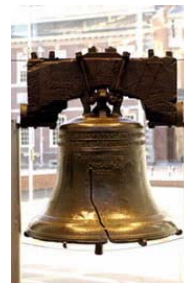




AMERICAN CHEMICAL SOCIETY
DIVISION OF ANALYTICAL CHEMISTRY
NEWSLETTER



SPRING 2008 EDITION

236th ACS National
Meeting & Exposition
August 17-21, 2008
Philadelphia, PA



<http://www.analyticalsciences.org/>

Is your organization missing a great thing?

Your organization's presence as a Patron on the Division website benefits all of us. It provides essential support for our web activities and at the same time promotes your organization to a perfectly targeted audience. Companies, university departments and research centers, and private and government laboratories all are eligible to become Patrons.

You can help by directing the appropriate person in your organization to

<http://www.analyticalsciences.org/>

where she/he can read about the advantages of being a Patron and can sign the group up to become a Patron. Or, you can provide us with the contact information for the person that makes such decisions for your company, and we will follow up with them.

All division members receive *Annual Review of Analytical Chemistry*

This fall, all 10,000 division members will receive a free copy of the hard-bound book, *Annual Review of Analytical Chemistry*, edited by two of our prominent division members, Richard Zare and Edward Yeung.

We would like to thank Prof. Zare for helping us to negotiate this incredible member benefit through the publisher.

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From the Chair – Spring 2008



**Dr. Laurie Locascio,
Division Chair**

As a result of the recent bylaws change, I will remain as your Chair through October 2008, and so I have one more chance to speak to you from this forum. Many of you have been involved in the development and implementation of our new strategic plan that was formulated in October 2006. I like to begin my note, as always, reminding you of our strategic initiatives and informing you of the progress that has been made toward these goals.

The Division's four major strategic initiatives are as follows:

- 1) Develop new bylaws to change the structure of the executive committee;
- 2) Develop a comprehensive program to improve web services;
- 3) Develop a more inclusive approach to programming to meet our members' needs;
- 4) Develop a plan to improve diversity and to reach out to the international community.

This is the first year that we have operated under the new bylaws separating the responsibilities of the Chair and Program Chair. As Program Chair, Isiah Warner has taken on the very big job of organizing two major programs for us this year at Pittcon and the fall ACS National Meeting in Philadelphia with additional limited programming at the spring ACS National Meeting (contributed papers only). Again, we found that the Pittcon organization was very welcoming, and we had excellent attendance at each of the exciting sessions that Isiah Warner put together for us. As a result, the Executive Committee voted in March to continue the partnership with Pittcon for an additional 3 years. Therefore, the major spring program for the Division will be held at Pittcon in 2009, 2010 and 2011. Each Program Chair will also have the option to do limited programming at the spring ACS National Meeting. After 3 years, the new Executive Committee will determine whether or not to continue this relationship with Pittcon. As always, it is important for your current Chairs and future Chairs to hear your comments on this and other matters of importance to the division.

During the last 6 months, a great deal of effort has been spent in the development of more comprehensive web services for our members. In 2007, the Division of Analytical Chemistry established a formal partnership with the Analytical Sciences Digital Library (ASDL). The

partnership provides the division with the opportunity to greatly expand the scope of our web presence. This year, we are expanding our job postings service; adding a new members-only area that will provide free electronic access to the new journal, *Annual Review of Analytical Chemistry* and other member benefits; and expanding our Patrons Program and Partners Program that provide advertising and other benefits to industrial, academic and federal supporters. The journal, *Analytical Chemistry*, with whom we have had a very long and strong partnership, has also recently added News and Features content to our webpage. We are very grateful to them for their continued support of the Division. Please visit <http://www.analyticalsciences.org> often as we are constantly updating our site with items that should interest you!

