Check out the latest NASA opportunities for the education community.

**NASA’s Digital Learning Network Live Event -- Cassini’s Final Days Webcast**

**Audience:** All Educators and Students  
**Event Date:** Sept. 7, 2017, 1 - 2 p.m. EDT  
**Contact:** DLiNfochannel@gmail.com

On Sept. 15, 2017, the Cassini spacecraft will plunge into Saturn, thus completing a nearly 20-year mission. Join NASA’s Digital Learning Network for a live one-hour virtual event -- just days before the end of mission -- to learn more about the upcoming “grand finale.” Ask NASA experts your questions via Twitter.
Zero Robotics High School Tournament 2017
Audience: 9-12 Educators and Students
Kick-Off Event: Sept. 9, 2017, at 1 p.m. EDT
Registration Deadline: Sept. 27, 2017
Contact: zerorobotics@mit.edu

Teams of U.S. high school students are challenged to design a software program for small satellites called SPHERES that operate inside the cabin of the International Space Station. Finalists will have their codes sent to the station, where an astronaut will program the SPHERES to run their tests. Visit the site on Sept. 9, 2017, at 1 p.m. EDT, to watch this year's live kickoff event.

There's Space in Your Classroom for Cross-Curricula: Space Science and the Engineering Design Process in a Culturally Relevant Way
Audience: Educators of Grades 3-8
Event Date: Sept. 11, 2017, at 5 p.m. EDT
Contact: slt95@txstate.edu

Join the NASA STEM Educator Professional Development Collaborative at Texas State University for free 60-minute webinar. Participants will learn about the engineering design process and explore methods of implementing culturally responsive bilingual activities and lessons. Online registration required.

Launching Soon! ‘A Year of Education on Station’
Audience: All Educators and Students
Launch Date: Sept. 12, 2017, at 5:17 p.m. EDT
Contact: JSC-STEMonStation@mail.nasa.gov

Tune in to NASA TV next Tuesday to watch astronaut and former classroom teacher Joe Acaba and his Expedition 53-54 crewmates Mark Vande Hei and Alexander Misurkin launch to the International Space Station. Shortly after they return in February 2018, astronaut and former classroom teacher Ricky Arnold will launch to the space station.
as part of the Expedition 55-56 crew. Keep an eye out for another upcoming launch – “A Year of Education on Station” website -- for opportunities and resources designed to connect educators and students with Acaba’s and Arnold’s missions.

**NASA’s Digital Learning Network Live Event -- Back-to-School Blast and Farewell Webcast**

**Audience:** All Educators and Students  
**Event Date:** Sept. 21, 2017, 9:30 a.m. - 4:30 p.m. EDT  
**Contact:** DLiNfochannel@gmail.com

On Sept. 21, 2017, celebrate the beginning of a new school year and say goodbye to NASA’s Digital Learning Network! All missions must come to an end, and the DLN would like to go out with a bang. Please register at [http://bit.ly/DLN Farewell](http://bit.ly/DLN Farewell) to be eligible to participate in the live virtual audience, or tune in to the DLiNfo Channel and ask questions @NASADLN via Twitter using #askDLN or via email at DLiNfochannel@gmail.com.

**Teachable Moment -- The Farthest Operating Spacecraft, Voyagers 1 and 2, Still Exploring 40 Years Later**

**Audience:** Educators of Grades K-12  
**Contact:** ota.l.lutz@jpl.nasa.gov

Four decades ago, NASA’s Voyager 1 and 2 spacecraft embarked on an ambitious mission to explore the giant outer planets. Since completing their flybys of Jupiter, Saturn, Uranus and Neptune in 1989, they have been journeying toward the farthest reaches of our solar system -- where no spacecraft has been before. Bring their record-breaking journey to the classroom with the latest Teachable Moment resources from JPL Education.

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There's Space in Your Classroom for Cross-Curricular: STEAM-rolling Through Space

Audience: Educators of Grades 5-12
Event Date: Sept. 7, 2017, at 6 p.m. EDT
Contact: stephen.p.culivan@nasa.gov

Join the NASA STEM Educator Professional Development Collaborative at Texas State University for free 60-minute webinar. Explore beyond the science, technology, engineering and mathematics of space. Integrate the “A” in STEAM in your classroom by learning the important role language, art and music play in space exploration. Online registration required.

NASA Swarmathon: Seeking College Teams for Virtual Robotics Competition!

