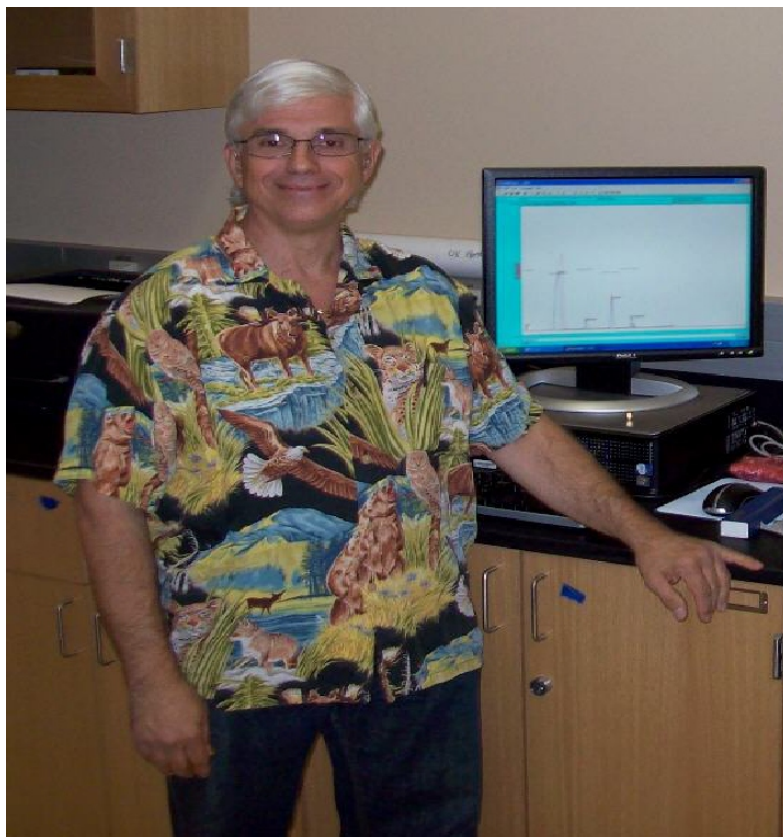


the Catalyst



Official publication of the Philadelphia Section, ACS
<http://philadelphia.sites.acs.org/>

April 2010
Volume 95, No. 4



April Speaker
Dr. Gerald DeMenna

HIGHLIGHTS

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ADVANCE NOTICE

MAY MEETING

Thursday, May 20, 2010

**Teaching Award and Presentation of Public Support of
Science Award to PA Representative James Roebuck**

Drexel University, Speaker TBA

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

the Catalyst

ACS Philadelphia Section
Founded April 15, 1899

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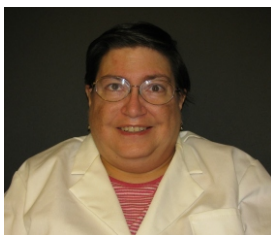
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From
The
Chair



Judith Summers-Gates

April is always a busy month in our calendar and this year is no exception.... I would like to highlight a few important activities starting with....

April 7th – the date for Delaware Valley Science Fair and coincidentally, our Section meeting, where we will be recognizing our outstanding local undergraduate scholars. Come out and show them your support and stay to hear an interesting presentation on “Culinary Spectroscopy”... you will never look at your food the same way again!

April 10th–13th— the MARM meeting will be hosted by the Delaware Local Section in Wilmington. This year’s meeting includes an employment workshop that will be of particular interest to our unemployed members. There is no charge for unemployed attendees to MARM. For more details, go to the website: www.marmacs.org.

We have received multiple requests to have a repeat session of the employment workshop we held recently at

Ursinus for our unemployed members and we are working rapidly to meet that need. Stay tuned for the details on when/where which will be announced very shortly.

April 17th – an amazing day of Philadelphia Girls Experiencing Science (PAGES) at Chestnut Hill College. Come be a role model to a 6th grade girl!

April 22nd – Earth Day! And we will be participating in Chemists Celebrate Earth Day activities again this year.... Look for more information on the Illustrated Poem Contest open to all students K–12 in this issue of *the Catalyst*. DEADLINE FOR SUBMISSION OF LOCAL ENTRIES IS MARCH 31ST.