In 2008, the Division will assume all responsibilities for supporting the new website (previously funded by NSF as described in an article on the ASDL in this newsletter). This is a big new expense for the Division, and we are actively seeking creative mechanisms to fund the continued expansion of the website in order to better serve our members. Funds from the Patrons and Partners Programs will largely be used to support the new website so please consider joining. Suggestions regarding other mechanisms of support that we could employ are very welcome. We have a very active web

committee comprised of dedicated Division members who are responsible for all of these changes over the past year. Members of the Web Committee include the following: Steve Petrovic (Web Committee Chair and former Division Secretary), Chris Enke (past Web Committee Chair and current Division Past Chair), Roland Hirsch (Web Editor), Ted Kuwana (Managing Director, ASDL), and Cindy Larive (Editor in Chief, ASDL). I want to thank them for their energy and their vision as they create an exciting new web space for us! If you are interested in joining the Web Committee or if you have ideas for new web initiatives, please contact Steve Petrovic (contact information on our website).

This fall, all 10,000 division members will receive a free copy of the hard bound book, *Annual Review of Analytical Chemistry*, edited by two of our division members, Richard Zare and Edward Yeung. We want to thank Richard Zare as he was instrumental in helping us to negotiate this incredible member benefit through the publisher.

Beginning in July, we will have an active Division office, provided by Scientific Association Management, Inc. This group, under our direction, will help conduct the day-to-day business of the division and free the officers to work on further implementations of the strategic plan. We think you will see a big difference in our ability to operate professionally as

a society, and we also hope that having this support will help us to continue to recruit busy people for positions in the Executive Committee.

Please continue to provide feedback - both favorable and critical - but know that your Division officers are working very hard to provide better services for the Division as a whole.

We have many new opportunities for you to get involved in the division - please contact one of your division officers for more information. We would love to see **everyone** participate.

We're Going Places - Come Along!



Division of Analytical Chemistry table at Pittcon 2008 has worked to attract new members and promote the partnership with ASDL. Pictured are Division Secretary Anna Cavinato (left), Treasurer Al Ribes, and ASDL Associate Editor Heather Bullen.

PHILADELPHIA ACS MEETING: FALL 2008
AUGUST 17-21, 2008
DIVISION OF ANALYTICAL CHEMISTRY TECHNICAL PROGRAM

ORGANIZED SYMPOSIA

AWARD SYMPOSIA

ACS Award in Analytical Chemistry: Honoring Robert Mark Wightman

Organizer: Andrew G. Ewing, Pennsylvania State University, Department of Chemistry, 104 Chemistry Building, University Park, PA 16802, (814) 865-6553, age@psu.edu

ACS Award in Chromatography: Honoring Frantisek Svec

Organizers: Jean Frechet, University of California at Berkeley, 718 Latimer Hall, Department of Chemistry, 94720-1460, (510) 643-3077, frechet@berkeley.edu; Paul Haddad, School of Chemistry, Australian Centre for Research on Separation Science, Private Bag 75, Hobart 7005 Australia

Field and Franklin Award in Mass Spectrometry: Honoring Catherine C. Fenselau

Organizer: Sue Weintraub, University of Texas Health Science Center at San Antonio, (210) 567-4043, weintraub@uthscsa.edu

Title: Chemical Innovations for Proteomics

National Fresenius Award: Honoring Daniel T. Chiu

Organizer: Daniel Chiu, University of Washington, (206)543-1655, chiu@chem.washington.edu

Title: Chemistry in Small Volumes

ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences: Honoring Susan V. Olesik

Coprogrammed with Division of Chemical Education

Organizer: Kathryn Parker, U.S. Environmental Protection Agency, (202) 343-9044

Title: Programs to Improve K-12 Science Education and Entice Students to Consider Science Careers

ACS Award for Creative Invention: Honoring Adam Heller

Coprogrammed with Division of Physical Chemistry

Organizer: Roger Bonnecaze, The University of Texas at Austin, Department of Chemical Engineering, (512) 471-1497, rtb@che.utexas.edu

NIH New Innovator Awards Symposium

Organizer: Laurie Locascio, Biochemical Science Division, National Institute of Standards and Technology, 100 Bureau Drive, Gaithersburg, MD 20899, locascio@nist.gov

