

AAAS Awards

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

AAAS Awards Highlights



CHARLES M. VEST

Philip Hauge Abelson Prize

The coveted Abelson Prize honors a public servant for exceptional contributions to advancing science, or a scientist or engineer for a distinguished career of scientific achievement and service to the community.

Charles M. Vest was recognized for his effective leadership and outstanding contributions to the areas of public policy, university research, and education.



S. JAMES GATES, JR.

Award for Public Understanding of Science and Technology

The award recognizes working scientists and engineers who make outstanding contributions to the “popularization of science.”

S. James Gates, Jr. was honored for sustained and career-long contributions to the public understanding of physics.



JIANGUO WU

Award for International Scientific Cooperation

The award recognizes extraordinary contributions to furthering international cooperation in science and engineering.

Jianguo Wu was honored for pioneering efforts and outstanding contributions to international initiatives in support of sustainability science, specifically his conceptual modeling activities, commitment to landscape ecological research, and mentoring of young scholars.

AAAS Awards

Scientific Freedom and Responsibility Award

The award honors scientists and engineers whose exemplary actions, often taken at significant personal cost, have served to foster scientific freedom and responsibility.

These dedicated individuals were honored for their determination to defend sound education in U.S. public schools by vigorously challenging attempts to introduce intelligent design into science classes.



EUGENIE SCOTT



R. WESLEY MCCOY



DOVER HIGH SCHOOL SCIENCE DEPARTMENT

FRONT ROW (LEFT TO RIGHT) BERTHA SPAHR (DEPARTMENT CHAIR),
LESLIE PRALL, JENNIFER MILLER; BACK ROW (LEFT TO RIGHT) DAVID TAYLOR,
ROBERT LINKER, BRIAN BAHN, ROBERT ESHBACH



GARY S. MAY

Mentor Award

The award honors early or mid-career members who have mentored and guided significant numbers of underrepresented students toward a Ph.D. degree in the sciences, as well as scholarship, activism, and community-building for underrepresented groups.

Gary S. May was recognized for his outstanding contributions in recruiting, mentoring, and educating members of underrepresented groups in science and engineering careers.



RAYMOND L. JOHNSON

Mentor Award for Lifetime Achievement

The award honors members who, for more than 25 years, have mentored and guided significant numbers of underrepresented students toward a Ph.D. degree in the sciences, as well as scholarship, activism, and community-building for underrepresented groups.

Raymond L. Johnson was honored for his substantial contributions to mentoring students and for leadership in promoting Ph.D. careers among underrepresented groups in mathematical science.

Science Journalism Awards

The awards recognize outstanding reporting for a general audience and honor individual reporters for their coverage of the sciences, engineering, and mathematics. The independently judged competition is sponsored by Johnson & Johnson Pharmaceutical Research & Development, L.L.C.

- ▶ Large Newspaper – Stacey Burling, *The Philadelphia Inquirer*
- ▶ Small Newspaper – Michelle Nijhuis, *High Country News*

- ▶ Magazine Reporting – Craig Canine, *Smithsonian*
- ▶ Television Reporting – Samuel Fine, Julia Cort, Vincent Liota, Peter Doyle and Dean Irwin, NOVA scienceNOW
- ▶ Radio Reporting – Bruce Gellerman, Steve Curwood, Terry Fitzpatrick, Chris Ballman, Public Radio International’s “Living on Earth” program
- ▶ Online Reporting – Larisa Epatko, Leah Clapman, Rich Vary, and Katie Kleinman, Online NewsHour with Jim Lehrer
- ▶ Children’s Science News – Beth Geiger, *Current Science*

Co-Sponsored AAAS Prizes

The Young Scientists Award

SUPPORTED BY GE HEALTHCARE

This prize recognizes outstanding Ph.D. thesis work in molecular biology worldwide.

Grand Prize Winner: Irene A. Chen investigated how simple protocells, formed by encapsulating RNA inside vesicles, interactions between the RNA and the membrane lead to the emergence of essential cellular behaviors.

Regional Winners:

- ▶ North America – Dianne Schwarz
- ▶ Europe – Bernhard Loll
- ▶ All Other Countries – Ron Milo

Newcomb Cleveland Prize

SUPPORTED BY AFFYMETRIX

The prize acknowledges an outstanding paper published in the Research Articles or Reports sections of Science.

Jason R. Petta, Alexander C. Johnson, Jacob M. Taylor, Edward A. Laird, Amir Yacoby, Mikhail D. Lukin, Charles M. Marcus, Micah P. Hanson, Arthur C. Gossard for the research article “Coherent Manipulation of Coupled Electron Spins in Semiconductor Quantum Dots,” published online in Science Express 1 September 2005, published in print 30 September 2005, pp. 2180–2184.

AAAS/Subaru SB&F Prizes for Excellence in Science Books

The prizes, sponsored by Subaru of America Inc., celebrate outstanding science writing and illustration for children and young adults.

CHILDREN’S SCIENCE PICTURE BOOK

Dianna Aston, Author
Sylvia Long, Illustrator
An Egg Is Quiet
(Chronicle Books LLC, 2006)

MIDDLE GRADES SCIENCE BOOK

Catherine Thimmesh, Author
Team Moon: How 400,000 People Landed Apollo 11 on the Moon
(Houghton Mifflin Co., 2006)

YOUNG ADULT SCIENCE BOOK

Eric Dinerstein, Author
Tigerland and Other Unintended Destinations
(Island Press, 2005)

HANDS-ON SCIENCE/ACTIVITY BOOK

Laurie Carlson, Author
Thomas Edison: His Life and Ideas
(Chicago Review Press, 2006)