



## Technical Interest Key

1. Analytical – General & Inorganic
2. Analytical – Organic
3. Chromatography – Gas
4. Chromatography – Ion
5. Chromatography – Liquid & Thin Layer
6. Clinical & Pharmaceutical Chemistry
7. Coal Chemistry
8. Electroanalytical Chemistry
9. Electron Microscopy
10. Education
11. Environmental Chemistry
12. Food Chemistry
13. Forensic Chemistry
14. Gas Analysis
15. Industrial Hygiene
16. Laboratory Automation, Data management
17. Non-Ferrous Metals Chemistry
18. pH/Specific-Ion Analysis
19. Process Analysis
20. Polymer Analysis
21. Atomic Absorption
22. Electron, Microprobe, ESCA
23. Emission, Plasma
24. Infrared, Raman
25. Mass Spectrometry
26. NMR
27. UV/Visible
28. X-Ray Fluorescence
29. X-Ray Diffraction
30. Solvent Extraction
31. Steel Chemistry
32. Surface Analysis
33. Technical Literature
34. Textile Chemistry
35. Thermal Analysis
36. Toxicology
37. Water Chemistry

## SSP Committee Key (see descriptions next page)

1. Committee Arrangements
2. College Equipment Grants
3. Computer Software Services
4. Continuing Education
5. December Meeting
6. Edwin Hodge Memorial Scholarship
7. Elementary School Science Education Award
8. Elementary School Science Olympiad
9. Employment Workshop
10. Faraday Lecture
11. Herb Retcofsky Demonstration Series
12. High School Equipment Grants
13. Historical Rules/Bylaws
14. J. Kevin Scanlon Award
15. Keivin Burns Award
16. Mass Spec Discussion Group
17. Membership/Directory
18. Online Chemistry Education Resources
19. PITTCON Planetarium
20. Pittsburgh Conference Memorial College Grants
21. Pittsburgh Regional Science & Engineering Fair
22. Pittsburgh Spectroscopy Award
23. Publicity/TV/Media
24. Ralph N. Adams Award
25. SAS Student Award
26. SSP Educational Networking
27. SSP Starter Grant
28. Technology Forum
29. Technical Program
30. Website Coordination

## SSP Committee Descriptions

**Committee Arrangements:** Makes arrangements for kickoff, wrap-up, and monthly meeting dinners. Members of this committee also register attendees at the monthly and award dinners.

**College Equipment Grants:** Solicits proposals for SSP College Equipment Grants program intended to contribute to the science programs of small colleges and universities. Evaluates and selects winning proposals.

**Computer Software Services:** Distributes Victor Bendall chemistry software to chemistry teachers, provides access to J. Chemical Education web-based software and exhibits at the PA Science Teachers Assoc. convention.

**Continuing Education:** Develops and presents seminars, workshops, and/or lab tours to promote continuing education for the regional technical community and SSP membership.

**December Meeting:** Plans and organizes joint SSP/SACP December meeting and social event for SSP and SACP members and guests held at one of the local cultural establishments.

**Edwin Hodge Memorial Award:** Administers a \$1,500 award presented to a college bound senior student from Brentwood High School, who has excelled in the school's science program.

**Elementary School Science Education Award:** Solicits nominations recognizing outstanding science teachers at the elementary school level. Evaluates nominations and presents awardee with \$1,000 check and certificate.

**Elementary School Science Olympiad Program.** Provides information, manuals, training, and grant money for teachers and administrators to promote Science Olympiad programs in their schools or districts.

**Employment Workshop:** This committee organizes two employment workshops. One is for Chemistry Technicians and the other is for Chemistry Professionals. These are generally held in February.

**Faraday Lecture:** Plans and coordinates, jointly with SACP, all aspects of annual science lecture-demonstration event, attended by about 4000 Western PA high school and middle school students from approximately 70 schools over two days.

**Herb Retcofsky Spectroscopy Demonstration Series:** This program, consisting of various lectures on the basic principles of light, color, and spectroscopy, is presented to teachers and students of all ages, in the regional area.

**High School Equipment Grants:** Solicits proposals to provide science equipment for regional high schools. Evaluates and selects winning proposals. Orders and arranges for delivery of equipment.

