



The Chemical Record

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Columbus Section of the American Chemical Society, Inc.
George Greene, Editor
Priscilla Ratliff, Section Chair
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IN MEMORIAM
WLADYSLAW "VAL" METANOMSKI (1923 – 2008)



Wladyslaw (Val) Metanomski, 85, died in Columbus, Ohio on December 11. Friend of so many of us in Columbus, Val was an active member of Columbus Section for many years. He served on the Program Committee (1977-1978), on the Constitution and Bylaws Committee (1982-1989) and was instrumental in the incorporation of the Section. He also served on the Patterson-Crane Award Committee (1988-1991) and helped to establish an additional fund for the award. He was the Business Manager for the Chemical Record (1965-1967) and served as ACS Councilor (1995-1997). In 1998 he was recognized by the Section with a plaque "for outstanding service". In May 2008 he was presented with the ACS Columbus Section award in recognition of achievements extending over a lifetime of service to chemical information.

Val was born in Vienna, Austria. He earned a B. S. degree in chemical engineering in 1952 from the University of London and an M.S. in chemical engineering in 1960 from the University of Toronto. He received his Ph.D. in polymer chemistry from the University of Toronto in 1964.

Val joined CAS in 1964 and during a career of 44 years in the Editorial Division he developed vocabulary control, worked in abstracting, indexing, and nomenclature and helped define the technical content of CAS publications and services. He was most recently a Senior Scientific Information Analyst and worked until four weeks prior to his passing.

He was active in the Division of Chemical Information (CINF) and served as Division Chair in 1987. For the 50th anniversary of the Division, he published "50 Years of Chemical Information in the American Chemical Society (1943 – 1993)". In 1992 the Division presented him with their "Meritorious Service Award". In 2006 he received the CINF Lifetime Membership Award in recognition of long term membership and outstanding service and active contributions to the Division over the years.

He had been a member of the ACS Nomenclature Committee since 1990 and served on the Editorial Advisory Boards of the ACS Journal of Chemical Information.

Val participated in the ACS Division of Polymer Chemistry and received its "Distinguished Service Award" in 1995.

He also participated in IUPAC as a member of the Commission on Macromolecular Nomenclature (1987 – 1999) and served as Secretary (1996 – 1999) of the Interdivisional Committee on Nomenclature and Symbols. He edited the

“Compendium of Macromolecular Nomenclature (1991) and coauthored a guide to IUPAC recommendations, “Principles of Chemical Nomenclature” (1998).

He received the “Technical Person of the Year Award” from the Columbus Technical Council in 1999.

Helena, his wife of 44 years, passed away January 17, 2009. He is survived by his daughter, Marianne, and two grandchildren.

NOTE FROM THE EDITOR

By George Greene

I would like to add that Val was a valued and loyal supporter of *The Chemical Record*. The December, 2008 issue included Val's final article, a heartfelt tribute to Bob Merritt. Val closed that article with the sentence, “We will all miss him.” Val, we will all miss you, too.

MESSAGE FROM THE CHAIR

By Priscilla Ratliff

First I would like to thank the Immediate Past Chair **Ron Mitchum**, the entire Executive Committee, and Committee Chairs for a very successful year of programs and events in the Columbus Section in 2008. As many of you are aware Ron performed the duties of chair in 2007 (due to illness of the elected chair) as well as his elected year of 2008 and we appreciate his time and efforts in doing “double duty.” Special thanks are also due **Jimmy Cowan** and his committee for hosting CERMACS 2008, the Central Regional Meeting, held here in Columbus June 10-14, 2008. This event comes to Columbus about every nine years and takes a couple of years of behind the scenes planning. We are grateful to all who volunteered to help make this conference a success.

Obviously, the Columbus Section has a history of outstanding programming and events of all kinds for members, children of all ages, and the general public. One of my goals for this year is to continue this tradition. We started the year with a visit to the Science Café sponsored by various organizations affiliated with The Ohio State University. This was the Columbus Section's first experience with this increasingly popular format for reaching the public to dialog about current topics and issues of science. Coming in April will be another first, a visit from the Editor-in-Chief of C & E News, **Rudy Baum**. Mr. Baum will tell us what it takes to publish a weekly news magazine all about chemistry around the world. I am sure that you will never read an issue the same after hearing about the work it takes to publish one. And once again in addition to other program meetings we will celebrate Earth Day and National Chemistry Week, sponsor the local competition for the National Chemistry Olympiad, judge State Science Fair competition and hear from the President-Elect of the American Chemical Society, **Joe Francisco**. There will be many volunteer opportunities in connection with our outreach activities. Watch future issues of *The Chemical Record* for details.

