

# THE SOCIETY FOR ANALYTICAL CHEMISTS OF PITTSBURGH



IN EDUCATIONAL PARTNERSHIP WITH THE

**NATIONAL ENERGY TECHNOLOGY LABORATORY**

(United States Department of Energy)



PRESENTS

## HERBERT RETCOFSKY COMPUTER SOFTWARE WORKSHOP FOR HIGH SCHOOL CHEMISTRY & PHYSICS TEACHERS

TO BE HELD AT THE

National Energy Technology Laboratory

(South Park - about 12 miles south of Pittsburgh - specific directions will be sent)

Thursday, April 12, 2018

8:30 AM - 3:00 PM

Fee: \$20.00 (includes lunch)

*PA TEACHERS ATTENDING THE WORKSHOP WILL RECEIVE 5 HOURS  
TOWARD THEIR ACT 48 REQUIREMENTS*

Mail to: Hub MacDonald, SACP Software Workshop

150 Sherwood Drive, McMurry, PA 15317 (724-942-2592, [macdonald@pittcon.org](mailto:macdonald@pittcon.org))

Deadline: March 15, 2018. Enclose your \$20 check payable to the SACP.



Please register me for the SACP Computer Software Workshop for High School Chemistry & Physics Teachers to be held at the National Energy Technology Laboratory on Thursday, April 12, 2018 at 8:30 AM.

Name \_\_\_\_\_

School \_\_\_\_\_

School Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ # E-mail \_\_\_\_\_

# HERBERT RETCOFSKY

## SACP COMPUTER SOFTWARE WORKSHOP

### FOR HIGH SCHOOL CHEMISTRY & PHYSICS TEACHERS

The Society for Analytical Chemists of Pittsburgh (SACP) offers a computer software workshop for high school chemistry and physics teachers. The software to be demonstrated includes data manipulation software from Vernier Software & Technology, physics' laboratory simulation software by Prof. Richard Tarara, simulation and classroom programs from Journal of Chemical Education (JCE) Software and Victor Bendall Software. Much of the JCE Software is web enabled. Web access will be available during the workshop. (Computers using Microsoft Window® will be provided for your use during the workshop.) The specific subjects to be covered include, but will not be limited to, graphing of data, curve fitting, harmonic analysis, spectrophotometry, chemical and physical periodicity of the elements, tutorials, and a variety of laboratory simulations. Teachers keep all software discussed including Vernier's *Logger-Pro* for use in their own classrooms. Each teacher will also receive a complimentary, one-year *Journal of Chemical Education* subscription that entitles him/her to download a variety of science education software and access to many past issues of the *Journal* at no additional cost, plus a one-year institutional or individual subscription to the JCE ChemEd Xchange website. The workshop will conclude with a "Great (well - almost great) Book and Software Give Away"! Also, there will be 2 drawings at workshop end. One teacher will receive a Vernier's LabQuest 2 Starter Kit (<https://www.vernier.com/products/interfaces/labq2/>) with a retail value of over \$550 (must be present to win). A second teacher will receive a PASCO PS-2600 Wireless Spectrometer & Fluorimeter ([https://www.pasco.com/prodCatalog/PS/PS-2600\\_wireless-spectrometer/index.cfm](https://www.pasco.com/prodCatalog/PS/PS-2600_wireless-spectrometer/index.cfm)) with a PS-2601 Fiber Optic accessory having a retail value of over \$365 (must be present to win)

The workshop will be presented at the National Energy Technology Laboratory (NETL - a US Department of Energy National Laboratory) in South Park, just a few miles from Pittsburgh, on Thursday, April 12, 2018. The computers and workshop rooms are provided by NETL through an Educational Partnership Agreement between the National Laboratory and the SACP and its sister society the Spectroscopy Society of Pittsburgh (SSP). The workshop is computer based and all software is high quality, user friendly, and well adapted for the science classroom, science laboratory, or homework assignments. Participants are able to use the software during the workshop. Most of the workshop software is available for PCs and newer Macintoshes.

Early registration is encouraged, as the workshop is limited to 20 participants. The final date for registration is March 15, 2018. Late registrations may be accepted depending on space availability.

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For more information on  
SACP and SSP HIGH SCHOOL PROGRAMS

Visit the Society Websites at  
[www.sacp.org](http://www.sacp.org) and [www.ssp-pgh.org](http://www.ssp-pgh.org)