MRI Contrast Agents for Functional Brain Imaging: Alan Jasanoff, Massachusetts Institute of Technology, jasanoff@mit.edu

- **Derek Toomre**, Yale University, derek.toomre@yale.edu
- **Ryan Bailey**, University of Illinois at Urbana-Champaign, baileyrc@uiuc.edu
- **Alan Saghatelian**, Harvard University, saghatelian@chemistry.harvard.edu

Analytical Division Award Symposium

Organizer: Christie G. Enke, Chemistry, University of New Mexico, Clark Hall, Albuquerque, NM 87131, enke@unm.edu

- **ACS Division of Analytical Chemistry J. Calvin Giddings Award for Excellence in Education: Yinfa Ma:** Dept. of Chemistry, Missouri Univ. of Science and Technology
- **ACS Division of Analytical Chemistry Award in Spectrochemical Analysis: Isiah M. Warner:** Dept. of Chemistry, LSU;
- **ACS Division of Analytical Chemistry Award in Electrochemistry: Richard Crooks:** Department of Chemistry and Biochemistry, The Univ. of Texas at Austin
- **ACS Division of Analytical Chemistry Arther F. Findeis Award for Achievements by a Young Analytical Scientist: Sponsored by Philip Morris USA: Laurie Locascio:** NIST
- **ACS Division of Analytical Chemistry Award for Distinguished Service in the Advancement of Analytical Chemistry: Sponsored by Waters Corp.: O. David Sparkman:** University of the Pacific
- **ACS Division of Analytical Chemistry Award in Chemical Instrumentation: Sponsored by the Dow Chemical Co.: Gary Horlick,** Univ. of Alberta

SYMPOSIA:

Environmental, Health, and Safety Aspects of Engineered Nanomaterials

Organizer: Dianne Poster, National Institute of Standards and Technology, Chemical Science and Technology Laboratory, 100 Bureau Drive, MS 8300, Gaithersburg, MD 20899-8300

Health and Environmental Impacts of Combustion Generated Nanoparticles

Coprogrammed with Division of Environmental Chemistry

Organizer: Barry Dellinger, Department of Chemistry, Louisiana State University, 413 Choppin Hall, Baton Rouge, LA 70803

Reconfigurable Microfluidics

Organizer: David Gracias, Department of Chemical and Biomolecular Engineering, Department of Chemistry, and the Institute for Nanobiotechnology, Johns Hopkins University, 3400 N Charles Street, 125 Maryland Hall, Baltimore, MD 21218

Visualizing Chemistry: Advances in Chemical Imaging – *Coprogrammed with Division of Physical Chemistry*

Organizers: Nancy B. Jackson, Sandia National Laboratories, Global Security Programs, Albuquerque, NM 87185-1375; Dorothy Zolanz, National Academies, Director of the National Academies Board on Chemical Sciences and Technology, Washington D.C., 20001, (202) 334-2156, dzolanz@nas.edu

Frontiers in Nanoscale Materials Analyses – *Coprogrammed with COLL and PMSE*

Co-Organizers: Kim R. Williams, Colorado School of Mines, 1500 Illinois Street, Golden, Colorado 80401 and Scott McNeil, Director of the Nanotechnology Characterization Laboratory, NCI-Frederick, 301-846-6939

Near-Infrared: How Near and How Far?

Organizer: Gabor Patonay, Chemistry Department, Georgia State University, Atlanta, GA 30302

Non-SEC Separations of Synthetic Polymers

Organizer: John W. Lyons, Corporate Research & Development, The Dow Chemical Company, 1897 BLDG, Midland, MI 48667

New Approaches to Characterizing Small Molecule Binding in Biological Samples

Organizer: Matt McCarroll, Department of Chemistry and Biochemistry, Southern Illinois University, Carbondale, IL 62901

Analytical Approaches: Bioanalytical Chemistry

Organizer: Igor A. Kaltashov, Department of Chemistry, University of Massachusetts-Amherst, 710 N. Pleasant St., Amherst, MA 01003

