THE SOCIETY’S OUTREACH & EQUITY PARTNERS INCLUDE

Regeneron
The Ahmanson Foundation
Arconic Foundation
The Burton Family Foundation
Central Intelligence Agency
Corning Incorporated Foundation
DoD STEM Defense STEM Education Consortium
Intel Foundation
The Lemelson Foundation
National Geographic Society
The Ralph M. Parsons Foundation
Simons Foundation

For more information, please contact:
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In 2015, the Society launched a suite of Outreach & Equity programs with the aim of ensuring that every young person in the United States has the opportunity to become a scientist or engineer. Today, millions of students, educators and community members across the United States, the District of Columbia and U.S. territories have access to these programs and the opportunities they create.

The Society’s Outreach & Equity programs work at every level of the STEM talent pipeline to provide equitable access to high-quality educational content and experiences, and to increase participation of students from underrepresented and low-income communities in STEM research, degree programs and careers.

### Our Outreach & Equity Impact

<table>
<thead>
<tr>
<th>Program</th>
<th>Students Access Equipment</th>
<th>Students Mentored</th>
<th>Advocates Mentoring Underserved Students</th>
<th>Teacher Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advocate Program (2015–2021)</td>
<td>23,045</td>
<td>4,248</td>
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<td>1,460</td>
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<td>RESEARCH TEACHERS CONFERENCES (2015–2021)</td>
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<tr>
<td>STEM RESEARCH GRANTS (2017–2021)</td>
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<td>STEM ACTION GRANTS (2016–2021)</td>
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Science News Learning (formerly Science News in High Schools) supports STEM education in the classroom by bringing the award-winning journalism of Science News with lessons and activities to schools across the United States.

Participating schools receive:

• **10 print copies of each Science News issue** throughout the school year — providing access to the latest in-depth science reporting

• **Year-round access to ScienceNews.org** and its full archives back to 1921

• Access to a **Digital Educator Guide Library** full of interdisciplinary lesson plans, each aligned with Next Generation Science Standards and paired to two reading levels of a Science News article

• **Weekly newsletters** that deliver the most-recently developed lesson plans and provide other educational opportunities and resources

• **Access to an Educator Community** to share ideas and best practices for integrating the program resources into the classroom and a **webinar workshop series** to further enhance collaboration

**Provide a school with access to the program for just $575!**

Help empower the next generation by increasing scientific literacy and ensuring students leave the K-12 system with the skills and motivation they need to succeed in college STEM classes and careers.

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Science News Learning supports the entire spectrum of student STEM needs. It provides meaningful literacy materials for our lower level readers, while inspiring the students who want to take on the challenges of student science research.”

— **DANIEL MATTHEWS**

KAIJA HIGH SCHOOL

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Our goal is to provide program access to 10,000 schools.
The Advocate Program provides motivated teachers, scientists and mentors with a comprehensive year of support to serve as an Advocate for students from low-income households and students from racial or ethnic groups underrepresented in STEM—increasing access to STEM research competition experiences and empowering more young people to take advantage of this critical pathway to a career in STEM. The program includes a $3,000 stipend, Society staff support throughout the year and an all-expenses-paid trip to Washington, D.C. for the Advocate Training Institute.

Since 2015, 258 Advocates and 4,248 students have participated in the Program. The 2022 Advocate class will be our largest to date with 84 Advocates.

“A student told me she wasn’t a scientist when she entered the STEM lab on the first day. After showing her around, she had so many questions and loved being in there. She left that day saying, ‘I didn’t know I could ask questions that were important to anyone else. I didn’t know that I could be a scientist. Cool!'”

— LAUREN DUDLEY, CHAPMAN UNIVERSITY, ORANGE, CA

Our goal is to support and train 100 Advocates annually.
Our High School and Middle School Research Teachers Conferences were created with the goal of building a national community of science and engineering research teachers to share best practices and troubleshoot the challenges of leading student research. These conferences bring together 200 high school and 75 middle school research teachers annually for an all-expenses-paid weekend of professional development in Washington, DC.

