

SPECTROSCOPY SOCIETY OF PITTSBURGH



300 Penn Center Boulevard, Suite 332, Pittsburgh, PA 15235-5503
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To: High School Administrator, Science Department Chairperson, or Science Teacher
From: Edward P. Zovinka, Committee Chairman
Topic: Now Accepting **High School Equipment Grant Applications** for 2009
Date: September 2008

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. The geographical boundary map is on the next page.

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 2009.

When and how does the equipment arrive? Funded equipment is shipped directly from the vendor in May 2009.

Application deadline? December 15, 2008

Questions? Contact Edward P. Zovinka, Committee Chairman at ezovinka@francis.edu. Use subject block "SSP Grant Question".

SSP Geographical Boundaries Map

Pennsylvania

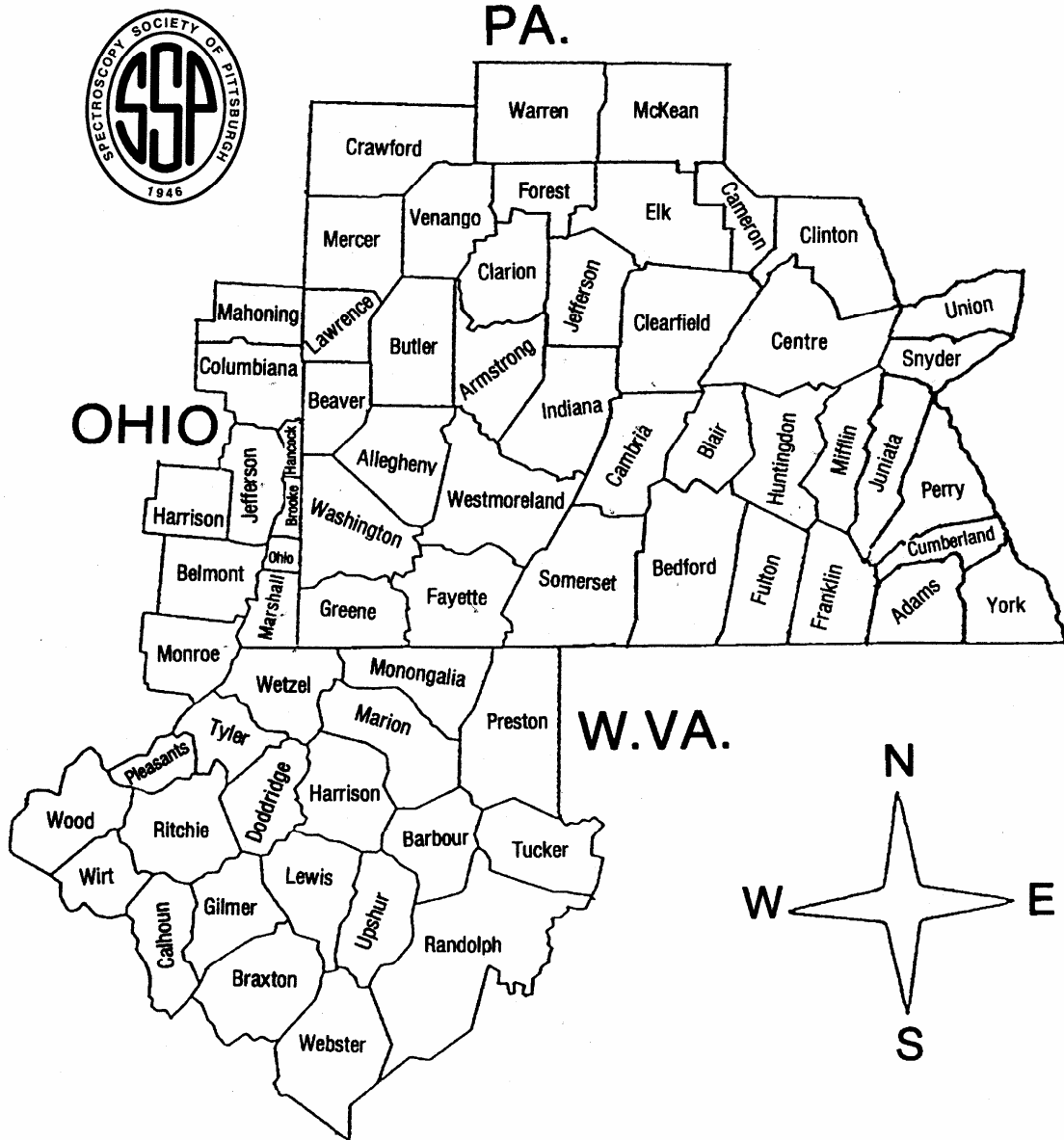
Adams	Cambria	Cumberland	Huntingdon	Mifflin	Washington
Allegheny	Cameron	Elk	Indiana	Perry	Westmoreland
Armstrong	Centre	Fayette	Jefferson	Snyder	York
Beaver	Clarion	Forest	Juniata	Somerset	
Bedford	Clearfield	Franklin	Lawrence	Union	
Blair	Clinton	Fulton	McKean	Venango	
Butler	Crawford	Greene	Mercer	Warren	

Ohio

Belmont	Columbiana	Harrison	Jefferson	Mahoning	Monroe
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West Virginia

Braxton	Gilmer	Marion	Pleasants	Tucker	Wetzel
Brooke	Hancock	Marshall	Preston	Tyler	Wirt
Calhoun	Harrison	Monongalia	Randolph	Upshur	Wood
Doddridge	Lewis	Ohio	Ritchie	Webster	



The application follows



Spectroscopy Society of Pittsburgh (SSP) High School Equipment Grant Application for 2009

(PLEASE TYPE OR PRINT LEGIBLY)

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: \$ _____

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.

★ Mail **20 double sided copies** of this grant proposal by **December 15, 2008** 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.)