Analytical Approaches: Electroanalytical Chemistry

Organizer: David E. Cliffel, Department of Chemistry, Vanderbilt University, VU Station B 351822, Nashville, TN 37235

Analytical Approaches: Mass Spectrometry

Organizer: Patrick Limbach, Department of Chemistry, University of Cincinnati, PO Box 210172, Cincinnati, OH 45221

Analytical Approaches: Microdevices

Organizer: Andrew Ewing, Department of Chemistry, Goteborg University and Pennsylvania State University, Kemivagen 10, Goteborg 41296 Sweden

Analytical Approaches: Sensors

Organizer: Rudolf Seitz, Chemistry Department, University of New Hampshire, 23 College Rd., Durham, NH 03824

Analytical Approaches: Separations

Organizer: Joe Foley, Department of Chemistry, Drexel University, 32nd & Chestnut Streets, Philadelphia, PA 19104

Analytical Approaches: Spectroscopy

Organizer: Sharon Neal, Department of Chemistry and Biochemistry, University of Delaware, Newark, DE 19711

Analytical Approaches: Statistical Methods

Organizer: Steven Brown, Department of Chemistry and Biochemistry, University of Delaware, Brown Laboratories, Newark, DE 19716

General Analytical Poster Session

Organizer: Dorothy Phillips, Waters Corp., 34 Maple St., Milford, MA 01757

The Evolution of Analytical Sciences in the U.S. *cosponsored by Division of the History of Chemistry*

Organizer: Gary Christian, Department of Chemistry, University of Washington, Box 351700 Seattle, WA 98195-1700

Celebrating the Past, Predicting the Future: 25 Years of Supporting Innovation in Analytical Instrumentation

Organizers: Al and Carolyn Ribes, Dow Chemical, ajribes@dow.com

- **ACS Division of Analytical Chemistry Award in Chemical Instrumentation: Sponsored by the Dow Chemical Co.: Gary Horlick, Univ. of Alberta**

CO-SPONSORED SYMPOSIA

Symposium in memory of Janos Fendler at the Philadelphia ACS

Transitioning into Green Chemistry : *Sponsored by Division of Chemical Education, Cosponsored by Division of Environmental Chemistry, Division of Medicinal Chemistry, and Division of Analytical Chemistry*

Organizer: Justin D. Fair, Department of Chemistry, University of Connecticut, 55 North Eagleville Rd, Unit 3060, Storrs, CT 06269

Transitioning into Green Chemistry Poster Session: *Sponsored by Division of Chemical Education, Cosponsored by Division of Environmental Chemistry, Division of Medicinal Chemistry, and Division of Analytical Chemistry*

Organizer: Justin D. Fair, Department of Chemistry, University of Connecticut, 55 North Eagleville Rd, Unit 3060, Storrs, CT 06269

Undergraduate Research Poster Session: Analytical Chemistry: *Sponsored by Division of Chemical Education, Cosponsored by Society Committee on Education and Division of Analytical Chemistry*

Organizer: Nancy Bakowski, Department of Higher Education, American Chemical Society, 1155 Sixteenth St., NW, Washington, DC 20036

Environmental Forensics – *Sponsored by Division of Agrochemicals, Cosponsored by Division of Analytical Chemistry and Division of Environmental Chemistry*

Organizers: Ellen Arther, Metabolism Soil & Water, Bayer CropScience, 17745 South Metcalf Ave., Stilwell, KS 66085; Suresh Mislankar, Metabolism Soil & Water, Bayer CropScience, 17745 South Metcalf Ave., Stilwell, KS

**This year at FACSS 2008, Reno, Nevada;
September 28-October 2**

(see p. 10 for conference details)

**Symposium – “Ion Mobility Spectrometry –
Recent Applications”,**

Organized by Charles Wilkins, University of Arkansas

Session 1 (half day)

Analytical Chemistry Division, ACS

Michael Bowers

Julie Leary

Facundo Fernandez

Steve Valentine

Nicholas Polfer

Session 2 (half day)

