

Explorer Educator Resources

There are many of opportunities for teachers to bring the real-world into their classroom. If you're interested in going on a teacher-researcher program, here are a few of our favorites to get you started (including the ones we went on ourselves). Or, if you're interested in lesson plans, instructional materials, and other resources generated by teachers in the field, here are some links for you.

Please don't hesitate to contact us if you think we can help!

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PolarTREC

PolarTREC (Teachers and Researchers Exploring and Collaborating) is a program in which teachers from the United States (both formal and informal) spend 3-6 weeks participating in hands-on field research experiences in the polar regions. The goal of PolarTREC is to invigorate polar science education and understanding by bringing educators and polar researchers together.

- Link to PolarTREC website: <https://www.polartrec.com/>
- Link to PolarTREC's facebook group: <https://www.facebook.com/groups/254021044705820/>
- Link to Kate Miller's journals: bit.ly/MillerSouthPole
- Link to Kate Miller's facebook: [facebook.com/MillerSouthPole](https://www.facebook.com/MillerSouthPole)
- Link to PolarTREC lesson plans (made by teachers!): <https://www.polartrec.com/resources/search>

Grosvenor Teacher Fellow Program

The Grosvenor Teacher Fellow (GTF) program is a professional development opportunity made possible by a partnership between Lindblad Expeditions and National Geographic Education. The program is named in honor of Gilbert M. Grosvenor, Chairman Emeritus National Geographic Society and Education Foundation Board. It gives current K-12 classroom teachers and informal educators from the 50 U.S. states, Canada, the District of Columbia, and Puerto Rico the opportunity to extend Grosvenor's legacy of excellence in geographic education. Exemplary educators are recognized for their commitment to geographic education and given the opportunity to travel aboard the Lindblad-National Geographic fleet. Through this experience, they bring new geographic awareness into their learning environments and communities.

- Link to website: <https://www.nationalgeographic.org/education/programs/grosvenor-teacher-fellows>
- Link to teacher lesson plans: <https://www.nationalgeographic.org/lesson/>
- Link to Jennifer Burgin's blog about her expedition: <https://sites.google.com/view/mrsjburgin/gal%C3%A1pagos>
- Also consider joining the Google+ group for the Nat Geo Educator Community: <https://plus.google.com/> (this site will connect to your APS Google Drive log-in and send you emails when people post, including Jennifer Burgin and her fellow fellows)

Ocean Exploration Trust Science Communication Fellowship

The Ocean Exploration Trust's Science Communication Fellowship (SCF) Program immerses formal and informal educators in the Nautilus [Corps of Exploration](#) and empowers them to bring ocean exploration - specifically in the fields of science, technology, engineering, and mathematics (STEM) - to a global audience via the [Nautilus Live](#) website. Fellows share accounts of ocean science, expedition operations and daily life with audiences through live audio commentary and question-and-answer sessions from aboard the ship.

Through participation in live interactions with student groups and public audiences, Fellows also engage people of all ages in real-time exploration. Science Communication Fellows then bring their expedition experience back to their own classrooms, organizations and communities in the form of engaging lesson plans and activities centered around their time at sea aboard Nautilus.

- Link to website: <http://www.oceanexplorationtrust.org/communication-fellowship>

NOAA Teacher at Sea

The mission of the National Oceanic and Atmospheric Administration's (NOAA) Teacher at Sea Program is to provide teachers hands-on, real-world research experience working at sea with world-renowned NOAA scientists, thereby giving them unique insight into oceanic and atmospheric research crucial to the nation. The program provides a unique opportunity for kindergarten through college-level teachers to sail aboard NOAA research ships to work under the tutelage of scientists and crew.

- Link to website: <http://teacheratsea.noaa.gov/#/home/>
- Teacher at Sea resources & lessons:
http://teacheratsea.noaa.gov/#/resources/Teacher_at_Sea_Book_1

Fulbright Distinguished Awards in Teaching Short-Term Program

Through the Fulbright Distinguished Awards in Teaching Short-Term Program, U.S. K-12 teachers and educators can apply for grants to engage in collaborative projects for approximately 2-6 weeks abroad, with a preference for 3 or more weeks. Participants consult with and support schools, non-profit organizations, teacher training institutions, and other educational organizations abroad. This short-term program is offered in addition to the longer program, which is for a period of three to six months. The grant award provides funding for program expenses while abroad, including travel costs, lodging, meals, local transportation, and related expenses. These grants give U.S. educators flexibility to participate in the Fulbright Program while meeting their teaching and professional commitments. Grants for 2017 are available in Botswana, Colombia, India, Mexico, the Palestinian Territories, South Korea, and Vietnam.

- Link to website: <https://www.fulbrightteacherexchange.org/about-short-term>

Trans-Atlantic Outreach Program

TOP is a public / private partnership that promotes education about Germany, fosters intercultural dialogue, and provides the opportunity for North American social studies educators, STEM educators, and decision makers to experience Germany.

- Link to website: https://www.goethe.de/ins/us/en/spr/eng/top/top_teachers/top_study_tour.html

Teachers for Global Classrooms (TGC)

The Teachers for Global Classrooms Program (TGC) is a year-long, fully funded professional development opportunity for US elementary, middle, and high school teachers to become leaders in global education. Global education is integral to building 21st century skills, and teachers are the greatest resource to empower students as global citizens. TGC equips teachers to bring an international perspective to their schools through targeted training, experience abroad, and global collaboration.

- Link to website: <https://www.irex.org/project/teachers-global-classrooms-program-tgc>

Facebook Groups that foster Teacher Exploration

- Teachers On The Move: <https://www.facebook.com/groups/420771954797875/>
- Educators Love To Travel: <https://www.facebook.com/groups/educatorslovetotravel/>

People to People International - Student Travel Group Opportunities

Read more about People to People International's Core Values here:

<https://www.peopletopeople.com/mission-vision-core-values/>

- Link to website: <https://www.peopletopeople.com/student-itineraries-2018/>