

SPECTROSCOPY SOCIETY OF PITTSBURGH

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To: High School Administrator, Science Department Chairperson, or Science Teacher
From: Partha Basu, Committee Chairman
Topic: Now Accepting **High School Equipment Grant Applications** for 2010
Date: September 2009

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 2010.

When and how does the equipment arrive? Funded equipment is shipped directly from the vendor in May 2010.

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 15, 2009

Questions? Contact Partha Basu, Committee Chairman at basu@duq.edu. Use subject block "SSP Grant Question".

SSP Geographical Boundaries Map

(Pennsylvania)

Adams
Allegheny
Armstrong
Beaver
Bedford
Blair
Butler
Cambria
Cameron
Centre

Clarion
Clearfield
Clinton
Crawford
Cumberland
Elk
Erie
Fayette
Forest
Franklin

Fulton
Greene
Huntingdon
Indiana
Jefferson
Juniata
Lawrence
McKean
Mercer
Mifflin

Perry
Snyder
Somerset
Union
Venango
Warren
Washington
Westmoreland
York

(Ohio)

Belmont
Columbiana
Harrison
Jefferson
Mahoning
Monroe

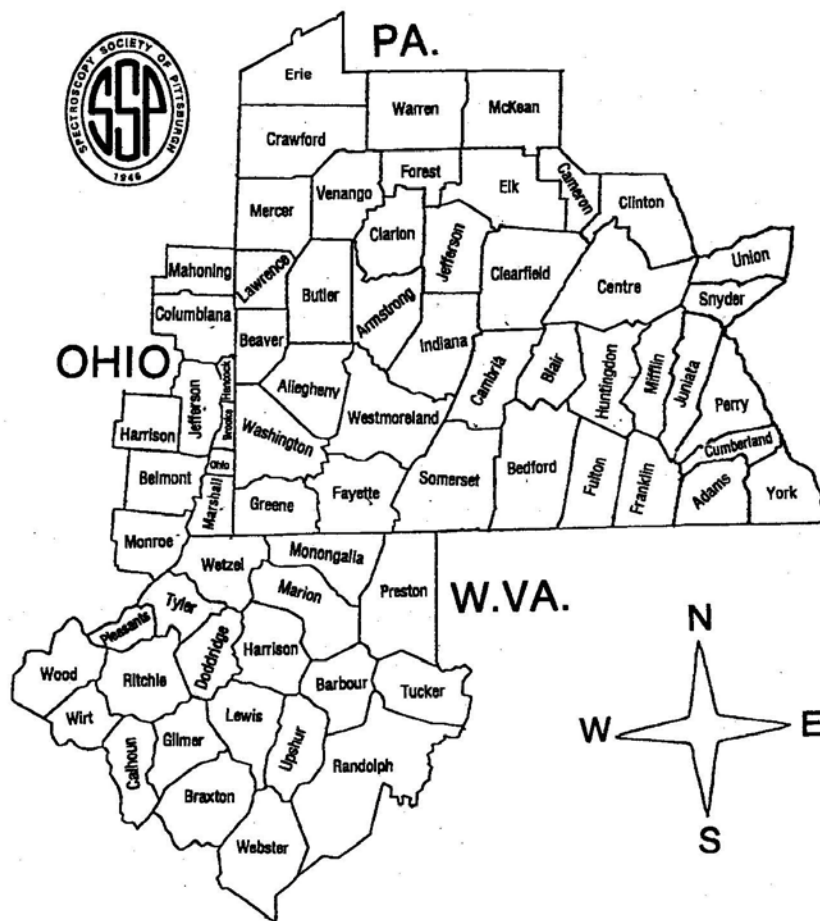
(West Virginia)

Barbour
Braxton
Brooke
Calhoun
Doddridge
Gilmer

Hancock
Harrison
Lewis
Marion
Marshall
Monongalia

Ohio
Pleasants
Preston
Randolph
Ritchie
Tucker

Tyler
Upshur
Webster
Wetzel
Wirt
Wood





Spectroscopy Society of Pittsburgh (SSP) High School Equipment Grant Application for 2010

(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: \$ _____

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 concannon@pittcon.org

or

Mail **5 double sided copies** of this grant proposal by **December 15, 2009** 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.)