SAS Members

Herbert Hill

John McLean

Sarah Trimpin

David Russell

Bonner Denton

**Sponsors include FACSS, Analytical Chemistry Division,
ACS, and Waters Corp.**

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the Division
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service!!**

Employers can post positions on our site (soon to be restricted to Patrons) and you can view the positions available at any time. This is a great place to announce your post-doctoral positions, faculty openings, and industrial employment opportunities. It's free and easy!



www.analyticalsciences.org : we are here for you

by **Ted Kuwana**
Managing Director, ASDL

If you are reading this, congratulations! You are a member of the informed community keeping abreast of what is happening in the analytical science community on a timely basis via this website. This article deals with the vision and goal of the Division of Analytical Chemistry of the American Chemical Society (ANYL/ACS) that arose from the strategic planning session at the 2006 San Francisco meeting and how this website plays a role in its implementation and the future.

You can browse the website to see the scope of the ANYL/ACS activities – ranging from programs of national and regional meetings to awards and fellowship programs to alerts about membership news. What you may not know is that the total membership of ANYL is over 10,000 member-strong, including several from other countries. To this writer, the membership dues are ridiculously low at \$16/yr and for students, \$10/yr. What a bargain! You can even sign-up as an Associate Member without joining the parent ACS. All officers serve on a voluntary basis. They are listed under “Officers” in the pull-down menu of “Division Business.” The yearly ANYL budget is close to \$300,000; its income sources and expenditure allocations are given in Table 1. More will be said about budgetary matters further in this article.

Table 1. Income and Expenditures (% of total)

<u>Income Sources</u>		<u>Expenses</u>	
ANYL Dues and ACS allocation	53%	Awards	51%
Donor-supported awards	43%	National meetings	26%
Subdivision dues	2%	Administrative expenses	9%
Others	2%	Publications & Elections	8%
		Regional meetings, Pacifichem, Social	6%

The bulk of the expenditure goes to support the award program and national meetings. ASDL with a transitional supplemental grant from NSF has supported the development/maintenance of the ANYL website to October 2008.

One reason that this website came about so quickly was due to the partnership formed between ANYL and ASDL. It all began with exploratory discussion at Pittcon 2006 between Chris Enke, then chair of ANYL, and Cindy Larive and Ted Kuwana, Editor-in-chief and Managing Director of ASDL, respectively. A follow-up meeting of stakeholders from the two organizations to discuss how a joint website would operate and be formatted was held during the summer of 2006

at the University of New Mexico, Albuquerque. The proposal to proceed was endorsed by the Executive Committee (EC) of ANYL. The strategic planning session in September 2006 at San Francisco resulted in 4 strategic elements, the first of which was to “Improve communication among members and to the public.”

An ANYL website became a logical step to provide implementation, as partnered with ASDL. ASDL provided a professional webmaster and associated software and subscribed to a commercial web server, Webex. Webex provides a very cost effective, fast Internet connectivity with access to large memory and built-in safety measures. ANYL’s website, www.analyticalsciences.org, went online in time for Pittcon 2007.

For those unfamiliar with ASDL, let’s take a brief look. In the late 90’s NSF sponsored two workshops dealing with future directions in the teaching of analytical chemistry. The resulting report titled *Curricular Developments in the Analytical Sciences* had several recommendations including the endorsement of Problem Based Learning (PBL) as an approach to a more effective teaching and learning method. In ensuing discussions and workshops at both Pittcon and ACS meetings, faculty and practitioners voiced their frustration saying that material to implement PBL in an analytical curriculum was not readily available. With students and faculty relying more and more on electronic resources, it seemed logical to develop a website that contained pedagogical material to help faculty while serving as a resource of analytical material for students and practitioners. With grants from NSF Division of Undergraduate Education (DUE) under its National Sciences Digital Library (NSDL) initiative, ASDL became a reality. www.asdlib.org went online October 2002. Its “collection” contains peer-reviewed links to *chemical measurements and instrumentation* in the following categories: class materials, techniques, applications and teaching resources. Each category has a pull-down menu – for example, subcategories of computation, electrochemistry, immunoassay, instrumentation, mass spectrometry, NMR, separations, spectroscopy and surface methods appear under Techniques. Instead of a Google search on subjects such as NMR, mass spectrometry or immunoassay that results in millions of hits, asdlib only links to those that are deemed meritorious in terms of content and usability as selected by peer-review. ASDL now publishes articles in the “Online” section on eCourseware, eLabware, eEducational Practices, eUndergraduate Research and ePoster Sessions. Authors retain copyright but agree to posting with free dissemination under the Creative Commons Copyright Agreement.