I would also like to recognize the renewed activities of our Younger Chemists Committee that are being led by Dr. Doug Hausner – check them out today at

www.philaycc.org!

And I would also like to encourage all members of the Philadelphia Local Section to sign up for the ACS network. Signing up is quick and easy and it puts a host of useful tools and resources at your disposal 24/7. We have established a group for our Local Section on the network

and we will be using that venue to conduct some of our business between meetings and to facilitate spontaneous and spirited communication among our members. On the network, you will also find a wide variety of special interest groups and forums that will help meet a number of your needs. There is a group devoted specifically to new Councilors and those wanting to learn more about ACS Governance. But do not worry—you control the amount of interaction you have with the network... you will not be bombarded by messages/content you do not elect to receive.

Let me know your thoughts on some of the suggested ideas for new *Catalyst* content and you are more than welcome to offer any of your own suggestions! This is YOUR newsletter and we want it to address your concerns and meet your needs.

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SPEAKER'S ABSTRACT AND BIOGRAPHY

Dr. Gerald DeMenna

Chem-Chek Laboratories

***Culinary Spectroscopy:
Better Cooking through
Chemistry***

Abstract: Cooking is nothing more than organic reaction chemistry using reagents that are edible (*usually*), and can involve pH adjustment (acidity / alkalinity), neutralization (elimination), esterification (structure change), dehydration (loss of water), pyrolysis (charring/caramelization), condensation (new molecules), distillation (loss of volatiles), ad infinitum! All of these will cause “new” compounds to be synthesized! The compositions of “foods” in general are based on the final products of these synthetic reactions, and the “quality” is a function of the yield of the desired end-product. Proteins, carbohydrates and fats are the raw materials; but there are *MILLIONS* of by-products that determine the *MANY* flavors and aromas! Classic Chefs like Julia Child, James Beard and even Emeril Lagasse use their “SENSES” (smell, taste, sight) to gauge the quality of their cooking. For others, there are more scientific ways to accurately measure the effects of Cooking. This lecture

describes the multitude of analytical techniques, such as GC, IR, HPLC, UV-Vis, Fluorescence, etc., to help develop and control the quality of a meal... from Texas BBQ to Manhattan Clam Chowder to Sweet Tea! The author denies any claims of induced indigestion.

Biography: Born Gerald John DeMenna on a Friday the 13th in the mid-1950s, in a half-Italian, half-Jewish community in Brooklyn and later moving to New Jersey, “Jerry” showed his affinity for the sciences at age 5 when he and his Dad grew rock candy crystals for a science fair. Then at age 9 he burned his hands with a home-made Thermite experiment... quite a transition! His culinary skills started with his paternal grandmother, at age 8 when she shared the secret of Neapolitan Italian “Gravy” (aka: sauce). His multi-ethnic friendships gave him a worldly insight of other cuisine and cooking methods. Jerry enjoys his duties as a universal Scientist today, working as a Freelance Chemist and Gypsy Professor at various Schools around the Country. He studied Pharmacy and Chemistry at Rutgers University in the '70s

and took a job in a County Mental Hospital for the Criminally Insane (as an employee, not a patient), spent weekends as a junior chef in NYC to pay for school, worked on a MS in the mid '80s, and his PhD in Analytical Chemistry in the mid '90s. He is currently on his fourth passport which sums up “Doctor DeMento’s” high-tech academic and professional travelogue. He currently operates his private Analytical Research and Food Development Laboratory, Chem-Chek in the Bronx, NY.

NEWS ATOMS

DEATHS

William C. Copenhafer, retired senior fellow formerly with FMC Corp., July 30, 2009 at 58. He worked for FMC at Green River, WY and in Princeton, NJ. Copenhafer held 15 patents in the field of crystallization technology and inorganic chemistry. He retired from FMC in 2009 after 31 years of service.

Edgar Howard, Jr., retired chemistry professor of Temple University, December 23rd at 87. He joined the Temple faculty in 1947 where his principal research field was organophosphorus chemistry.