Another goal that we will be pursuing this year is implementation of electronic balloting. The amendment to our bylaws which was passed at our last election now permits this. A committee will be formed to look at ways this can be accomplished. Some other local sections as well as some ACS divisions are already doing electronic balloting. Although the majority of Columbus Section members have access to a personal computer and an email address, members who do not have electronic access will be accommodated. If you are interested in being on this committee or have any questions or concerns, please do not hesitate to contact me.

Finally, as many chairs before me have stated at the beginning of their terms, we are always looking for candidates for the offices of Chair-Elect, Secretary, Treasurer-Elect and Councilor/Alternate Councilor. If you are interested in a lesser commitment, please consider being a committee member or event volunteer. There is plenty for everyone to do and you will get the rewards of new friends, new experiences, leadership opportunities, and giving back to your community and profession. LET ME KNOW YOUR INTERESTS AND IDEAS!

Priscilla Ratliff
2009 Chair

2009 COLUMBUS SECTION EXECUTIVE COMMITTEE AND COMMITTEE CHAIRS
Compiled by Priscilla Ratliff

Executive Committee	Chair	Priscilla Ratliff	614-405-7350	pratliff@earthlink.net	
	Chair-Elect	Steven Rosenthal	614-447-3600 x2070	srosenthal@cas.org	
	Immediate Past Chair	Ronald Mitchum	614-873-0710	ronaldmitchum@core.com rkmitchum@midohio.twcbc.com	
	Secretary	Natalie Chilicki	937-578-5327	natalie.heine@scottss.com	
	Treasurer	Carl F. Merhar	614-447-3600 x3792	cmerhar@cas.org	
	Treasurer-Elect	Ralph Knipp	614-920-9239	knippr@gmail.com	
Councillors		Theresa A. Huston	614-447-3600 x3354	thuston@cas.org	
		Maria Rosenthal	614-447-3600 x3578	mrosenthal@cas.org	
		Jeffrey B. Trent	614-276-4000 x2026	jtrent@csc.edu jtrent@col.boehringer-ingelheim.com	
Alternate Councillors		Patricia Connick	614-251-4572	connickp@ohiodominican.edu	
		Don Songstad	614-447-3600	dsongstad@cas.org	
		Virginia Songstad	614-263-3858	songstadva@aol.com	
Committee Chairs	ACS Communications	Maria Rosenthal		mrosenthal@cas.org	
	Archives	Steven Rosenthal		srosenthal@cas.org	
	Auditor	Art Beach		bridgebeach@hotmail.com	
	Bylaws and Statutory Agent	Steven Rosenthal		srosenthal@cas.org	
	Chemistry Olympiad	Cynthia Hummel		chummel@worthington.k12.oh.us	
	Columbus Section Award	Lewis Hogarth		hogarthl@ohiodominican.edu	
	Communications				
	Coordinator	Maria Rosenthal		mrosenthal@cas.org	
	Editor, <i>The Chemical Record</i>	George Greene		george.greene@abbott.com	
	Electronic	John Todd		jtodd@cas.org	
	Reservations	Steven Watkins		swatkins@cas.org	
	Webmaster	Stephen A. Renner		srenner@cas.org sarenner@columbus.rr.com	
	Web Design/Update	Marlin Linger		marlin.linger@yahoo.com	
	Education		Ted Klupinski		tpklist-chem@yahoo.com
			Karen Irving		irving.8@osu.edu
	Fifty-Year Member Coordinator	Wendy Reichenbach		wreichenb@cas.org	
	Finance	Fred Costaschuk		fredcostas@yahoo.com	
High School Chemistry Teachers Group	Jeff Bracken		bracken.5@osu.edu bracken5@columbus.rr.com		
Hospitality	Gordon Renkes		grenkes@chemistry.ohio-state.edu		
Intersociety Activities	Tom Weeks		tomweeks@aol.com		

