

The Academy of Applied Science invites you to help us fuel that spark of genius in others by supporting our K-12 STEM (Science, Technology, Engineering and Math) programs. **Help us challenge today's students and inspire tomorrow's STEM careers!**

DONATE TODAY!

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Academy of Applied Science
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AAS ACADEMY OF APPLIED SCIENCE

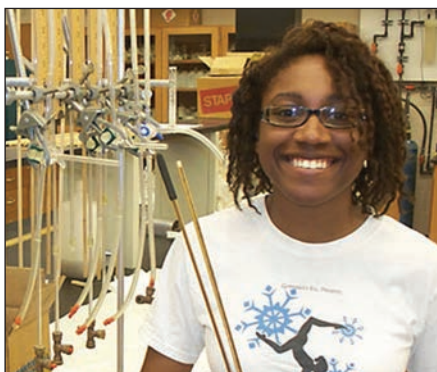
AAS focuses only on STEM programs that make a meaningful impact on a student's life. Working on real research gives the students the ownership, experience and excitement of true science.

Founded in 1963, the Academy of Applied Science (AAS) is a New Hampshire-based, 501(c)(3) non-profit organization that administers Invention and STEM (Science, Technology, Engineering and Math) programs for elementary, middle and high school students.

AAS's unique programs are designed to engage and challenge students in STEM over the course of several weeks, a semester or longer. The programs encourage and guide students to learn how to apply scientific knowledge to everyday life, research and inventions.

Funding for AAS comes from two sources. Some programs are funded by grants and donations to the Academy. Others have been funded for more than 50 years by the three branches of the United States military.

More than 75,000 students in the U.S. and Department of Defense schools in Europe and the Pacific have had a long-term and meaningful engagement in STEM through AAS programs. **The impact is significant:** 87% of the surveyed high school students who participated in AAS programs planned to enroll in STEM studies at the undergraduate level.



ACADEMY OF APPLIED SCIENCE

Fueling the Spark of Genius

*Remember that first spark you
felt when you realized you loved science?
Or when you discovered that you were
good—really good—at taking things
apart and putting them back together?
Or the first time the program
you wrote ran perfectly?*



AAS
ACADEMY
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Remember how you were always building something,
inventing something...and math was a tool you used?



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You can help us fuel that spark of genius in others!

603-228-4530 • AAS-World.org/Donation

AAS administers STEM programs where students apply scientific knowledge to life, research and inventions.

Young Inventors' Program® (YIP) is a New Hampshire state-wide program conducted through schools and culminating in an annual competition. YIP helps K-8 students develop critical thinking and problem solving skills by inviting them to invent solutions to everyday problems and reaches/ motivates students who may not “fit the mold” for traditional sciences.

Junior Science and Humanities Symposium (JSHS) is a nationwide independent research competition that challenges and engages more than 8,000 high school students to present their research at university-held regional symposia. Winners advance to the National symposium in April and compete for scholarships.

Research and Engineering Apprenticeship Program (REAP) is a 6-8 week internship providing opportunities for underserved and underrepresented high school students to conduct hands-on research and to prepare for future STEM studies at the university level.

Naval Science Awards Program (NSAP) provides awards to more than 300 Navy-selected science fairs nationwide. AAS administers the complete fulfillment of these awards.

Student Success Stories

www.AAS-World.com/Success

Dan Weitz, three-time National Junior Science and Humanities Symposium (JSHS) participant, credits his JSHS experience for giving him the ability to see his own work (plasma physics and fusion) in the context of both other scientists and society as a whole. “I suspect that few scientists have the privilege of such interdisciplinary exposure, particularly at such a young age.”

Allison Cobb, Research and Engineering Apprenticeship Program (REAP), apprentice in 1993 and 1994,

attributes much of her drive, direction and interest in the food industry to the two summers she spent working at the University of Illinois Food Science Department under REAP mentor Dr. Shelly Schmidt. Allison began at Hormel Foods a month after graduation and got a promotion less than a year later.

Ian and Kristen Palleiko – Kristen: “We (my son Ian and I) have been coming to the Young Inventors' Program® celebration since 2006 and I simply cannot thank you enough for this program. I really, really want you to know that you and AAS have made a huge difference in this boy's life!”

Participate

To find a regional competition for any of our programs, visit www.AAS-World.org.

Volunteer: The Academy's continued success is due, in large part, to a remarkable network of energetic volunteers. Would you like to mentor a student? Judge a science or invention competition? Help in the office or be a virtual helper online? We encourage you to join our fun team of volunteers who are making a real difference. Please send us an email (info@as-world.org) or call 603-228-4530

Endow: One of the simplest ways to remember AAS in your estate plan is to make AAS a beneficiary of all or part



of an existing life insurance policy. On your change of beneficiary form, name “Academy of Applied Science”, tax ID 04-2314685, located in Concord, New Hampshire,” a beneficiary of the policy, either for a percentage of the value of the policy or for a specific amount.

Donate: Make a difference in a student's life by making a donation to the Academy of Applied Science. Investing in the proven STEM programs that AAS administers is an investment in the future. Use the form provided, and see how you can make a difference with your donation. Donations are considered charitable contributions to our 501(c)3 non-profit corporation, and will be appropriately acknowledged with a tax contribution receipt.