(continued on page 62)

APRIL MEETING

THE PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY

presents

**Dr. Gerald DeMenna
Chem-Chek Laboratories
New York, NY**

Culinary Spectroscopy: Better Cooking Through Chemistry

and

Presentation of Scholastic Achievement Awards

Wednesday, April 7, 2010

7:00 PM

**McCall Meeting and Conference Center
201 North Lynn Boulevard
Highland Park, PA 19083**

The lecture is free

Dinner at 6:00

Dinner cost \$30; Students with reservations and ID: \$15

RESERVATIONS should be made by calling Mrs. Harper at the Section Office, (215) 382-1589, or emailing PhilaACS@aol.com by 5:00 PM Wednesday, March 31. Cancellations, if necessary, cannot be accepted after NOON on Monday, April 5. **UNCANCELLED RESERVATIONS WILL BE BILLED.**

DIRECTIONS: www.mccallgolf.com/page.asp?page=Directions

The Board of Directors will meet at 4:00 PM at the McCall Meeting and Conference Center.

(continued from page 60)

He chaired the Chemistry Department from 1963-1968 and retired in 1986 after 39 years. He served on the board of directors of the Philadelphia Section 1953-1956 and 1968-1971. Howard was a 65-year member of ACS.

Edward J. Murphy, Sr., retired chemist, January 24, 2010 at 89. He worked for John H. Breck Co. and Wyeth.

Frank B. Frisbie Stewart, Sr., retired pharmaceutical sales representative, February 4th at 85. In retirement he was a volunteer at the Coatesville PA Veterans Administration Hospital and president of its patient rights organization.

Joseph John Gebhardt, retired chemist formerly with

GE, February 7th at 86. Following employment at National Lead and American Potash companies he joined the General Electric Space Science Laboratory in 1961. He worked on vapor deposited materials, high temperature composites, and carbon and graphite chemistry. He was a fellow of the American Ceramic Society and a member of Sigma Xi. In retirement he served as a volunteer at the Franklin Institute Science Museum and for the Associated Services for the Blind.

George F. Foy, retired industrial chemist, February 22nd at 93. He worked for FMC Corp., the Davison Chemical division of W.R. Grace, and as assistant editor of McGraw

Hill's *Chemical Week* magazine. Foy was also manager of commercial development for Shulton Chemicals and then Chemetron Chemicals. He was founder and president of Chemical Business Development Co. He was active in the Chemical Marketing Research Association and the American Institute of Chemists.

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

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with the National Office is current
Email them at service@acs.org

You will need your membership number to submit changes
or

Log onto the ACS web site, www.acs.org, and click on
“Edit my Profile”
under the welcome line

BOOK REVIEW

Science and Technology of Polymer Nanofibers by Anthony L. Andradý. 422 pages, 6¼ by 9½ inches, casebound, John Wiley & Sons, 2008. ISBN 978-0-471-79059-4, \$100 from John Wiley & Sons, Inc., 111 River St., Hoboken, NJ 07030.

This book lays a foundation for experimenters to select and develop their own research and development projects in the field of nanofibers. Electrospinning technology has been rediscovered and refined and expanded for non-textile applications.

The stage is set with an historical review of electrostatic spinning and an introduction to polymer solutions. Further chapters cover the basics of electrospinning, factors affecting nanofiber quality, characterization of nanofibers and mats, composite nanofibers, and biomedical applications of nanofibers. Nanofiber applications include filters, fabrics, sensors, catalysts, scaffolding, drug delivery, and wound dressings.

Two appendices appear at the end of the book. One lists electrospun polymers used in tissue engineering and biomedical applications, and the other more extensive listing summarizes electrospun polymer nanofibers in a table that shows the polymer name, molecular weight, solvent, application areas, and literature references. — *Alan Warren*



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Guidelines for Student Affiliate Chapters to Request Funds to attend National ACS Meetings

Undergraduate students from ACS Student Affiliate Chapters in the Philadelphia Section are encouraged to consider attending National meetings of the American Chemical Society. In this regard, a limited amount of funding will be provided to chapters requesting sponsorship based on the following general guidelines.

