



To: High School Administrator, Science Department Chairperson, or Science Teacher
From: Janeth Pifer, Committee Chairman
Topic: Now Accepting **High School Equipment Grant Applications** for 2015
Date: September 2014

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.

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 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 2015.

When and how does the equipment arrive? Funded equipment is shipped directly from the vendor in May 2015

Is there a budget restriction? We recommend a maximum of \$2500 per proposal. For proposals exceeding this amount, adequate justification should be provided.

Application deadline? December 19, 2014

Questions? Contact Janeth Pifer, Committee Chairman at pifer@pittcon.org. Use subject block "SSP Grant Question".



Spectroscopy Society of Pittsburgh (SSP) High School Equipment Grant Application for 2015

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

2.

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

3.

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

4.

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

5.

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

★ Overall Proposal Total: \$ _____

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?

How would you teach these concepts without this grant?

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 tokarski@pittcon.org.

or

Mail your completed proposal by **December 19, 2014** 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.)