Kids and Chemistry	Jeff Trent		jtrent@col.boehringer-ingelheim.com jtrent@csc.edu
Mentoring/Minority Affairs	Open Position		
Membership	George Noethlich		gnoethlich@wowway.com
National Chemistry Week	John Blaha		jblaha@csc.edu
Nominations	Open Position		
Patterson-Crane Award	Edward W. Badger		ebadger@ashland.com
	Theresa A. Huston		thuston@cas.org
	Steven Rosenthal		srosenthal@cas.org
Project SEED	Open Position		
Silver Circle	Tom Weeks		tomweeks@aol.com
State and Local Government Affairs	Manfred Luttinger		luttinger@battelle.org
State Science Day Coordinator	Lisa Delp		Lisa.Delp@development.ohio.gov
Tellers Committee	Norman Rearick		normrearick@earthlink.net
Younger Chemists Committee Chair	Rosemary Loza		rloza@columbus.rr.com

The Executive Committee comprises the Chair, Chair-Elect, Immediate Past Chair, Secretary, Treasurer, Treasurer-Elect, Councilors (3), and Alternate Councilors (3). A quorum, required in order to transact business, constitutes seven of the committee members.



STATE SCIENCE DAY

By Bob Kroshefsky

On Saturday morning, May 9th, State Science Day 2009 will be hosted by The Ohio State University at French Field House in Columbus. Since 1998, as part of its commitment to chemical education, the Columbus Section has sponsored awards in the Grade groups 7-9 and 10-12 for outstanding projects in the chemical sciences. The objective is to acknowledge and reward those students who have not only understood the scientific method, but also have exhibited creative thought.

Clearly, these students are some of the best that Ohio has to offer and already are showing an interest in chemistry. What better way to encourage budding scientists and expose these youngsters to the human face of the chemical enterprise?

WE NEED YOUR HELP!!!

The number of projects is large (~140) and we need judges to evaluate them and decide on the award winners. While being a chemist or ACS member is not required, certainly a general knowledge of chemistry is desirable. But even knowledge limited to one area can be supplemented and effectively utilized through interactions with fellow judges having complementary skills. It can be quite entertaining for judges too and every one with whom I've worked these past five years has said it was great fun and hoped to do it again. But people come and people go, so we're always looking to

welcome new faces. Could you be one of them? Contact me at bobkro@embarqmail.com or 937-707-9276 if you would like to volunteer.

WELCOME NEW MEMBERS!

By George Noethlich

Please join us in welcoming the following new members who have joined the Section recently. The Columbus Section cordially invites new members to our monthly meetings. The Section will pay for new members' meals the first time they attend a meeting.

NEAL BLINE
CARMEN CATANESCU
CHRISTOPHER CHECK
JAMES COLDIRON
KELLEY DISTEL
DAVID FETTERS

LARECIA KNOERZER
ROBERT KRAMER
MIRIAM LEVIN
BRIGID LONG
JOAN PLOWMAN
CHRISTINE ROELL

SHINICHIRO SHOJI
KRISTI SMITH
AMY TULK
XIANGHONG WU

CERMACS

Central Regional Meeting of the American Chemical Society

Cleveland, Ohio

May 20-23, 2009



American
Chemical
Society

2009 CENTRAL REGIONAL MEETING OF THE ACS ANNOUNCES CALL FOR PAPERS

The Cleveland Section of the American Chemical Society invites you to the 2009 Central Regional Meeting of the American Chemical Society, CERMACS 2009, at the historic Renaissance Cleveland Hotel, Cleveland, Ohio, May 20-23, 2009. This event is being co-sponsored by the Electrochemical Society, the Society for Applied Spectroscopy, the American Vacuum Society, the Yeager Center for Electrochemical Sciences, and Case Western Reserve University. Abstracts will be accepted from **January 17, 2009** through **March 16, 2009** (see information below).

The theme for CERMACS 2009 is *Meeting Energy & Environmental Challenges Through Functional Materials*. In addition to the traditional symposia on Analytical, Inorganic, Organic, and Physical Chemistry, the meeting organizers are planning symposia on Energy Storage and Energy Conversion, Functional Materials, General Catalysis, Women in Electrochemistry, Chemical Education, Chemical Biology, Medicinal Chemistry, Art and Science, Forensic Science, Computational Chemistry, Environmental Chemistry, Health Impact of Nanomaterials, Lunar Regolith and Simulants, and 100 Years of Chemistry in Cleveland

CERMACS 2009 is pleased to announce three keynote speakers for the technical program, **Professor Charles M. Lieber** of Harvard University, **Professor Daniel G. Nocera** of the Massachusetts Institute of Technology, and **Dr. Linda Abraham-Silver** of the Great Lakes Science Center. The Cleveland Section will continue four decades of tradition by presenting the Morley Medal for 2009 at the Morley Award Symposium.