A Memorandum of Understanding (MOU) that defines the relationship between ASDL and ANYL was signed in October 2007. ANYL will become responsible for the financial support of ASDL from October 2008. The challenge is to garner enough support so that the websites become self-sufficient – about \$25,000/year. To that end, ANYL is soliciting funds through Corporate, Academic, non-profit and individual sources, as seen on its website. Your input about how the two websites can be improved is welcome. Comments can be sent to Steven Petrovic, Web Committee Chair, at petrovic@sou.edu.

Federation of Analytical
Chemistry and Spectroscopy
Societies Conference



Sept. 28 - Oct. 2
RENO, NV
Grand Sierra Resort



FACSS 2008

Tomorrow's Analytical Sciences Today !

Opening Plenary by **James Heath**,
Professor of Chemistry at Caltech
and Director of the National Cancer
Institutes NSB Cancer Center



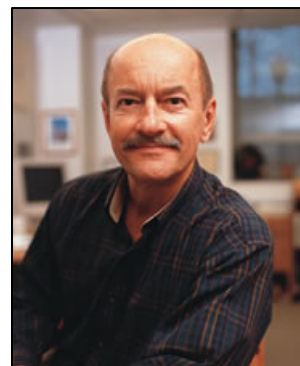
Oral and Poster Presentations on:

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Chemometrics	Nanotechnology
Forensic Science	Pharmaceutical
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Mass Spectrometry	Raman Spectroscopy

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*"40 years of Atomic Spectroscopy
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**Abstracts (due April 30, 2008),
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*Join Us in Celebrating the Society for Applied
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FACSS!*

The National Meeting of the Society for
Applied Spectroscopy

At the Analytical Division Reception at Pittcon 2008



Dr. Laurie Locascio, Chair of the Division addresses the attendees of the Division reception



Division Past Chairs John Callahan (left) and Chris Enke at the reception



Dr. Brian Bidlingmeyer, Immediate Past Chair and Chair-Elect of the Chromatography Subdivision (left) and Al Ribes, Division Treasurer



Dr. Isiah Warner, Program Chair of the Division, pictured here with his wife Della Blount-Warner

Pittcon Symposium Addresses Katrina Environmental Impacts

By Robert Cook and Matthew Tarr

During Pittcon 2008, which was held in New Orleans March 2-6, 2008, the Analytical Division sponsored a special symposium entitled: The Environmental Impact of Hurricane Katrina on New Orleans and the Surrounding Area. The symposium was organized by Dr. Robert Cook (Assistant Professor of Chemistry, Louisiana State University, Baton Rouge) and Dr. Matthew Tarr (Professor of Chemistry, University of New Orleans).

Hurricanes Katrina and Rita were major environmental events in terms of ecosystem health as well as chemical and biological contamination. Initial reports suggested that flood waters, especially those in and around New Orleans, constituted a chemical and biological witch's brew of toxic chemical and biological contaminants. Initial survey of these flood waters showed that, although the flood waters were far from being pristine, they were far from the toxic brew that had been reported in the media. Analytical methods were essential in the initial assessments of the environmental impacts of Katrina, especially in the flooded areas of greater New Orleans. These analyses gave rise to a scientific assessment of the situation based on real data, replacing the conjured and sensationalized speculations. In addition to flooding issues, the storm impacted areas continue to face challenges related to oil spills; indoor air quality; aging and damaged domestic water infrastructure; massive disposal of materials from damaged buildings, vehicles, and appliances; and pre-existing organic and inorganic soil contamination.

