



STUDENT SECTION

Round-up of Student Opportunities

It's a new year! You may be trying to figure out what you can do in 2017 to help you reach your education, research, and career goals. Gathered here are upcoming opportunities you might be interested in. Some deadlines may have already passed, but they might be things you'll want to keep in mind for 2018!

We have four categories below for easy browsing: Grants and Awards, Broader Impacts, Short Courses and Workshops, and Job Hunting.

Grants and Awards

Grants and awards can fund your research, provide assistance for travel related to training or fieldwork, and even contribute to your cost-of-living and tuition expenses (e.g., fellowships). Additionally, applying for grants and awards is a great opportunity to plan and articulate your research. Lastly, remember to check with your department or university for internal grants that you can apply for.

BSA Graduate Student Research Awards	
\$500	Botanical Society of America
Research Funds	Support and promote graduate student research in the botanical sciences. Includes the J.S. Karling Award.
Deadline: mid-March	
More info:	www.botany.org/Awards
BSA Undergraduate Student Research Awards	
\$200	Botanical Society of America
Research Funds	Support and promote undergraduate research in the botanical sciences.
Deadline: mid-March	



More info:	www.botany.org/Awards
BSA Student Travel Awards	
Variable, up to \$500	Botanical Society of America
Travel (conference)	Several awards support student travel to the annual BOTANY conference:
Deadline: early-April, variable	- Cheadle Student Travel Awards - BSA Section awards
More info:	www.botany.org/Awards
NSF Graduate Research Fellowship Program	
\$32k/yr + tuition aid	National Science Foundation
Stipend & Tuition	Support outstanding graduate students in NSF-supported disciplines who are pursuing research-based Master's and doctoral degrees at accredited U.S. institutions.
Deadline: October	
More info:	www.nsfgrfp.org
NSF Doctorial Dissertation Improvement Grant	
up to \$13,000	National Science Foundation
Research Funds	Provide partial support of doctoral dissertation research for improvement beyond the already existing project (check that your project falls within the scope of associated Divisions).
Deadline: October	
More info:	Click the "Funding" tab at www.nsf.gov
Torrey Botanical Society Fellowships and Awards	
up to \$2,500	Torrey Botanical Society
Research Funds & Travel	Support research/education of student society members (fund field work, recognize research in conservation of local flora/ecosystems, fund course attendance at a biological field station). There are awards for graduate students and undergraduates.
Deadline: mid-January	
More info:	www.torreybotanical.org
Prairie Biotic Research Small Grants	
up to \$1,000	Prairie Biotic Research, Inc.
Research Funds	Support the study of any species in U.S. prairies and savannas.
Deadline: late-December	
More info:	www.prairiebioticresearch.org
Botany In Action Fellowship	
\$5,000	Phipps Conservatory and Botanical Gardens
Research Funds	Develop new, science-based plant knowledge and chronicles traditional knowledge of plants. BIA promotes interactive scientific education about the importance of plants, biodiversity, and sustainable landscapes.
Deadline: mid-January	
More info:	https://phipps.conservatory.org/green-innovation/for-the-world/botany-in-action/call-for-proposals
The Lewis and Clark Fund for Field Research	
up to \$5,000	American Philosophical Society
Research Funds	Encourage exploratory field studies for the collection of specimens and data and to provide the imaginative stimulus that accompanies direct observation.
Deadline: early February	

More info:	www.amphilsoc.org/grants/lewisandclark
ASPT Graduate Student Research Grants	
up to \$1,000	American Society of Plant Taxonomists
Research Funds	Support students (both master's and doctoral levels) conducting fieldwork, herbarium travel, and/or laboratory research in any area of plant systematics.
Deadline: early March	
More info:	www.aspt.net/awards
Richard Evans Schultes Research Award	
up to \$2,500	The Society for Economic Botany
Research Funds	Help defray the costs of fieldwork on a topic related to economic botany, for students who are members of the Society for Economic Botany.
Deadline: mid-March	
More info:	www.econbot.org
Sigma Xi Grants-in-Aid of Research	
up to \$1,000	Sigma Xi
Research Funds	By encouraging close working relationships between students and mentors, this program promotes scientific excellence and achievement through hands-on learning.
Deadline: mid-March and October	
More info:	www.sigmaxi.org/programs/grants-in-aid
Young Explorers Grant	
up to \$5,000	National Geographic Foundation
Research Funds	Support research, conservation, and exploration-related projects consistent with National Geographic's existing grant programs. In addition, this program provides increased funding opportunities for fieldwork in 18 Northeast and Southeast Asian countries.
Deadline: mid-March and October	
More info:	http://www.nationalgeographic.com/explorers/grants-programs/yeg-application/
Systematics Research Fund	
up to \$5,000	The Systematics Association & The Linnean Society
Research Funds	Besides research focused on systematics, projects of a more general or educational nature will also be considered, provided that they include a strong systematics component.
Deadline: Mid-February	
More info:	www.systass.org/awards
The Exploration Fund Grant	
up to \$5,000	The Exploration Fund Grant
Research Funds	Provides grants in support of exploration and field research for those who are just beginning their research careers.
Deadline: mid October	
More info:	www.explorers.org/expeditions/funding/expedition_grants
CIC Smithsonian Institution Fellowship	
\$32,700 for 1 year	CIC & the Smithsonian Institution
Stipend	One-year fellowships to support research in residence at Smithsonian Institution facilities. All fields of study that are actively pursued by the museums and research organizations of the Smithsonian Institution are eligible.
Deadline: early-December	
More info:	www.cic.net/students/smithsonian-fellowship

