

PHILADELPHIA SECTION, ACS 2005 CALENDAR OF EVENTS

February 1	Delaware Valley Mass Spectrometry Topics Discussion Group Liang Li <i>Proteomics Research from an Analytical Mass Spectrometrists' Perspective</i>	GlaxoSmithKline King of Prussia, PA science.widener.edu/svb/msdg/ (no www)
February 8	Chromatography Forum of the Delaware Valley Rekha Shah	eas.org/cfdv/
February 9	Chemical Consultants Network M. Clyde Stoltzfus <i>Introduction to Small Business Resources: How the Small Business Development Centers Can Help Your Business Grow</i>	Cynwyd Club Bala Cynwyd, PA chemconsultants.org
February 10	Philadelphia Society of Plastics Engineers Peter Lipp <i>Current Molding Processes</i>	Holiday Inn Bensalem, PA phillyspec.plastics.com
February 10	Joseph Priestley Society Dennis Campbell Ballard Power Systems	Chemical Heritage Fdn. chemheritage.org
February 17	George Preti Monell Chemical Senses Center	University of the Sciences Philadelphia, PA
March 13-17	ACS Spring National Meeting	San Diego, CA
March 24	Edgar Fahs Smith Lecture Peter Wolynes University of California-San Diego	University of Pennsylvania Philadelphia, PA
April 21	College Scholastic Achievement Awards	TBA
May 19	Teaching Awards	TBA
May 22-25	Middle Atlantic Regional Meeting	Rutgers University Piscataway, NJ
June 16	Fifty-Year Luncheon	TBA
Aug 28-Sept 1	ACS Fall National Meeting	Washington, DC

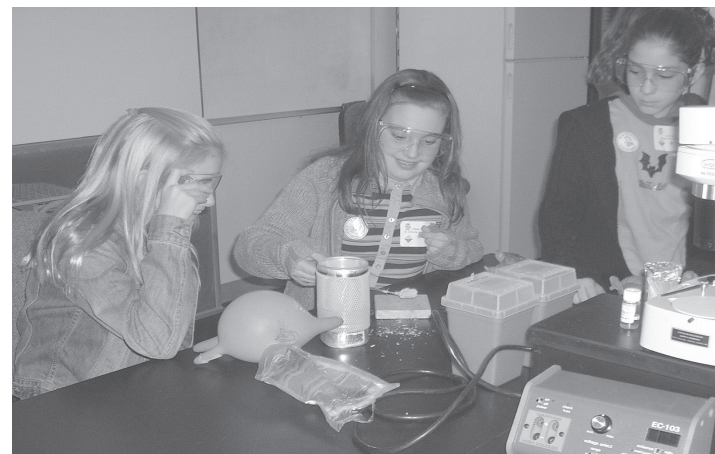
Section's Web Page: <http://membership.acs.org/p/philadelphia>

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Sixth Grade Girls at the "Expand Your Horizons" Program
October 30, 2004 at Chestnut Hill College



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November 14-17, 2005
Garden State Exhibit Center
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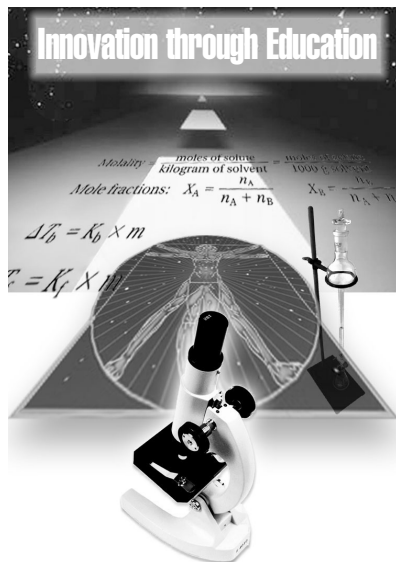
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To submit a **contributed** presentation for the 2005 EAS Technical Program, you should go to our web site, www.eas.org, after March 1, and follow the instructions for preliminary abstract submission. **Invited speakers should not submit preliminary abstracts to EAS, although your session organizer may request one for his/her use.** All preliminary abstracts must be submitted electronically via the EAS web site at www.eas.org. The abstract submission deadline is April 15, 2005. No faxed, e-mailed, or mailed preliminary abstracts will be accepted.

