



Dr. Dorothy J. Phillips
Division Chair

Are You Being Served

I welcome this opportunity to address the members of the American Chemical Society Division of Analytical Chemistry. We are striving to add value to your membership in our Division. We want to serve you. If you value your membership, then we hope that you will invite other analytical chemists—whether they are students, industrial scientists or academicians—to become involved in the Division. Our strategic planning sessions are geared toward better serving you.

The vision statement was conceived during our strategic planning meeting in **2006 and confirmed again in 2008:**

Improving people's lives through the transforming power of analytical chemistry and promoting the community of analytical scientists

During those planning meetings, we also declared our mission:

- Recognize achievements in field of Analytical Chemistry.
- Offer scientists opportunities for professional contacts and development in Analytical Chemistry.
- Promote the value of our field to other scientists and the general public (increase awareness).
- Recruit a diverse cadre of individuals to careers in Analytical Chemistry.
- Advise the ACS on matters related to Analytical Chemistry.
- Provide a gateway to chemical knowledge of the Analytical Sciences.
- Provide a forum for discussions (sharing) of advances in Analytical Chemistry.
- Promote lifelong learning in Analytical Chemistry

A key result achieved to date is our enhanced website. Please visit our website:

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

The officers and program chairs will assemble during Pittcon 2010 (February 28-March 4, 2010) to review our progress with goals and objectives around these missions. We will course correct as warranted from our assessments.

The Division needs your input in order to enhance our services for you, our members. Does our mission align with your goals and vision for the Division? What three initiatives should the Division undertake in the next three years to be of most value to you for growth, for continuous employment, or more?

We would like to hear from you. My contact information is given on the Division website.

Let us work together to serve and promote the community of analytical chemists.

Yours truly,

Dorothy J. Phillips, Ph.D
Chair of the ACS Division of Analytical Chemistry
Director, Strategic Marketing, Waters Corporation.

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Eastern Analytical Symposium Delegates

Donald D. Bly & Sut Ahuja

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FACSS Delegates

Bonner Denton and Charles Wilkins

FECS ANYL Delegate

Malgorzata Ciszakowska

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Undergraduate Awards

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World Wide Web (www.analyticalsciences.org)

Xudong Yao, chair

Roland F. Hirsch, editor

PUBLICATIONS

Editor of *Analytical Chemistry*

Royce W. Murray

SUBDIVISION OF CHROMATOGRAPHY AND SEPARATIONS SCIENCE

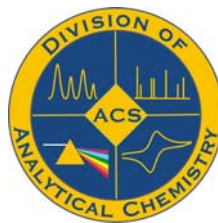
Chair

Brian A. Bidlingmeyer

Secretary

Robert L. Stevenson

DIVISION OF ANALYTICAL CHEMISTRY AMERICAN CHEMICAL SOCIETY



**Secretary's
Corner**
Anna Cavinato

DAC Executive Committee Meeting at PittCon 2010

**The Division Executive Committee Meeting will be held at
PittCon on Monday March 1, 2010 from 4:00 to 6:00 pm at
the Orange County Convention Center, Room WB1.**

Annual Meeting of the SCSC for 2010

Members of the Subdivision on Chromatography and Separations Chemistry (SCSC) of the Division of Analytical Chemistry of the ACS are invited to attend the Annual Meeting of the SCSC for 2010. The meeting is scheduled to Noon to 2 PM on Monday, March 1 in room WB1 of the Orange County Convention Center in Orlando, FL. Room WB1 is on the third floor.

Details see [the letter from Robert Stevenson](#), the Secretary for Subdivision on Chromatography and Separations Chemistry Division of Analytical Chemistry, American Chemical Society

Division of Analytical Chemistry Awards 2010

Findeis Award for Achievements by a Young Scientist

Sponsored by Philip Morris USA

Christy L. Haynes

University of Minnesota

Electrochemistry Award

Sponsored by the Division of Analytical Chemistry

Charles R. Martin

University of Florida

Chemical Instrumentation Award

Sponsored by the Dow Chemical Company

Richard A. Mathies

UC Berkeley

Spectrochemical Analysis Award

Sponsored by the Division of Analytical Chemistry

Steve Cramer

UC Davis and Lawrence Berkeley Labs

Giddings Award for Education

Sponsored by the Division of Analytical Chemistry

Lawrence W. Potts

Gustavus Adolphus College

Distinguished Service in the Advancement of Analytical Chemistry

Sponsored by Waters Corporation

Royce W. Murray

University of North Carolina

Award for Young Investigators in Separation Science

Sponsored by Agilent Technologies

Craig A. Aspinwall

University of Arizona

SCSC Report

Brian A. Bidlingmeyer, SCSC Chair

First, I would like to thank Susan Olesik for her strong contributions as chair of the subdivision for the past two years. She has served the membership well.

