

SPECTROSCOPY SOCIETY OF PITTSBURGH

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To: High School Administrator, Science Department Chairperson, or Science Teacher

From: Cally Shouse, Committee Chair

Topic: Now Accepting **High School Equipment Grant Applications** for 2021

Date: September 2020

Background: The Spectroscopy Society of Pittsburgh (SSP) is a non-profit organization dedicated to the promotion of science education. Spectroscopy is the study of the adsorption and emission of light, and splitting of that light into its constituent wavelengths for the purpose of chemical analysis. Historically, this grant has been specified to help foster the study of spectroscopy in high schools. This year, we are accepting grant applications that help foster any science education in high schools. Annually teachers are encouraged to submit proposals for equipment and supplies to accomplish this. In recent years, a high percentage of the proposals have been funded.

Who is eligible to apply for this grant? Teachers of biology, chemistry, physics and general science. Public or private schools must be located in the active SSP membership area, as listed separately on the High School Equipment Grant web page.

Are there any equipment restrictions? Yes. Computers and calculators are generally not funded. However, supplies and various accessories for conducting labs or demonstrations can be requested.

How are the applications evaluated? An evaluation committee considers the following questions:

- How well does the proposal promote the furthering of science education?
- How well does the requested equipment and learning outcomes support each other?
- How reasonable is the cost per student ratio?
- How does equipment need and financial background of this school compare to others?
- What evidence indicates that the school, teachers, and/or students are involved in or promote science enrichment activities?
- What is the school's grant history? (Recent recipients of this grant are given a lower preference.)
- What is the overall quality of the proposal?

The proposals are ranked and funded from the top-down until all funds are exhausted. Applicants will be notified of the outcome by March 2021.

When and how does the equipment arrive? Funded equipment is ordered by the SSP and shipped directly from the vendor, typically in May 2021.

Who owns the funded equipment? The school listed on the HSEG application form has ownership of the funded equipment unless representatives of that school deem otherwise.

Is there a budget restriction? The maximum grant is \$2000 per school. Requests exceeding that amount will not be considered.

Application deadline? December 31, 2020

Questions? Contact SSP Society Coordinator at sspinfo@pittcon.org. Use subject block "SSP HS Equipment Grant Question".

Spectroscopy Society of Pittsburgh (SSP)

High School Equipment Grant Application for 2021

(NO HANDWRITTEN APPLICATIONS PLEASE)

School Name: _____

School Address: _____

City: _____ State: _____ Zip: _____

Teacher Name & Subject Taught: _____

Email: _____ School Phone#: _____

Indicate the equipment or supplies you are requesting. Sometimes grants are partially funded. List requested items in **order of priority**. Indicate items that must be purchased together. Please use current prices. Note: For more than 5 items, list on a separate sheet.

1.

Item#:	Calalog# / Year / Page# OR Website:		
Quantity:	Unit:	Unit Cost \$:	Total Cost \$:
Item Description:			
Company Name:			Phone:
Company Address:			

2.

Item#:	Calalog# / Year / Page# OR Website:		
Quantity:	Unit:	Unit Cost \$:	Total Cost \$:
Item Description:			
Company Name:			Phone:
Company Address:			

3.

Item#:	Calalog# / Year / Page# OR Website:		
Quantity:	Unit:	Unit Cost \$:	Total Cost \$:
Item Description:			
Company Name:			Phone:
Company Address:			

4.

Item#:	Calalog# / Year / Page# OR Website:		
Quantity:	Unit:	Unit Cost \$:	Total Cost \$:
Item Description:			
Company Name:			Phone:
Company Address:			

5.

Item#:	Calalog# / Year / Page# OR Website:		
Quantity:	Unit:	Unit Cost \$:	Total Cost \$:
Item Description:			
Company Name:			Phone:
Company Address:			

★ Overall Proposal Total: \$ _____ ★
(\$2000 max per school)

How many students would make use of the equipment and their grade level(s)?

Requested equipment or supplies should help students understand various aspects of science. Describe experiment(s) that will be performed with this proposed equipment and what is the central concept to be learned?

Provide evidence that the school, teachers, and/or students have participated in SSP - sponsored or other scientific activities. (e.g., Faraday Lectures, Chemistry Week activities, teacher workshops, student competitions, science fairs, research programs)

Please list all equipment **currently** available for teaching any aspect of science.

Describe your school's financial need for scientific equipment and supplies.

★ Email grant proposal as an attachment to sspinfo@pittcon.org. ★

or

Mail your completed proposal by **December 31, 2020** to:

**Spectroscopy Society of Pittsburgh
High School Equipment Grant Committee
300 Penn Center Boulevard, Suite 332
Pittsburgh, PA 15235-5503**

Teacher's Signature _____

Principal's Signature _____

Shipping Address (*if different than above*):

(A maximum of one page maybe attached to further clarify any aspect of your proposal.)