Please carefully review the following information:

- All preliminary contributed abstracts will be submitted electronically in 2005. No faxed, e-mailed, or mailed preliminary abstracts will be accepted.
- The title of the presentation and the list of authors that you submit are final, and may not be changed.
- The preliminary abstract that you submit will be considered to be your final abstract for use in the abstract book for the 2005 Eastern Analytical Symposium.
- All preliminary abstracts will be acknowledged via e-mail.
- Presenting authors of contributed submissions will be notified in June 2005 of the status of their abstract and its session assignment.



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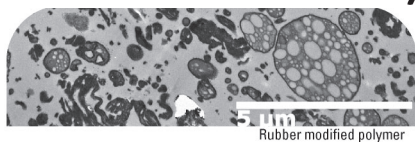
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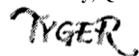
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ADVANCE NOTICE

MARCH MEETING

Edgar Fahs Smith Lecture

Dr. Peter Wolynes

University of California-San Diego

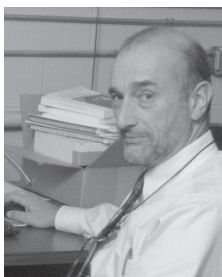
THURSDAY, MARCH 24, 2005 (note this is the fourth Thursday)

University of Pennsylvania
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See the MARCH issue of *the Catalyst* for details,
call the Section Office at (215) 382-1589, email PhilaACS@aol.com

BIOGRAPHY

Dr. George Preti



Dr. George Preti received his PhD in Organic Chemistry in 1971 from the Massachusetts Institute of Technology, with a specialty in Organic Mass Spectrometry. That

same year he joined the Monell Chemical Senses Center in Philadelphia. The Center, a non-profit research institute, is renowned throughout the world as a leader in multidisciplinary, basic research in olfaction and gustation.

Dr. Preti is a Full Member of Monell and an Adjunct Professor in the Department of Dermatology, School of Medicine at the University of Pennsylvania. For more than 3 decades, his research has focused upon the nature, origin and functional significance of human odors. His current studies center upon a bioassay-guided approach to the identification of human pheromones, human and agricultural malodor suppression and examining the "odor-print" of humans.

In addition to having published numerous peer-reviewed papers and reviews, Dr. Preti holds more than a dozen patents related to deodorancy, odor-mediated control of the menstrual cycle and the use of odors in diagnosis. His unique area of research has resulted in hundreds of clinician-directed referrals of patients with idiopathic body- and oral malodor production problems. His efforts in this area have revealed a large, undiagnosed population of people suffering from trimethylaminuria, an odor-producing genetic disorder.

In addition his research has resulted in frequent citations and coverage in print and electronic media throughout the world. His research on human and agricultural odors was featured in the *New York Times Magazine* section on 10/15/00 ("The War on Stink") as well as described in a feature

article about Monell's research done by *Chemical and Engineering News*: 1/7/02 issue. Several television segments have also described his research into body and oral odors, including *Good Morning America*, *Inside Edition* and Discovery Channel Canada: *Human Wildlife: the Life that Lives on Us*. Most recently his study describing primer and modulator pheromones found within axillary secretions was the subject of world-wide press coverage.

NEWS ATOMS

DEATHS

Charles Martin Saffer, Jr., former technical director with Witco Corp., November 21 at 89. He served as a naval officer in two tours of combat duty in World War II in the European Theater of Operations, retiring as Lieutenant Commander. He was technical director of the inorganic specialties division of Witco, retiring in 1982, and held several U.S. and foreign patents and authored a number of technical articles.

Dr. Saffer received a traveling fellowship to Oxford University in 1939 where he was a research fellow in chemistry. Later he served as secretary of the Philadelphia branch of the Oxford Society.

Conrad Kowalski, former chemist and pharmaceutical company executive, December 11 at 57. He joined SmithKline in 1982 and was eventually named vice president of research, development, and production of new drugs. He held numerous patents and was a widely published author and lecturer. He left GlaxoSmithKline in 2001 and worked as a consultant before joining Cephalon as director of international chemical development.