Audience: Higher Education Faculty and Students at Minority Serving Universities and Minority Serving Community Colleges
Event Date: Sept. 15, 2017
Contact: info@nasaswarmathon.com

The 2018 NASA Swarmathon Virtual Competition challenges students to develop search algorithms for robotic swarms. These algorithms will be tested by competition organizers in a virtual environment. Selected teams will receive a $500 stipend for their faculty member; training via live webinars, videos and guides; and access to technical forums.

NASA Goddard Institute for Space Studies Seek Educators for Climate Change Research Initiative

Audience: Full-time 9-12 STEM Educators Who Are U.S. Citizens and Reside Within 50 Miles of NYC
Application Deadline: Sept. 21, 2017
Contact: matthew.d.pearce@nasa.gov

This yearlong STEM engagement opportunity
allows high school STEM educators to work
directly with NASA scientists, to lead
research teams, and to develop STEM
curricula for their current classes. Educators
participating in this opportunity will become
associate researchers who integrate NASA
education resources and content into their
classrooms while improving STEM education
within their communities.

**Become a Member of the Infiniscope Education Advisory Board**

**Audience:** Formal and Informal Educators of Grades 5-12

**Application Deadline:** Sept. 29, 2017

**Contact:** ilswann@asu.edu

Infiniscope invites you to apply to become an Infiniscope Education Advisory Board member for a renewable one-year term from 2017-2018. Board members will review Infiniscope-developed educational products and receive a stipend, training, collaborative space, and recognition on the Infiniscope website. Board members also will have opportunities to earn badges and attend group meet-ups at national conventions.

**Solar System Ambassadors Program**

**Accepting Applications**

**Audience:** All Educators

**Application Period:** Sept. 1-30, 2017

**Contact:** ambassad@jpl.nasa.gov

The Solar System Ambassadors Program is a nationwide network of space enthusiast volunteers. Highly motivated enthusiasts nationwide are eligible to join -- and those in Arkansas, Delaware, Idaho, Iowa, Mississippi, Montana, Nebraska, North Dakota, South Dakota, Vermont, West Virginia, Wyoming, the District of Columbia and U.S. territories are especially encouraged to apply.
**NASA Goddard Institute for Space Studies**

**Seek Students for Climate Change Research Initiative**

**Audience:** Graduate Students Who Are U.S. Citizens and Reside Within 50 Miles of NYC

**Application Deadline:** Sept. 21, 2017

**Contact:** matthew.d.pearce@nasa.gov

The CCRI internship is a yearlong opportunity to work directly with NASA scientists and research teams on a NASA research project related to climate change. This opportunity will not conflict with the student’s course work and class schedule during the fall and spring. The internship is considered a part-time position that supports the graduate student’s major area of study.

**BIG Idea Challenge 2018**

**Audience:** Full-time Undergraduate and Graduate Students

**NoI Deadline:** Oct. 1, 2017

**Entry Deadline:** Nov. 30, 2017

**Contact:** BigIdea@nianet.org

NASA’s 2018 Breakthrough, Innovative and Game-changing (BIG) Idea Challenge seeks innovations in the design, installation and sustainable operation of a large solar power system on Mars. Top teams present their concepts via a design review at NASA’s Langley Research Center in Virginia or NASA’s Glenn Research Center in Ohio. The winning team will receive NASA internship offers.

**NASA History Program Office Spring 2018 Internships**

**Audience:** Undergraduate and Graduate Students

**Application Deadline:** Oct. 1, 2017

**Contact:** bill.barry@nasa.gov

The NASA History Program Office is seeking undergraduate and graduate students for spring 2018 internships. The History Division maintains archival materials to answer research questions. The division edits and publishes several books and monographs each year, and it maintains websites and social media featuring NASA history. Strong research, writing and editing skills are
Are you looking for NASA educational materials to support your STEM curriculum? Search hundreds of resources by subject, grade level, type and keyword at http://www.nasa.gov/education/resources/.

Find NASA science resources for your classroom. NASA Wavelength is a digital collection of Earth and space science resources for educators of all levels -- from elementary to college, to out-of-school programs. http://nasawavelength.org/

Check out the 'Explore NASA Science' website! Science starts with questions, leading to discoveries. Visit https://science.nasa.gov. To view the site in Spanish, visit http://ciencia.nasa.gov.

Do you just want to receive weekly updates on NASA Education opportunities relating to science? Sign up for the NASA Education “Science WOW!” newsletter for science opportunities delivered to your inbox “Weekly on Wednesdays!” https://www.nasa.gov/education/sciencewow/

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