATURE REPORTING (20 MINUTES OR LESS)

Joshua Seftel  
NOVA scienceNOW

### TELEVISION IN-DEPTH REPORTING (MORE THAN 20 MINUTES)

Dennis Wells, Linda Goldman, David Royle  
Smithsonian Channel

### RADIO

Howard Berkes, Andrea de Leon, Sandra Bartlett, NPR,  
and Chris Hamby, The Center for Public Integrity

### CERTIFICATE OF MERIT – RADIO

Ashley Ahearn  
KUOW

### ONLINE

Phil McKenna  
MATTER

### CHILDREN'S SCIENCE NEWS

Barbara Lich  
*GEOLino* magazine (Germany)