Note: News Atoms seeks to report new hires, significant promotions, honors and awards, and those who have recently passed away from the field of chemistry in the greater Philadelphia area. If you have a news item for this column, send it by email to philcatalyst@aol.com or by mail to the Philadelphia Section ACS office.

Writing an Eye-Catching Resume Just Got a Little Easier

The ACS Department of Career Services staff has developed a new, online workshop on resume preparation. This workshop, the first in DCS' catalogue of workshops to be placed online, explains the basic principles of writing resumes. It also includes a sample resume that a user can view to see how the various sections fit together. Access this workshop from the left-hand navigation of our homepage at www.chemistry.org/careers.

Leading Together

The new quarterly newsletter for Local Sections

Are you interested in tips and tools to help make your local section more meaningful to the membership? Do you like to find out about great activities that other local sections

are involved in? Are you considering adopting a form of technology to serve your Section? Would you like to know more about the programs and services that ACS can offer to your local section?

All this and more can be found in each issue of the new quarterly newsletter *Leading Together* designed specifically for ACS members that are interested in further engaging their local section.

* **Where is the newsletter?** The newsletter is 100% electronic and can be found at: http://membership.acs.org/1/localsections/leading_together/

* **Who should subscribe?** Any local section member interested in local sections and leadership development.

* **How much does it cost?** It is free and is distributed once every four months.

* **How do you subscribe?** Email olsa@acs.org and include "Subscribe Leading Together" in the subject line of your message.

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ANALYSIS FOR THE CHEMICAL ELEMENTS

MARM 2005

The 37th Middle Atlantic Regional Meeting (MARM 2005), hosted by the North Jersey Section, will be held at Rutgers University, Busch Campus, Piscataway, NJ, May 22-25, 2005. The theme of the meeting is *Chemistry at the Crossroads of Science* and will feature the most popular technical programming combined with the best features of a National ACS meeting tailored to the needs and interests of area scientists. Abstract submissions are sought from undergraduate and graduate students, and from professional industrial and academic chemists in all areas of chemistry.

The meeting will feature invited speakers at major symposia including "Bench to Pilot Plant", "Visions in Chemistry" (sponsored by Aventis), "Environmental & Green Chemistry", "Pharmaceutical Profiling", "Protein Family-Targeted Medicinal Chemistry--The Practice of Medicinal Chemistry in the Age of Chemogenomics", "Advances in Organic Chemistry", "Organometallic Catalysis", "Novel Instrumentation and Applications of Mass Spectrometry in ADME Studies", "Functional Proteomics and Cell Signaling", "Biomarkers: Quantification, PK/PD Correlation and Bioanalytical Issues", "Applications of LC-MS in Drug Discovery/Development", "Solid State and Materials Chemistry", "Nanoscience and Technology and Solid State & Materials Chemistry/Surface Chemistry", "Materials Chemistry/Inorganic & Organic Polymers" and "ADMET at the Crossroads of Drug Discovery". There will also be a special symposium, sponsored by the Organic Chemistry Division, honoring a Cope Scholar Awardee. Several chemical engineering mini-courses will also be offered by ACS & AIChE. The Waksman Antibiotic Drug Discovery Process will receive an ACS National Landmark Award for developing the cure for TB and many other infectious diseases. The Waksman National Chemical Landmark Symposium will mix history with modern antibiotic discoveries. The Regional

Innovation awards will also feature a related symposium.

Sunday, May 22, 2005, designated "Science Education and Career Day," will celebrate the 100th anniversary of the New Jersey Science Teachers Association. High-school students, their parents and their teachers from throughout the region are encouraged to attend. Events will include chemistry and physics demonstrations, showings of the IMAX film "Volcanoes of the Deep" with commentary by the science advisor for the film, student and industrial panels to discuss college and career opportunities in several areas, symposia in several disciplines centered about the theme "100 Years Then and Now," workshops for teachers, poster presentations and lunch with a scientist. The program will provide unique opportunities for students, teachers, and scientists from diverse disciplines to mix with each other in an informal, informative atmosphere.

In addition to technical symposia there will be a number of special events including an awards banquet on Wednesday evening where 50-year members will be honored along with the winners of a number of ACS regional awards. Special lunches will be held for Senior Chemists and the Women Chemists Committees. There will also be a "Roving Feast" Monday & Tuesday evenings, May 23rd & 24th, in conjunction with special programming, vendor exhibits and posters. Student Affiliates will have a full program for sharing their research, outreach programs, eminent scientist lecture and life in their chapter.