The Morley Medal recognizes significant contributions to chemistry through achievements in research, teaching, engineering, research administration and public service, outstanding service to humanity or to industrial progress. Workshops and short courses are planned. The undergraduate program will include an undergraduate research poster

session as well as networking opportunities. Contact information for symposia chairs and details regarding this event can be found at the CERMACS 2009 website, www.cermacs2009.org.

In addition to the technical program, CERMACS 2009 will include an opening mixer and an awards banquet where the following awards will be presented:

- The Stanley C. Israel Regional Award For Advancing Diversity in the Chemical Sciences
- The ACS Division of Chemical Education Central Regional Award for Excellence in High School Teaching
- The E. Ann Nalley Central Regional Award for Volunteer Service to the American Chemical Society
- The Regional Industrial Innovation Award

Special meeting rates have been arranged at the Renaissance Cleveland Hotel, 24 Public Square, Cleveland, Ohio 44106. For reservations, call (216) 696-5600 and ask for the ACS rate. General Chair: CERMACS09: **Prof. Daniel A. Scherson**, daniel.scherson@case.edu, (216) 368 5186. Program Chair: Dr. Kenneth Street, Kenneth.W.Street@nasa.gov, (216) 433-5032. Exposition: **Amir Zaman**, sponsorship@electrochem.org, (609) 737-1902 x103.



237TH ACS NATIONAL MEETING & EXPOSITION

March 22-26, 2009
Salt Lake City, UT

Join us in Salt Lake City for a rich program of scientific papers on a variety of multidisciplinary topics, including thematic programming around nanoscience highlighted by a keynote and a plenary session. As always, the meeting will offer a wide array of networking opportunities, continuing education activities, and specialized student programs, as well as the ACS Career Fair and National Exposition, which has expanded hours on Sunday evening and Wednesday afternoon.

ACS SHORT COURSES IN 2009

ACS Short Courses are one- to five-day, in-person seminars designed to help chemical scientists and technicians keep current in today's competitive marketplace. Please visit www.acs.org/shortcourses to register and for more information.

Short Course Circuits

The ACS Short Course Circuit offers the opportunity to take advantage of a wider range of course offerings in a single location and network with a variety of your colleagues.

February 9 – 13, 2009 | Woodbridge, NJ

Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Laboratory Safety, Chemical Engineering, Management, and Cheminformatics

February 23 – 27, 2009 | San Francisco, CA

Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Biochemistry, Laboratory Safety, Chemical Engineering, Management, Quality Assurance, and Cheminformatics

Short Courses at the ACS National Meetings

Going to an ACS National Meeting? Short Courses are held at each National Meeting and offers the opportunity to take advantage of a wide range of course offerings before and during the meeting.

March 21 – 26, 2009 | Salt Lake City, UT – ACS Spring National Meeting
Courses in Organic Chemistry, Chemical Engineering, Management, Cheminformatics, Spectroscopy, Polymer Chemistry, Intellectual Property, and Toxicology

Laboratory/Lecture Courses



Get in-class and hands-on experience with Laboratory/Lecture Courses from the ACS.

March 30 – April 3; July 13 – 17; October 5 – 9 | Chicago, IL
High Performance Liquid Chromatography: Fundamentals, Troubleshooting, and Method Development



April 20 – 24; July 20 – 24, November 9 – 13; | Chicago, IL
Gas Chromatography: Fundamentals, Troubleshooting, and Method Development

March 15 – 20; August 9 – 14; December 6 – 11 | Virginia Tech, Blacksburg, VA
Polymer Chemistry: Principles and Practice