These teacher-led conferences foster natural discussion and encourage participants to interact and share with each other the techniques that have proven beneficial in their own classrooms and communities. Each conference includes several breakout sessions, and often a keynote, focused on recruiting and supporting students who are underrepresented in STEM.

“I feel energized and empowered to go back to my colleagues and students to share best practices and to implement a plethora of new things that I have learned from Research Teacher’s from all around the country.”

— JENNIFER DONNELLY
JOSE MARTI STEM ACADEMY
UNION CITY, NJ

We aim to grow our middle school conference to 200 teachers.
Research shows that participating in a science research project increases student interest in STEM careers, but such opportunities are far too limited—especially in under-resourced schools where teachers do not even have basic lab materials. STEM Research Grants support school-based science research programs by providing research teachers one-time grants of $1,000 in take-home STEM research equipment or up to $5,000 for the purchase of specialized equipment.

Take-home equipment includes items such as trail cams, water-testing kits, micro-controllers and mini solar panels. With specialized funds, educators have purchased mini wind tunnels, pop-up greenhouses, incubators and electrophoresis equipment.

“This equipment will provide us with the necessary tools to focus our learning on engineering and exploratory science. I see this grant impacting our school and students in a positive way for many years!”

— DEVIN BERGE
LA PLATA MIDDLE SCHOOL
SILVER CITY, NM

Our goal is to double our grant-making capacity to $275,000 to increase opportunity for student research nationwide.
The STEM Action Grants program is helping to grow the next generation of STEM social entrepreneurs by strengthening and supporting innovative, community-driven nonprofit organizations working to nurture STEM potential in underserved communities. These groundbreaking nonprofits are often left out of traditional philanthropic giving. The Society supports their essential work with catalytic funds via microgrants of up to $5,000 each in addition to media exposure.

**OUR 2021 GRANTEES**

- 3D Girls, Incorporated
- Baltimore Underground Science Space
- Be Loud Studios
- Black Girls Do Engineer Corporation
- Blue Marble Space Institute of Science
- California Desert Land Conservancy
- CodeCreate
- Connect Crew at Memphis Public Libraries
- Envirolution Inc.
- Forging Opportunities for Refugees in America
- Future Advancers of Science and Technology
- Intrepid Museum Foundation, Inc.
- Kul Wicasa Wopasi
- Learn Fresh
- Michigan Science Center
- Northwest Ecological Research Institute
- ‘Ohana Kilo Hōkū
- OpenWise Foundation, Inc.
- Opportunity X
- Pink Space Theory
- Full STEAM Forward
- National Forest Foundation
- Quest Science Club, Inc.
- Black Pilots of America, Red-Tailed Hawks Chapter
- Richmond Minorities in Engineering Partnership
- Rosie Riveters
- Rural Resources Farm & Food Education Center
- Safe Alternative Foundation for Education, Inc
- Science Moab Engagement Initiative
- Stem is Childs Play Foundation
- Black Girls Dive Foundation
- Student Global Ambassador Program
- Tech Kids Unlimited
- The GEMS Camp
- The Latino Student Fund
- Venture Outdoors
- Women’s Audio Mission
- Youth Code Jam

We aim to double our grant-making capacity to $350,000 annually to build and support a national grassroots ecosystem of community-based STEM organizations.
Support OUTREACH & EQUITY

The Society for Science is a champion for science, dedicated to expanding scientific literacy, effective STEM education and scientific research. Founded in 1921, we are a nonprofit 501(c)(3) membership organization focused on promoting the understanding and appreciation of science and the vital role it plays in human advancement: to inform, educate and inspire.

The Society’s Outreach & Equity STEM programs create opportunity for students in underserved and underrepresented communities by nurturing their STEM interests and talents and by supporting educators and community-based organizations in creating high-quality, meaningful STEM learning experiences.

As a Society partner, your organization will impact and inspire thousands of STEM students—either on a national level or in specific local communities of interest—and gain visibility with future STEM talent, teachers and school communities.

With additional investment, we can do much more.
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