The online abstract program and advance registration opened November 16th. Abstracts will be accepted until March 15th. Submit online through the MARM 2005 website at www.marmacs.org, and visit the website for periodic program updates. For more information, please contact the Technical Program Co-Chairs, Les McQuire at leslie.mcquire@pharma.novartis.com or Joseph Potenza at jpoteza@rutchem.rutgers.edu.

FEBRUARY MEETING

The Philadelphia Section,
American Chemical Society

presents

Dr. George Preti
Monell Chemical Senses Center

*Human Odors:
Pheromones and Volatiles Indicative of Stress*

Thursday, February 17, 2005

6:00 PM

Wilson Student Center, Rooms 208-209
University of the Sciences in Philadelphia
Woodland Avenue at 42nd Street
Philadelphia, PA

Social Hour: 5:00 PM, Room 212

Dinner: 7:15 PM, Faculty Staff Dining Room

Dinner cost: \$20.00: student with ID and reservations, \$10.00

Social hour only: \$5.00 and \$3.00

RESERVATIONS should be made by calling Mrs. Libby Harper at the section office, (215) 382-1589, or emailing PhilaACS@aol.com by **5:00 PM on Thursday, February 10th**. **Cancellations**, if necessary, cannot be accepted after **NOON on Tuesday, February 15th**. **UNCANCELLED RESERVATIONS WILL BE BILLED.**

FREE PARKING is available in the parking lot off Woodland Avenue. Turn east on 42nd or 43rd Street and go back to the lot. Parking is also available on the street.

The Board of Directors will meet at 4:00 PM in the board room, Wilson Student Center.

Campus map and driving directions are at <http://www.usip.edu>. Public transit is at <http://www.septa.org>.

CHEMICAL CONSULTANTS NETWORK

Visit our web page at
www.chemconsultants.org

Date & Time: Wednesday, February 9, 2005; Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM.

Topic: *Introduction to Small Business Resources: How the Small Business Development Centers (SBDC) Can Help Your Business Grow*

Speaker: M. Clyde Stoltzfus, Director, Procurement Technical Assistance Program, SBDC

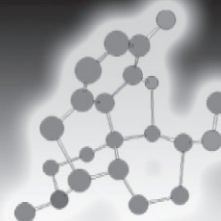
Abstract: The Pennsylvania SBDC provides consulting services and educational programs to entrepreneurs looking to start or grow a small business. SBDC consultants work with entrepreneurs in one-to-one sessions to help test a new business proposition, shape a business plan, or investigate funding opportunities. Addressing topics ranging from compliance issues to marketing tactics, SBDC programs

serve to inform and assist entrepreneurs with the many tasks a new business owner faces. This session will provide an overview of SBDC services.

Biography: M. Clyde Stoltzfus, Director, Procurement Technical Assistance Program, Small Business Development Centers, The Wharton School, University of Pennsylvania. Mr. Stoltzfus holds a Bachelor of Arts degree in Political Science from Lincoln University and a Juris Doctorate degree from the Lewis and Clark Law School.

He currently manages 3 sub-agreements that provide Procurement Technical Assistance programs for 10 Southeastern Pennsylvania counties through Centers located at the Kutztown University, Lehigh University and Temple University. He is a licensed attorney in Pennsylvania and Alaska, a member of the Pennsylvania Bar Association and the Alaska Bar Association, and is a member of the Association of Small Business Development Centers and the Association of Government Marketing
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NOMINATIONS INVITED THE PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY AWARD

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This Award recognizes an individual, "who, by conspicuous scientific achievement through research, has made important contributions to man's knowledge and thereby aided the public appreciation of the profession." Any member of the American Chemical Society, Philadelphia Section, may be nominated for this award. Recent awardees include M. Therien (University of Pennsylvania 2004); G. Molander (University of Pennsylvania, 2003); J. Huff, (Merck Research Laboratories, 2002).

INSTRUCTIONS FOR SUBMITTING NOMINATIONS:

(1) The nominator should provide detailed biographical data of the nominee, showing educational and employment data, a list of publications and a record of other accomplishments pertinent to consideration for this award.