**Historical/Rules/Bylaws/Archives:** Maintains records and items of historical interest for the SSP. Reviews and recommends rule and bylaw changes when necessary.

**J. Kevin Scanlon Award:** Recognizes an educator or retired educator who has made outstanding and continued unpaid efforts to enhance science education. The award consists of a plaque and a \$1000 grant.

**Keivin Burns Award:** Solicits nominations for award, recognizing teachers who typify excellence for the teaching of science at the secondary school level. Evaluates nominations and selects awardee.

**Mass Spectrometry Discussion Group:** Develops and presents seminars, short courses, workshops and a manufacturer's night program intended to promote education on state-of-the-art theory and practice in MS.

**Membership and Directory:** Coordinates duties with SSP Administrative Assistant in maintaining a current directory of SSP membership, processing new member applications, collecting and logging member dues.

**Online Chemistry Educational Resources:** Allocates the budget line for Online Chemistry Educational Resources to most effectively support chemistry educators within the SSP area of service, at any level.

**PITTCON Planetarium:** Members transport, setup and operate a portable planetarium at local schools.

**Pittsburgh Conference Memorial National College Grants:** Solicits proposals for PCMNCG program, intended to contribute to the science programs of small college and universities throughout the country.

**Pittsburgh Regional Science and Engineering Fair:** Selects 6 winning student projects for awards in the spectroscopy category at PRSEF at Heinz Field (typically held on one a Friday in late March or early April).

**Pittsburgh Spectroscopy Award:** Solicits nominations for Pittsburgh Spectroscopy Award one year ahead of PITTCON. Selects awardee, arranges award symposium and reception at following year's Pittsburgh Conference.

**Publicity, Television and Media:** Oversees advertising in the Crucible, SPECKS, etc. with the SSP Administrative Assistant. Documents events, pictures and posts them on SSP website. Advertises SSP meetings, events and awards.

**Ralph N. Adams Award in Bioanalytical Chemistry:** This award recognizes significant contributions in bioanalytical chemistry. The award and plaque are presented at the Pittsburgh Conference.

**SAS Student Award:** This award recognizes an undergraduate science student for spectroscopy research. The award consists of \$500 and a one-year subscription to Applied Spectroscopy.

**SSP Educational Networking:** Identify/contact schools and colleges that have not responded to our mailings for nominations & awards.

**SSP Starter Grant:** A grant to newly established research faculty whose interests lie in some area of spectroscopy.

**Technology Forum:** Develops and presents a series of programs of general technical interest SSP membership. The talks are presented at 5:30, before the SSP dinner and monthly meeting.

**Technical Program:** Chooses/arranges technical program speakers at the SSP monthly meetings (Sept, Oct, Nov, Jan, Feb, and April).

**Web Coordination** {243} (S): Continually reviews the SSP Web page, coordinates with appropriate committees to have updated information posted, works with PITTCON webmaster to ensure SSP Web page is current.

# Spectroscopy Society of Pittsburgh (SSP)

The SSP is a professional Society with membership from the technical community served by the Society. SSP is dedicated to the promotion of education in science and welcomes membership applications with technical backgrounds in teaching, industry, research, and government.

## Residency Requirement of Membership

\*To be an active member of the SSP, you must be a resident of one of the following counties in the tri-state area around Pittsburgh.

Pennsylvania		Ohio	West Virginia
Adams	Fulton	Belmont	Barbour
Allegheny	Greene	Columbiana	Braxton
Armstrong	Huntingdon	Harrison	Brooke
Beaver	Indiana	Jefferson	Calhoun
Bedford	Jefferson	Mahoning	Doddridge
Blair	Juniata	Monroe	Gilmer
Butler	Lawrence	Trumbull	Hancock
Cambria	McKean		Harrison
Cameron	Mercer		Lewis
Centre	Mifflin		Marion
Clarion	Perry		Marshall
Clearfield	Snyder		Monongalia
Clinton	Somerset		Ohio
Crawford	Union		Pleasants
Cumberland	Venango		Preston
Elk	Warren		Randolph
Erie	Washington		Ritchie
Fayette	Westmoreland		Taylor
Forest	York		Tucker
Franklin			Tyler
			Upshur
			Webster
			Wetzel
			Wirt
			Wood