The symposium included presentations that dealt with the application of analytical methods that were used to analyze the environmental impacts of Hurricane Katrina, as well as analytical strategies that can be rapidly applied to provide needed data in this and future urban flood events or related disasters. The symposium covered analytical approaches to

assessing contaminant levels as well as storm related changes in the identity, distribution, and pollutant interactions of naturally occurring compounds.

The symposium began with a presentation by Dr. Cook (Characterizing the Dissolved Organic Matter within Katrina Floodwaters). His data showed how floodwaters altered the chemical signature of natural organic matter (NOM) in flooded areas. Furthermore, a combination of analytical techniques allowed for identification of specific functional groups in the NOM and provided the ability to see possible human inputs from flooded (i) waste water treatment plants and (ii) petroleum sources. Overall, the isolated and characterized NOM was very similar to local NOMs, indicating that, if present, the majority of the sewage inputs were quickly decomposed within the floodwaters.

The next presentation (Chemical, Toxicological, and Benthic Community Analysis of Wetlands in the Greater New Orleans Area following Hurricane Katrina) was provided by Dr. Burton Suedel of the U.S. Army Corps of Engineers. Suedel's work focused on assessing the impacts upon a wetland that received large amounts of flood water that had been pumped out of the city after several weeks of stagnation. An important conclusion of this work is that baseline data on wetland systems is sparse, making assessment of any event, catastrophic or chronic, difficult to determine.

Dr. Kalliat Valsaraj from the Department of Chemical Engineering at Louisiana State University, Baton Rouge, presented a talk entitled, "Sediment and Air Contamination Inside Homes Flooded during Hurricane Katrina." This talk focused on the sediment sieving effects of houses and showed that toxic potentials of the sediments within the houses were greater than those outside the houses. The talk also investigated the importance of airborne toxins within the flood zones and the effect of

physical perturbation of wastes in increasing the concentration airborne toxins.

The final talk of the session (Mold and Endotoxin Exposures Post Katrina) was presented by Dr. Faye Grimsley, Assistant Professor of Environmental Health Sciences at Tulane University. This talk demonstrated the extremely high levels of mold that occurred in homes after flooding and during clean up efforts. Very little is known about safe levels of exposure to various types of mold, and a considerable amount of research is needed in order to establish safety guidelines for those

exposed to mold.

Following the presentations, an informal discussion session ensued. Discussion focused substantially on safety measures for post-flood activities. For example, many home-owners, workers, and government officials were involved in or were often in the vicinity of clean up efforts. During this period, mold, sediment, and other potentially hazardous materials became airborne. Few if any guidelines are readily available for ensuring the safety of individuals functioning under these conditions.

Recipients of the Pfizer Graduate Travel Awards in Analytical Chemistry Honored at Pittcon 2008



Back row, L to R: Christine Hebling (University of North Carolina at Chapel Hill); Holly Chambers (University of Tulsa); Kyle Bantz (University of Minnesota); Andrew Chambers (University of North Carolina at Chapel Hill); Dr. Chris Foti (Pfizer) – representing the sponsor; Kady Krivos (University of Cincinnati); Jabulani Barber (Georgia Institute of Technology).

Front row, L to R: Dr. Laurie Locascio, Analytical Division Chair; Christina Hampton (Georgia Institute of Technology); Dr. Paul Edmiston, Pfizer Award Coordinator.

We thank Pfizer for continuing to sponsor this award !

Subdivision of Chromatography and Separation Science

From the Chair:



Susan V. Olesik

Strategic Planning for the Subdivision

We had an excellent annual subdivision meeting this spring. New ideas are under consideration to expand the offerings of the subdivision. I will update you as these plans materialized.

We decided at the annual meeting that we will celebrate the *subdivision's 25th anniversary next spring* at the Pittsburgh Conference.

