

**2018 Funding and Grants Information**  
**Ward's Science ([www.wardsci.com](http://www.wardsci.com))**  
**Sargent Welch ([www.sargentwelch.com](http://www.sargentwelch.com))**  
**VWR ([www.vwr.com](http://www.vwr.com))**

As part of our customer service, VWR Education (Ward's and Sargent Welch) is pleased to offer the following no obligation, complimentary **funding and grant services for STEM education**:

- ❖ **Identification of potential grants and funding sources**  
We help you find foundations, funding guidelines, and requests for proposals (RFPs) to match your students' educational needs for **STEM and STEM-related disciplines**
- ❖ **Assistance writing and reviewing proposals**  
We help you write your grant and we will provide an objective review of your proposal with suggestions for competitive language and content.
- ❖ **Assistance with project development for grants**  
We help you design a project to increase your chances for success. We can work with you to:
  - Identify and build on the strengths in your school and community
  - Identify need and evidence and research bases
  - Develop and implement inquiry-based, student-driven, hands-on learning activities
  - Measure and evaluate outcomes and impacts
  - Connect the project to the real world and to career development for your students
  - Propose ideas for project sustainability including assistance with partnership development
- ❖ **Grant budget preparation to help you get the most from grant funds**  
We help stretch your dollars! We will work closely with you to bundle equipment and supplies to create custom packages so that you get the most for your investment.
- ❖ **We are happy to partner with your district's grants office and/or other grant professionals who you may be working with.**
- ❖ **Our Funding and Grants Service is proprietary and confidential**  
We never share your work without your permission.
- ❖ **Additional, fee-for-service offerings, custom-designed and delivered in formats to meet your needs**  
We offer your choice of live webinars or in-person workshops with extensive follow-through by email, and conference calling. Call or email us for details.

**For more information, please contact:**

**Rusti Berent, Ph.D.**  
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## Ward's Funding and Grants Services (Wardsci.com) Selected Grant Opportunities and Tips 2018

*Here are a few national grant opportunities for science education and STEM projects:*

Lowe's Toolbox for Education (opens in August for September deadline, December for February deadline)  
<http://www.toolboxforeducation.com/>

National Education Association Foundation (Due February 1, June 1, October 15)  
<http://www.neafoundation.org/pages/nea-student-achievement-grants/>  
<http://www.neafoundation.org/pages/learning-leadership-grants/>

Shell Science Lab (Opens April or May, due in December)  
<http://www.nsta.org/shellsciencelab/>

Toshiba America Foundation  
<https://www.toshiba.com/taf/k5.jsp> (Grades K-5 due October 1)  
<https://www.toshiba.com/taf/612.jsp> (Grades 6-12 for amounts up to \$5000, rolling)

Voya Unsung Heroes (Opens June for April deadline)  
<http://corporate.voya.com/corporate-responsibility/community-investment/childrens-education/voya-unsung-heroes>

Monsanto America's Farmers Grow Rural Education (January-April; check website for eligibility)  
<http://www.americasfarmers.com/recognition-programs/grow-rural-education/>

American Honda Foundation (Due February 1, May 1, August 1, November 1)  
<http://corporate.honda.com/america/philanthropy.aspx?id=ahf>

Target Field Trips (accepted Aug. 1-Sept. 30)  
<https://corporate.target.com/corporate-responsibility/grants/field-trip-grants>

VWR Foundation  
<http://www.vwrfoundation.org>

USDA/NIFA National Institute of Good and Agriculture: Farm to School; SPECA; others  
<https://nifa.usda.gov/grants>

### ***Tips:***

The first step is to go to the grant website and register your school. This is important because you usually cannot submit your proposal unless you register first. You may need your school's tax exempt number which you can get from your office. Also, once you register, some funders will send you gentle reminders to submit. Remember, federal law requires foundations to give their money. They want your application!

Funders want to know exactly what you plan to do (activities) and student outcomes (changes). They fund innovative, creative, exciting projects. Think about what your students need in the context of a project: What will your students actually do with microscopes, centrifuges, models, drones, probeware, or makerspaces? How will your students benefit?

Seek out and collaborate with partners in your school and/or in your community because funders see partners as resources that support sustainability, strengthen your work, and increase opportunities for students.

### ***Documents good to have on hand:***

- Your school district federal tax ID and/or your state certificate of tax exempt status. Your school or district office will have copies. Have a hard copy or scan into your computer.
- Updated resume(s) for yourself, your supervisor, and other teachers/collaborators
- A lesson plan related to the equipment, materials, and supplies you are requesting
- The standards (your state and/or NGSS) you will address
- Simple budget that lists items and their cost (as well as items you already have as part of the project)

Check out Ward's eCatalogs for ideas

Ward's reps can send you recommended materials lists (RMLs) for your curriculum, grade level, or project (e.g., elementary, middle, biology, AP bio, environmental science, etc.)

### **Proposal summary similar to an actual one submitted: Before and After**

#### Before:

We want to improve science instruction using hands-on equipment. We want to provide quality professional development that will help teachers and students in the future.. Our school need of professional development to implement skills that we currently do not possess. Our students will benefit.

#### *Review Comments:*

- *Spelling, grammar, and punctuation errors*
- *What kind of science?*
- *What currently exists?*
- *What do they mean by "hands-on equipment?"*
- *How will the professional development happen? Where? When? Which teachers?*
- *What is the student and teacher need? How do you know? How will they benefit?*

#### After:

The purpose of this project is to increase our students' competitiveness for college and careers by building on our success and addressing our challenges. Over the past five years, our school district has made significant improvements and gained new lab equipment for our 9-12 biology, chemistry, physics, and environmental science classes. We have also increased all of our science teachers' practices and experiences through semi-annual professional development offerings at our school. All of our labs now have running water, gas lines, and new electrical outlets. Lab safety has improved since the local hospital has given us a supply of lab aprons, goggles, and gloves; our chemical cabinets now have locks. However, inventories of our equipment, interviews with teachers, and student surveys show that while our resources have improved, our microscopes are 40 years old and many are broken, we have very few glass beakers and test tubes for chemistry, and we have not purchased any new physics and earth science equipment such as data sensors and GPS trackers since we moved into our current space nearly 20 years ago. Students tell us that they are concerned that they are not competitive for college and jobs and teachers say that our current resources do not meet the demand for 21<sup>st</sup> century learning and achievement standards. We are therefore seeking funding for modern laboratory equipment for each of our four science courses and the teacher professional development that will insure that the teachers know how to use and link the equipment to NGSS and state standards. With funding we will meet the collage and career needs of our 600 high school students and the six science teachers in the science department.

**Contact Dr. Rusti Berent ([rusti.berent@yvr.com](mailto:rusti.berent@yvr.com)) for complimentary (free!) assistance with your grant planning and applications and for additional ideas and opportunities in your community.**