General Guidelines

- 1) First consideration will be given to student(s) who wish to attend a National Meeting of the American Chemical Society (ACS) to give a presentation (oral or poster). Students attending for other purposes, i.e., to receive an award or attend a specific workshop, etc., are also eligible to apply for support.
- 2) The student(s) must have requested support from their College or University (including department and/or advisor) to assist in defraying the travel costs. Please attach a copy of the correspondence.
- 3) The student(s) should have a clear idea of the benefits of attending the conference. Please attach a short paragraph from each student indicating which sessions, including workshops, etc., which the student plans to attend and why these sessions will help them obtain their professional goals.

All applications must include an itemized list of the projected costs of the trip, i.e, registration, air-fare, train or car expenses, hotel, etc., and indicate which of these costs (if any) are being provided by other sources.

An application for travel support can be made at any time to the Philadelphia Section, but for full consideration, the application must be received by the section office by January 31st for the Spring meeting and May 31st for the Fall meeting.

The Philadelphia Section will evaluate all applications received by the deadline and vote at the February meeting for the Spring ACS meeting applications and at the June meeting for the Fall ACS meeting applications. The amount of funding available may be influenced by the number of applications for a particular meeting and the costs of attending that meeting, i.e., where it is being held.

The successful applicant must submit a brief report highlighting the conference experience to the Philadelphia Section at the completion of the trip. The original receipts should also be submitted to the Section Office for reimbursement.

617th BOARD OF DIRECTORS MEETING

January 21, 2010

Room 108A, Barton Hall

Temple University

Philadelphia, PA

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

Present: J. Tierney acting as chair, C.J. Bruner, treasurer, W. Ewing, S. Miller, T. Straub, K. Shaginaw, D. Cichowicz, K. Lysko, M. Matthews; by telephone D. Thomas, D. Cook, A. DeMasi, M. Cichowicz, K. Yoder.

Excused: R. Gates, J. Summers-Gates, W. Smith, V. Tortorelli, M. Prushan, E. Davis.

Also Present: L. Harper, J. Crawford, A. Heldon, D. Hausner.

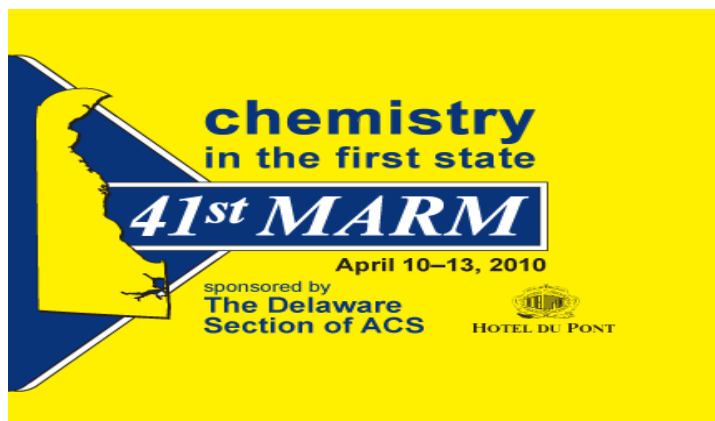
The meeting was called to order at 4:03 PM by J. Tierney, acting as Chair.

The minutes for the December meeting were approved as amended.

COMMITTEE REPORTS:

Government Affairs: Alan Heldon (Chair) reported that PA Representative James Roebuck, chairman of the PA House Education Committee, had been invited to present the Chemistry Teachers Awards at the May Section meeting. Alan Heldon moved that Representative Roebuck receive the section's ***Public Support of Science Award*** 2010 for his support for science

(continued on page 66)



You are cordially invited to participate in MARM 2010
Registration is now open!

The 41st Middle Atlantic Regional Meeting (MARM 2010) of the American Chemical Society will be held from Saturday, April 10 to Tuesday, April 13, 2010. Hosted by the Delaware Local Section, the meeting will take place at the historic Hotel du Pont in Wilmington, DE. Many exciting and informative symposia and events are being planned.