COLUMBUS SECTION ACS CALENDAR OF EVENTS

2009	January	30	Fri		Deadline for reservations for February, 2009 Section meeting
2009	January	31	Sat		Deadline for nominations for 2009 Patterson-Crane Award.
2009	February	4	Wed	South Campus Landmark Gateway Theater, 1550 North High Street	Monthly Section meeting: <i>OSU Science Café</i> . See details elsewhere in the December issue of <i>The Chemical Record</i> .
2009	March	17	Tue	Ashland, Inc., Dublin	Monthly Section meeting: <i>Chemical Industry Outreach with Dr. Joseph Fox</i> .
2009	March	22-26	Sun-Thu	Salt Lake City, Utah	237 th ACS National Meeting and Exposition
2009	April	20	Mon	Chemical Abstracts Service	Monthly Section meeting with Rudy Baum , Editor-in-Chief of <i>Chemical and Engineering News</i> .
2009	April	22	Wed	Here, There, Everywhere!	 Chemists Celebrate Earth Day. Stay tuned for announcements of Columbus Section activities.
2009	May	9	Sat	French Field House, OSU	 State Science Day. Judges are desperately needed; see article in this issue of <i>The Chemical Record</i> and contact Bob Kroshefsky, bobkro@embarqmail.com or 937-707-9276 for details.
2009	May	TBA	TBA	Dayton	Biennial Patterson-Crane Award Banquet, hosted by the Dayton Section of the American Chemical Society.
2009	May	20-23		Cleveland	CERMACS 2009, 41 st Central Regional Meeting sponsored by the Cleveland Section of ACS.
2009	August	16-20	Sun-Thu	Washington, DC	238 th ACS National Meeting and Exposition


COLUMBUS SECTION ACS CALENDAR OF EVENTS

2009	October	18-24	Sun-Sat	Here, There, Everywhere!		National Chemistry Week: <i>Chemistry--It's Elemental!</i>
2009	October	20	Tue	Chemical Abstracts Service		Monthly Section meeting with Professor Joseph Francisco , President-Elect of ACS.
2010	March	21-25	Sun-Thu	San Francisco, CA		239 th ACS National Meeting and Exposition
2010	August	22-26	Sun-Thu	Boston, MA		240 th ACS National Meeting and Exposition
2010	October	17-23	Sun-Sat	Here, There, Everywhere!		National Chemistry Week: <i>The Chemistry of Materials.</i>

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Voice 614.268.8534

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email: westwood@infinet.com

ABOUT ACS

The American Chemical Society is a self-governed individual membership organization that comprises more than 158,000 members at all degree levels and in all fields of chemistry. The organization provides a broad range of opportunities for peer interaction and career development, regardless of professional or scientific interests. The programs and activities conducted by ACS today are the products of a tradition of excellence in meeting member needs that dates from the Society's founding in 1876.

ABOUT THE CHEMICAL RECORD

The Chemical Record, official newsletter of the Columbus Section of the American Chemical Society, Inc., is published monthly, February-May and September-December (eight issues per year.) Opinions expressed by editors or contributors do not necessarily represent the official position of the Columbus Section or of the editorial staff. We welcome your contributions to your *Chemical Record*. Please submit them via postal or electronic mail to George Greene, PO Box 360941, Columbus, Ohio 43236-0941, george.greene@abbott.com. Electronic mail contributions should be in MS Word file attachments (preferred) or plain-text messages. When preparing electronic documents, please remember that you are no longer using the old Remington typewriter so you do not need to add a carriage return at the end of each line. *Thank you very much!*

CHANGE OF ADDRESS

Changes in postal or e-mail address should be reported to the Membership Chair, **George Noethlich**, 2740 Bella Via Avenue, Columbus OH 43231-2305, e-mail gnoethlich@wowway.com. George will forward the change-of-address information to ACS Headquarters.

ADVERTISING RATES

Advertising rates for *The Chemical Record* are as follows (per single insertion): Full Page, \$250; Half-page, \$150; Quarter Page, \$120; Eighth Page: \$60; Business Card, \$50. Discounts: 5% for four insertions or 10% for eight insertions during a calendar year. There is no charge for "help wanted" ads.

SECTION E-MAIL ROUTING

Please send items for distribution to the Section e-mail list to **Stephen Renner** (srenner@cas.org) and **Maria Rosenthal** (mrosentha@cas.org). Maria and Stephen will perform any necessary formatting then they will forward the message to **John Todd**, Electronic Communications Coordinator, for distribution. If you would like to be added to the e-mail distribution list, please contact John Todd (jtodd@cas.org)