Ford Foundation Fellowship Programs	
\$24k-45k, for 1-3 years	Ford Foundation
Stipend	Three fellowship types are offered: Predoctoral, Dissertation, and Postdoctoral. The Ford Foundation seeks to increase the diversity of the nation's college and university faculties.
Deadline: late-November	
More info:	http://sites.nationalacademies.org/pga/fordfellowships/index.htm
The Arnold Arboretum Awards for Student Research	
\$2,000-10,000	The Arnold Arboretum
Research Funds	Multiple awards or fellowships are offered for graduate students and for undergraduates, with topics that focus on Asian tropical forest biology and comparative biology of woody plants (including Chinese-American exchanges). Check website for full information on each award.
Deadline: late-November	
More info:	www.arboretum.harvard.edu/research/fellowships/
Garden Club of America Scholarships	
\$2,500-8,000	Garden Club of America
Research or Training Funds	Many awards are offered to support botanical research, with foci ranging from public garden history/use, field botany, medicinal botany, and horticulture. Check website for full information on each award.
Deadline: January - February	
More info:	www.gcamerica.org/scholarships
PLANTS Grant	
Varies	National Science Foundation and Botanical Society of America
Travel (conference)	The PLANTS program will pay the expenses of up to 12 undergraduates to participate in the BOTANY meetings as well as provide mentoring from both peer and senior mentors in the plant sciences.
Deadline: March 1	
More info:	http://botany.org/Awards/F_PLANTS.php
SMART Program	
\$25-38k/yr + tuition	American Society for Engineering Education
Stipend & Tuition	The SMART Program aims to increase the number of scientists and engineers in the U.S. Department of Defense. The program is particularly interested in supporting individuals that demonstrate an aptitude and interest in conducting theoretical and applied research.
Deadline: December	
More info:	https://smart.asee.org/faq/
The Mohamed Bin Zayed Species Conservation Fund	
up to \$25,000	The Mohamed Bin Zayed Species Conservation Fund
Research Funds	The Mohamed Bin Zayed Species Conservation Fund is a new and significant philanthropic endowment established to directly support the cause of species conservation. It is open to applications for funding support from conservationists based in all parts of the world dealing with plant and animal species.
Deadlines: February 28, 2017 & June 30, 2017	
More info:	http://www.speciesconservation.org/

Fulbright U.S. Student Program	
Varies	U.S. Department of State, Bureau of Educational and Cultural Affairs
Travel (abroad)	Offers a variety of grants for one year of study or research abroad to over 100 countries. Applicants must have proficiency in the written and spoken language of the host country.
Deadline: September	
More info:	http://www.iie.org/fulbright#.WITr-rYrKrZ
STAR Graduate Fellowships	
\$44k/yr + tuition	U.S. Environmental Protection Agency
Stipend & Tuition	EPA's STAR Graduate Fellowship program supports Master's students and doctoral candidates in environmental studies.
Deadline: between April and May	
More info:	https://www.epa.gov/research-grants#CurrentStar

Broader Impact Opportunities

These opportunities are not just for NSF grants! Sharing your passion for plants and science with a wide range of audiences will help develop speaking skills as well as help you reconnect with why you decided to go to grad school.

PlantingScience	
What it is:	A learning community where scientists provide online mentorship to student teams as they design and think through their own inquiry projects.
What you can do:	Interact with grade school-to-college students online, as they work on plant-focused learning modules in the classroom.
More info:	www.plantingscience.org/
Science Olympiad	
What it is:	Competitions are like academic track meets, consisting of a series of 23 team events in each division (middle school or high school). Each year, a portion of the events are rotated to reflect the ever-changing nature of genetics, earth science, chemistry, anatomy, physics, geology, mechanical engineering, and technology.
What you can do:	Mentor local students in person on a variety of science and engineering-oriented topics and skills; help organize and run competitions
More info:	www.soinc.org/
Local Arboretums, Parks, Museums, and Herbaria	
What it is:	These institutions often depend on volunteers to donate their time and expertise to help people of all ages enjoy their collections and grounds. They may already have programs in place that allow you to lead tours or interact with visitors at special events, so that you can share your interests and passion.
What you can do:	Lead tours; help organize and run events
More info:	Look up local parks/arboretums/museums/herbaria online, or inquire at visitors' centers.