Visit the website at <http://www.marmacs.org>

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Symposia focused on - Analytical, Biological, Physical, Organic, and Inorganic Chemistry; Fluorine Chemistry, Forensic Chemistry, Bench to Pilot Plant, Medicinal Chemistry; Chemical Engineering; Computers in Chemistry; Chemistry & Government Policy; Chemistry and the Pharmaceutical Industry; Patent Law; Science Education; Career Day; Polymer, Colloid, and Emulsion Chemistry; Nano Science & Technology, and Material Science; Sustainability, Green Chemistry, and Policy

MEETING HIGHLIGHTS will include a Sunday dedicated to Science Education & Careers. There will be Workshops, Short Courses, Vendor Exhibitions, WCC, Student member events, YCC events, Silver Circle – ChemVets, and additional symposia from other societies.

General Chair: Martha Hollomon, marthahollomon@comcast.net

Program Chair: Narmada Gunawardena, narmada.gunawardena@astrazeneca.com

Treasurer: Xiaoli Wang, xiaoli.wang2@astrazeneca.com or call 302-885-6138

Exhibits Chair: Allen Denio, MARM2010.exhibits@gmail.com or call 302-455-0389

(continued from page 64)

education, with the award to be presented at the May meeting. The motion passed unanimously.

Nominations: Tom Twardowski was nominated to fill the remaining term of the Chemical Engineering position on the Awards Committee for 2010-2011. The motion passed.

Council Affairs: L. Harper reported that Anne DeMasi has been elected committee chair for 2010.

Publications: M. Matthews presented a report on *the Catalyst* now being circulated by email as an e-publication. The January issue was sent January 6th by MailChimp. Electronic publishing and circulation offer immediate reporting of outdated addresses. Please send an email to margaret.matthews@thomsonreuters.com if you did not receive your January issue.

We need to decide if we are going to sign up for four years with MailChimp or stay with the more expensive short-term commitment. The decision was postponed.

OFFICERS' REPORTS:

Chair-elect: J. Tierney reported he is signed up for the ACS leadership training.

Treasurer: C.J. Bruner reported that most small bills were paid, the Ullyot Award payment was held in abeyance, about \$10K worth of bills from 2009 remain

to be paid and payments from Washington were outstanding. She did not know precisely how much had been spent in 2009 and what funds remained available. The treasurer tendered her resignation and on motion by Tierney, seconded by Straub, the resignation was accepted. D. Cichowicz was appointed interim treasurer. The approval of the treasurer's report was postponed.

OTHER BUSINESS:

Kathy Shaginaw reported that she is looking for 15 to 20 volunteers to advise high school students on careers in chemistry. This Chemical Heritage Foundation project will involve 140 students at the Chemical Heritage Foundation on Wednesday, March 17th. Katie Hunt will be the keynote speaker. There will be a flyer with all the information.

D. Hausner has been appointed to the national Younger Chemists Committee for a one-year term.

There being no other business, the meeting was adjourned at 4:46 PM.

Respectfully submitted,

Alan R. Heldon

Acting as Secretary

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For more info on these and other benefits, visit www.acs.org/memberhandbook.



Chemists Celebrate Earth Day Illustrated Poem Contest!!

The Philadelphia Local Section of the American Chemical Society is sponsoring a contest for students Kindergarten – Grade 12.

Students are invited to create an illustrated poem of any style limited to no more than 40 words that celebrates the theme “Plants – The Green Machines!”

Local Section Prizes...Prizes...Prizes....Prizes...

First Place in each of the following grade categories:

- K – 2nd
- 3rd – 5th
- 6th – 8th
- 9 – 12th

Will receive the ACS Tee Shirt of their choice!

Teacher winners will receive – a *Periodic Table of the Elephants* poster!

