



## Breakthrough Junior Challenge

**Deadline: July 1, 2018**

National Geographic invites youth ages 13 to 18 to participate in the Breakthrough Junior Challenge, an annual global competition for students, designed to inspire creative thinking about science. Participating youth create and submit an original video, no more than 3 minutes in length, that brings to life a concept or theory in the life sciences, fundamental physics or mathematics.

The submissions are judged on the student's ability to communicate complex scientific ideas in the most engaging, illuminating, and imaginative ways.

The deadline for submissions is July 1, 2018. The prizes are:

- \$250,000 college scholarship for the winning student
- \$50,000 teacher prize for the winning student's teacher
- \$100,000 state-of-the-art science lab for the winning student's school



[Learn more & apply](#)

## Mapping the Gaps between Expert and Public Understandings of Bridging STEM Learning Environments

A new report published by the FrameWorks Institute offers updated insights into how advocates can make the case for STEM learning in out-of-school-time settings. The report outlines public views on STEM learning and provides a strategy for advocates to overcome these challenges. This new report provides a distillation of the STEM field's priorities for communicating to the public and non-expert audiences, a summary of the shared patterns in public thinking about STEM learning, and a discussion of the implications of the FrameWorks work for communicating about informal STEM learning opportunities.



[Read it here](#)

## STEM Grants for Rural Arizona Programs

RAIN is an Innovations in Development project funded by the National Science Foundation. This program is being spearheaded by Arizona State University, Arizona Science Center, The Arizona Tech Council, and the Lifelong Learning Group of COSI. RAIN is providing grants to rural regions of Arizona to promote new and innovative extracurricular STEM activities. The grant applications are not limited to schools; for those who have a great idea for a sustainable summer, weekend or after-school STEM activity or project. Grants are available from \$100 up to \$5,000.



[Learn more](#)

Arizona Center for Afterschool Excellence

[azafterschool.org/STEM](http://azafterschool.org/STEM)