(2) One or two seconding letters (at least one of which should be from a person in an organization other than that of the nominee)

should be requested in support of the nomination.

(3) Nominators and seconders should be identified with addresses and telephone numbers so that they can be contacted, if necessary, for additional information.

(4) Unsuccessful nominees from previous years may be renominated. In fairness to the nominee, however, renominations must be accompanied by an updating of the nominee's biographical data and list of accomplishments in order to make the nomination competitive. Unsuccessful nominees who have been considered three years in a row should not be renominated for the fourth year in succession without prior consultation by the nominator with the chair of the Awards Committee.

Nomination forms are available from the Section Office. Contact the Administrative Secretary, Mrs. Libby Harper at:

Philadelphia Section, ACS
Department of Chemistry
University of Pennsylvania
Philadelphia, PA 19104-6323
(215) 382-1589
email: PhilaACS@aol.com

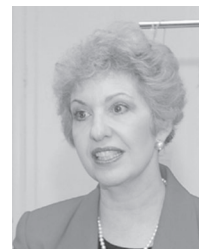
The completed packet of nomination materials should consist of 9 COMPLETE SETS, and should be sent by April 4, 2005 to Ms. Deborah E. Kilmartin, Chair, Awards Committee, at the section office address above.



Philadelphia Section Award 2004: **Deborah Cook**, Philadelphia Section Awards Committee Chair (right) presenting the Philadelphia Section Award plaque to **Dr. Michael J. Therien** of the University of Pennsylvania Chemistry Department (center) with **Dr. Larry Sneddon**, Department Chair (left). (Joel Perlish photo)

From The Chair

Deborah H. Cook



As I write this column, the year, 2004, is winding down. I am reminded that many of the holi-day memories are associated with aromas of the season. We think of the scent of evergreen trees, burning candle wax, wood fires, and of course the wonderful smells of foods. We become nostalgic over these memories of smell that conjure up feelings of the warmth of family and friends, the happiness of childhood, and other aspects of our cultural traditions.

This month our speaker is Dr. George Preti of the Monell Chemical Senses Center. Monell scientists have studied the olfactory system for many years. Dr. Preti will explain theories relating to how we acquire meaning and memory for smell. He will also describe some of the chemistry associated with odors.

I invite you to join us for what should be a most interesting talk. It should help us recall the fondness we associate with holidays and celebrations. This talk should be a real "pick-me-up" for the winter doldrums.

In the coming months we will honor various individuals and groups that have contributed to the Philadelphia Section ACS. March is the Edgar Fahs Smith Memorial Lecture, a Section tradition. In April we will honor the chemistry and chemical engineering students who have achieved at the undergraduate level in our local colleges and universities. In May we recognize the outstanding educators that prepare our students for a future in chemistry-related fields. In June we pay tribute to our fifty-year members who have served the chemical community for so long. Please join in honoring the past, present and future of chemistry.

Finally, as you peruse this month's *Catalyst*, think about how you might contribute to the success of the Section. A volunteer organization needs willing individuals to provide support. There are many ways you can get involved. Plan on attending a meeting, offer to run an event,

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participate in a committee or topical group, or help with the program or social activities. I look forward to seeing you at one of our upcoming events.

**565th Board of Directors Meeting
Thursday, October 21, 2004
University of Pennsylvania
Philadelphia, PA**

This is an edited version of the minutes. A full copy of the minutes can be obtained in the Section Office.

Board Members Present: R. Acchione, B. Baker, C.J. Bruner, C. Carr, M. Cichowicz, D. Cook, A. DeMasi, D. Kilmartin, G. Molander, J. Nikelly, G. Palladino T. Straub, K. Thrush-Shaginaw, V. Tortorelli, D. Voet.

Excused: E. Davis, S. Haynie, E. Williamsen.

Absent: C. Bentzley, J. Maffia.

Also: E. Harper.

Chair Cichowicz called the meeting to order at 4:09 PM.

COMMITTEE REPORTS:

Council Affairs (G. Palladino)

G. Palladino reminded the Board that a summary of the meeting appeared in *C&E News*. Council approved electronic balloting for all elections.