Local winners will also be entered in the National Contest

See detailed contest rules at:

http://portal.acs.org/portal/PublicWebSite/education/outreach/cced/student_seducators/WPCP_007027

DEADLINE TO ENTER: POSTERS MUST BE MAILED TO NCW LOCAL COORDINATOR & RECEIVED BY 03/31/10

Phila. Local Section Coordinator: Judy Summers-Gates, 215-717-3008 Address: FDA, U.S. Customhouse Rm. 900; 200 Chestnut St. Phila. PA 19106
Email: Judith.Summers-Gates@fda.hhs.gov

Phila. Local Section Office: (215) 382-1589 email: philaACS@aol.com; Section home page: <http://philadelphia.sites.acs.org/>
National: 1-(800) 227-5558, ask for “OCA” email: ncw@acs.org



Creating a Successful Career in Public Policy and the Chemical Industry – Lessons Not Taught in Classrooms. Have you ever wondered how policies that affect directions in science and research are made? Would you like a career that helps shape science policy? From stem cells research to climate change, these scientific issues are as much driven by policy decision as scholarly research. Our speaker will share her observations of policy making in the chemical industry and give you an insightful glimpse into the decision process. Join us to learn about science policy and how you can prepare for a career in

that field.

ACS Webinars: Your Career Matters! Series – Thursday, April 8, 2010, 2:00-3:00 PM ET; free registration and more information online at

<https://www2.gotomeeting.com/register/894562635>



US Immigration for Foreign-born Scientists – What You Should Know about Employer-Sponsored and Self-Petitions for Green Cards. What do foreign-born scientists, technology entrepreneurs, and investors need to know to legally work in the US? How can one gain path to citizenship as a scientist? Foreign-born scientists and scholars have and continue to contribute to the technical wealth and economic growth in the US. According to 2005 ChemCensus, about twenty percent of chemical professionals are foreign-born. Learn from our speaker the various US immigration avenues available for scientific and

technical professionals.

ACS Webinars: Professional Growth and Development Series – Thursday, April 15, 2010, 2:00-3:00 PM ET; free registration and more information online at

<https://www2.gotomeeting.com/register/382353915>



Raising Capital with Angels: What They Don't Tell You at Business School. Do you know what it takes to raise capital in this economic environment? Raising capital is an important life blood for entrepreneurs and small businesses, yet the process is often a black box. Learn from our speaker strategies to raise smart money and avoid the pitfalls of fools money. Join us to explore the ins and outs of raising funds and building a successful marriage with your investors. This is a must attend event for entrepreneurs, scientific professionals, investors and business leaders who are interested in

learning about capital raising and angels financing.

ACS Webinars: Small & Medium Business Series – Thursday, April 22, 2010, 2:00-3:00 PM ET; free registration and more information online at

<https://www2.gotomeeting.com/register/917951850>



Success Factors for a Consulting Practice in Chemistry. Thinking about being a consultant? Independent scientific/technical consultanting is a fast growing career option undertaken by many chemical professionals. But do you know what it takes to build a successful consulting practice? To be a successful consultant, you need to know who needs your expertise, how to sell your expertise, and what legal constraints you may encounter along the way. Join us as our speaker shares his two decades of experience building a successful scientific consulting career.

ACS Webinars: Small & Medium Business Series – Thursday, April 29, 2010, 2:00-3:00 PM ET; free registration and more information online at

<https://www2.gotomeeting.com/register/566989659>



CHEMICAL CONSULTANTS NETWORK

APRIL 14, 2010 MEETING

Visit our web site at www.chemconsultants.org

Date & Time: Wednesday, April 14, at the Cynwyd Club, Bala Cynwyd, PA; Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM.

Topic:

The Science of Negotiations

Abstract: Success in negotiations is a key skill for every professional. This interactive program, developed exclusively with Professor Richard Shell of The Wharton School of Business, uses the latest research to explore each individual's personal biases and styles in negotiation. The program provides key tools to help you plan and execute negotiations in your personal and professional life. Enhance your ability to negotiate with clients, vendors and peers. Program Takeaways: Uncover your preferred bargaining style; Understand key success factors to help make you a better negotiator; "Learn by doing" - conduct an actual negotiation and get constructive feedback.

