

# SPECTROSCOPY SOCIETY OF PITTSBURGH

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**To:** High School Administrator, Science Department Chairperson, or Science Teacher  
**From:** James Bock, Committee Chairman  
**Topic:** Now Accepting **High School Equipment Grant Applications** for 2016  
**Date:** September 2015

**Background:** The Spectroscopy Society of Pittsburgh (SSP) is a non-profit organization dedicated to the promotion of science education. Spectroscopy generally deals with light and color interference and diffraction phenomena, line spectra, spectrophotometry and chemical analysis. This grant is to help foster the study of spectroscopy in high schools. Annually teachers are encouraged to submit proposals for equipment and supplies to accomplish this. Typically 50% of the proposals are funded.

**Who is eligible to apply for this grant?** Teachers who directly or indirectly employ spectroscopy in their curriculum are eligible. These are usually teachers of biology, chemistry, physics and general science. Public or private schools must be located in the SSP membership area. Check the SSP website for details.

**Are there any equipment restrictions?** Yes. Computers and calculators are generally not funded. However probes and various accessories can make a reasonable grant proposal.

**How is my proposal evaluated?** A committee assigns points to the following questions:

- How well does the proposal encompass some aspect of spectroscopy?
- 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 is the school's grant history? (Recent grant recipients are given a lower preference.)
- What evidence suggests that the school, students, and/or teachers are interested in improving science education?
- What is the overall quality of the proposal?

The proposals are ranked and the awarded from the top-down until all funds are exhausted. The outcome will be emailed to you in March 2016.

**When and how does the equipment arrive?** Funded equipment is shipped directly from the vendor in May 2016

**Is there a budget restriction?** We recommend a maximum of \$2000 per school. For proposals exceeding this amount, adequate justification should be provided.

**Application deadline?** December 18, 2015

**Questions?** Contact James Bock, Committee Chairman at [bock@pittcon.org](mailto:bock@pittcon.org) .Use subject block "SSP Grant Question".



# Spectroscopy Society of Pittsburgh (SSP) High School Equipment Grant Application for 2016

(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.

**1.**

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

**2.**

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

**3.**

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

**4.**

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

**5.**

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

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

What are the number of students involved and their grade level(s)?

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

Provide evidence that the school, teachers, and/or students have participated in science related enrichment activities? (e.g., Faraday Lectures, Chemistry Week activities, teacher workshops, student competitions, science fairs, research programs, special courses)

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

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

★ Email grant proposal as an attachment to [sspinfo@pittcon.org](mailto:sspinfo@pittcon.org).  
or

Mail your completed proposal by **December 18, 2015** 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 from above*):

\_\_\_\_\_  
\_\_\_\_\_

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