Please strongly consider attending the Pittsburgh conference and plan to participate in this celebration.

As I mentioned in the previous newsletter, we are working on a questionnaire that will be sent to the members to begin to collect this information. The main goal of the questionnaire is to collect information on possible enhancements of services and programming that the subdivision should consider.

You will receive this via e-mail. We will also do a random phone call sampling of the membership. If you would like to provide comments on possible *enhancements* to the subdivision's activities by e-mail, please contact me at olesik.1@osu.edu

Your input is very important!

ACS Anal. Division Spring Meeting: PittCon 2008

The SCSS had two symposia and two organized contributed sessions at PittCon 2008. The two symposia were: Hydrophilic Interaction Chromatography arranged by Andrew J. Alpert, PolyLC Inc., and Advances in Ion Exchange Chromatography arranged by Charles A. Lucy, University of Alberta. The two organized contributed sessions were: Theory and Practice of Fast-LC organized by Jose Cintron, Eli Lilly and Aptamers in Separation Science arranged by Michael Bowser, University of Minnesota.

These sessions brought considerable new insight to these topics. I would like to thank the organizers and the authors in these sessions for their excellent contributions to the subdivision's programming.

Fall ACS Meeting, Philadelphia, PA, 2008

We have excellent programming that will be offered at the fall ACS meeting as well. A full-day session on Non-SEC Separations of Polymers has been organized by John Lyons, Dow Chemical. Please strongly consider attending.

SCSS Officers

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- E-mail Us: shortcourses@acs.org
- Mail or fax using our registration form
- Online (requires a credit card): <https://acswebapplications.acs.org>

Where and When (for later dates/locations check our website)

May 19-23, 2008 – San Francisco, CA

Check-in: 7:30 am on the first day of the course

Course runs from 8:30 am to 5:00 pm each day

Circuit Course Calendar

Day and Date				
Mon., May 19	Tues., May 20	Wed., May 21	Thurs., May 22	Fri., May 23
Fundamentals of High Performance Liquid Chromatography		Chemical Engineering and Process Fundamentals for Chemists		
Introduction to Modern Mass Spectrometry		Structure Based Drug Design		
Drug-Like Properties in Drug Discovery		Pharmacokinetics and Pharmacodynamics: Principles and Applications in Pre-Clinical Drug Development		
Essentials of Biochemistry for Drug Hunters			Statistical Analysis of Laboratory Data	
Synthetic Organic Chemistry: Modern Methods and Strategies			Laboratory Safety and Health	

Analytical Division Officers

Chair

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Chair-Elect

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Go to www.analyticalsciences.org for the complete listing of names and addresses of all Division officers and committee chairs



Treasurer

Al Ribes (2007–2008)
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Councilors

Michelle Buchanan (2006–2008)
Alanah Fitch (2007–2009)
Roland F. Hirsch (2007–2009)
Catherine Fenselau (2008–2010)

Alternate Councilors

Henry N. Blount (2006–2008)
M. Bonner Denton (2007–2009)
William Heineman (2006–2008)
Sally Stafford (2008–2010)

Past Chairpersons

Chris Enke
John H. Callahan

**Join us at the
Fall ACS Division Dinner
on Monday, August 18, 2008**

**Reception at 6 pm
Dinner at 7.30 pm**

We are pleased to announce that this year the Division will be hosting its annual dinner at a very special venue, the Chemical Heritage Foundation, 315 Chestnut Street Philadelphia, PA 19106-2702

Attendees will get a chance to see their exhibits in an informal way. More information such as directions and parking is available at their website at:

www.chemheritage.org

Tickets available through registration.

See you there!

Dorothy Phillips,
Division Chair-Elect



On the left:

At the Spring ACS Awards banquet:

Dr Catherine Fenselau (second left), ANYL Councilor and recipient of the Field and Franklin Award with Drs. Michelle Buchanan (left), ANYL Councilor, Dorothy Phillips (second right), ANYL Chair-Elect, presented the award to Dr. Fenselau, and Catherine Costello, Former President of ASMS