Biography: **Charlie Dolce** is Director, Advisor Solutions Group for Janus Capital Group in New Jersey and Delaware. Prior to joining Janus in October 2004, he was with Navellier and Associates, where he was a Director for the Eastern Division. During his 26-year career in financial services, Charlie has also held the positions of Senior Vice President at Northstar Funds and Regional Vice President at National Funds. He holds his CIMA certification and graduated cum laude from Duke University, where he earned an AB in Economics.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004. From I-76, drive S on City Line Ave. (US Rte. 1). Turn right on Conshohocken State Rd. (Rte. 23); stay in right lane. After second light watch for white left-turn arrows painted on street (about 0.14 mi). Do not follow Rte. 23 left at turn but instead go straight ahead onto Llandrillo Rd. (passing to right of Valley Press printing). In one block, bear left onto Trevor Lane at stop sign. Clubhouse and parking are on the left. Please park in lot if space is available; otherwise park on Trevor Lane. If lost, call the club at 610-667-4524, ext. 2. [MAP](#)

Reservation: To make or cancel a dinner reservation, e-mail CCNReservations@aol.com or call the ACS office at 215-382-1589 (leave message on voicemail if necessary). Fee, including food and beverages (wine, beer & sodas), is \$25 by the deadline, Thursday, April 8, \$35 afterwards. Late reservations and walk-ins subject to availability. No-shows will be invoiced. Please advise of any special food requirements. There is no charge for talk only; registration is suggested using contact information above.

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Put "Volunteer" in the subject line or leave
a message including contact information.

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DIRECTORY OF SERVICES

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There are two important ways to recruit through our services. One is to place a print ad in the Catalyst. The other is to place a web site ad reaching out to 40,000 ACS members. We recommend using both low cost methods.

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PHILADELPHIA SECTION, ACS

2010 CALENDAR OF EVENTS

Date	Event	Locations
Tuesday, April 6	American Institute of Chemical Engineers: CEO Lecture: Ellen Kullman, DuPont Company	The Union League Philadelphia, PA http://aiche-philadelphia.org
Wednesday, April 7 NB change in day & date	Student Awards: Dr. Gerald DeMenna, Chem-Chek Laboratories: <i>Culinary Spectroscopy: Better Cooking Through Chemistry</i>	McCall Meeting and Conference Center Highland Park, PA http://philadelphia.sites.acs.org/
April 10-13	Middle Atlantic Regional Meeting (MARM)	Hotel du Pont Wilmington, DE http://www.marmacs.org
Monday, April 12	Delaware Valley Mass Spectral Topics Discussion Group: James Laramée, EAI Corporation/US Army: <i>DART MS</i>	Villanova University Villanova, PA http://science.widener.edu/svb/msdg/
Wednesday, April 14	Chromatography Forum of the Delaware Valley: Microfluidics and Microchip Technology short course	Fort Washington Holiday Inn Fort Washington, PA www.cfdv.org
Wednesday, April 14	Chemical Consultants Network: Charlie Dolce, Janus Capital Group: <i>The Science of Negotiations</i>	The Cynwyd Club Bala Cynwyd, PA www.chemconsultants.org
Wednesday, April 14	Penn Science Café: Joshua Plotkin, Professor of Biology and Computer and Information Science, University of Pennsylvania: <i>A Viral Evolution</i>	MarBar, 40 th & Walnut Streets Philadelphia, PA http://www.sas.upenn.edu/home/news/lectures.html
Thursday, April 15	Chromatography Forum of the Delaware Valley Spring Symposium: <i>Chromatographic Advances in Complex Sample Mixtures</i> and Exhibition	Fort Washington Holiday Inn Fort Washington, PA www.cfdv.org
Saturday, April 17	P.A.G.E.S. TM Program for Sixth-grade Girls	Chestnut Hill College Philadelphia, PA
Thursday, April 22	Chemists Celebrate Earth Day	www.acs.org/earthday
Thursday, April 22	Philadelphia Organic Chemists Club: Richard Sarpong, Univ. Cal. Berkeley: <i>Strategies and Tactics for Complex Molecule Synthesis</i>	University of Pennsylvania Philadelphia, PA http://www.pocclub.org/
Thursday, May 20	Teaching Award and Public Support of Science Award to PA Representative James Roebuck	Drexel University Faculty Club Philadelphia, PA
Thursday, June 17	Honoring Our 50-year Members: Joseph Francisco, 2010 ACS President	McCall Meeting and Conference Center Highland Park, PA
August 22-26	2010 Fall National Meeting	Boston, MA