Tellers (T. Straub)

T. Straub distributed the results of the elections. More than 10% of those eligible voted, which is higher than in recent years.

OFFICERS REPORTS:

Chair (M. Cichowicz)

Evaluation forms were distributed at the September meeting regarding the ACS Tour Speaker, R. Bates. One finding: attendees prefer a 'general' talk.

Institute of Food Technologists is interested in co-sponsoring a future meeting.

Re polling affected Section members re joining South Jersey Section: National clarified that a simple majority of respondents is all that is necessary to go forward. The South Jersey Section would design and distribute the survey. The Board motion regarding this request stated that we would give permission "contingent upon clarification from National that a majority of the affected members must vote to change local section affiliation." Since this is not the situation, the Board agreed that permission to poll our members would not be given. The Chair will inform the South Jersey Section of the decision.

Chair-Elect (D. Cook)

D. Cook reported that Michelle Franel of Bryn Mawr, who is in the Division of Computer Chemistry, is interested in doing a joint program in September, possibly involving high school students.

Treasurer (C.J. Bruner)

C.J. Bruner reported the Social Committee is over budget. V. Tortorelli asked the treasurer to investigate the problem and provide a report on the Social Committee finances.

OTHER BUSINESS:

K. Thrush Shaginaw reported that a speaker has been found for the April meeting of the "Expand your Horizons" program, Dr. Mary A. Sells from Fox Chase Cancer Center.

Meeting was adjourned at 5:26 P.M.

Respectfully submitted,

Carol Carr

Secretary

cont. from page 22

Assistance Specialists.

Previously, Mr. Stoltzfus was appointed by three different Governors for the State of Alaska to manage federal relations for the State's transportation department. His twelve year tenure with the department also included contract negotiation and contract management duties, proposal development and procurement management responsibilities, and legislative and regulatory development duties. Prior to joining the State of Alaska, he owned and operated a law firm in Juneau, Alaska that specialized in contract and construction law.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004.

Reservation: To make or cancel a dinner reservation, email CCNReservations@aol.com or call the ACS office at (215) 382-1589 (leave message on voicemail if necessary).

For directions or information about the dinner fee email CCNReservations@aol.com.

THOUGHTS TO PONDER

You cannot do a kindness too soon, for you never know how soon it will be too late.—
Ralph Waldo Emerson

Without having experienced the cold of winter, one cannot appreciate the warmth of spring.—
Chinese proverb

**The Nine Lives of
Edgar Fahs Smith**

The University of Pennsylvania has produced an exhibit commemorating the 150th anniversary of the birth of the famous Penn chemist, Edgar Fahs Smith. The exhibit is in the Kamin Gallery on the first floor of the Van Pelt-Dietrich Library on Locust Walk between 34th and 36th Streets. It will be on display from October 19, 2004 to March 24, 2005.

Edgar Fahs Smith was a professor of Chemistry at the University of Pennsylvania from 1888-1920. He became Vice Provost in 1899 and Provost in 1911 (the equivalent of president today). The Edgar Fahs Smith Memorial Collection in the History of Chemistry, housed in the Annenberg Rare Book and Manuscript Library, is an ACS National Historic Landmark.

In addition, he was a founder of the Philadelphia Section and the only person to serve three terms as president of the American Chemical Society (1895, 1921, 1922). The Edgar Fahs Smith Memorial Lectureship,

sponsored by the University of Pennsylvania and the Philadelphia Section, is the oldest (1929) memorial lectureship listed by the ACS. Stop by the Van Pelt Library and visit the exhibit during its run.

Further information: Michael Ryan at (215) 898-7552/ryan@pobox.upenn.edu.

**Delaware Valley Mass
Spectrometry Discussion Group**

When: Tuesday, February 1, 2005

Where: Glaxo Smith Kline, 709 Swedeland Rd, King of Prussia, PA 19406

Networking & Free Refreshments: 6:30 PM - 7:30 PM

Seminar: 7:30 PM - 8:30 PM

Speaker: Liang Li, University of Alberta

Title: *Proteomics Research from an Analytical Mass Spectrometrists Perspective*

For more information, please contact Patricia Peacock, (302) 695-4583 or visit the DVMSDG website at <http://science.widener.edu/svb/msdg/>.



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