As the New Year begins, one of our earliest activities is the involvement with the Pittsburgh Conference (PittCon) so let me begin by reviewing what is happening at this year's conference.

Annual meeting at PittCon. The Annual Meeting or the SCSC for 2010 is scheduled to Noon to 2 PM on Monday, March 1 in room WB1 of the Orange County Convention Center in Orlando, FL. Room WB1 is on the third floor. It is often called the "Show Manager's Office". To find WB1, stand in the hallway between rooms 309A and 311A. Go directly across the main concourse of Level 3, past the escalator and then bear left into a small corridor. WB1 is at the end of the small corridor. A light lunch will be provided to the first 20 attendees courtesy of Dionex, Corp.

All subdivision members and individuals with interests in separation science are welcome to attend. We have a broad agenda including ideas for sessions at the upcoming ACS National meeting and next year's sessions at PittCon. All views are welcomed, as our mission is to address the needs of our professional society.

ACS Division of Analytical Chemistry Award for Young Investigators in Separation Science. The 2009 award is being given at a symposium at PittCon to Craig Aspinwall of the University of Arizona. This year's Award symposium will be held on Wednesday, March 3, 2010 at the Orange County Convention Center in Orlando in Room 300 from 8:00AM until 11:15AM. The sponsor of the Award is Agilent Technologies, Inc.

PittCon Programming. In addition to the Young Investigator Award Symposium the SCSC organized two additional sessions. One on Tuesday AM entitled "Pushing the envelope in capillary GC," arranged by Mathew Klee (Agilent) and one on Thursday AM entitled "Separation and characterization of large macromolecules and nanoparticles: there's room at the top," arranged by Kim Williams (Colorado School of Mines). The subdivision was also involved in setting up several Organized Contributed Sessions on separations at the conference.

More involvement of members. As many of you know the 2009/2010 years is the 25th anniversary of the subdivision. The membership has grown to over 1650 members, which is larger than some divisions in the ACS. In the 2008 and 2009 subdivision annual meetings at PittCon, some discussion has been on the topic of "what does the SCSC do when it grows up?" Our membership has industrial, academic and government constituents, and it is important that we understand the various members' expectations and needs from the subdivision. What matters is what you think so please consider making your view known by expressing them to me or to anyone on the subdivision board. All contact information (addresses, emails and phone numbers) of our board members are listed on the subdivision web page that is accessed through the Analytical Division's web page (www.analyticalsciences.org). I encourage everyone who has an opinion to share it.

Another need of the SCSC is to understand how to involve our current membership to step up and become more active. More members that are active make a more cohesive organization. Involved members result in more resources which in turn leads to an organization that can assume a larger commitment. Anytime we can have the opportunity to obtain your, our customers' views, we all win.

Again, it is important that your opinion be represented, so please do not hesitate to offer your opinion. After all, we all wish the SCSC "to be all it can be."

SCSC is a sponsoring organization for HPLC 2010. As the subdivision is a Sponsoring Organization for the upcoming HPLC 2010 meeting, I encourage all of our membership to view the meetings web site (www.HPLC2010.org) and consider attending the meeting in Boston this year (June 19-24, 2010). A "button" is placed on the SCSC web page for a convenient connection to the meetings information.

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From the Industrial Liaison Committee

Dear Fellow Industrial Analytical Chemists:

The Industrial Liaison Committee (ILC) of the Analytical Chemistry Division of the ACS has embarked on an initiative to improve its effectiveness in serving the needs of analytical chemists working in industry. In today's environment of economic challenge, fierce competition, and high expectations of professionals, it becomes critical for each individual to manage his/her career proactively. In this regard, expanding the scope of one's knowledge base and augmenting scientific prowess with ancillary skills becomes critical. The ILC is keenly aware of the challenges facing industrial analytical chemists and the need to provide an avenue for them to continue to develop and hone skill sets that will enable them to remain competitive. We are seeking several enthusiastic volunteers who are willing to work with us to identify and develop programs and offerings that will benefit all industrial analytical chemists. Our goal is to use a "bottoms up" approach in shaping a curriculum of workshops that will meet your needs. This is your chance to contribute your ideas and, most importantly, experiences to influence the ILC to be a means of enhancing your growth opportunities to advance your career.

Please send a message indicating your interest to AnalyticalIndustryLiaison@analyticalsciences.org.

PittCon 2010 Awards

Eleven major awards in the analytical sciences will be presented during PittCon, including the Subdivision on Chromatography and Separation Chemistry's Young Investigator Award, which will be received by Craig A. Aspinwall of the University of Arizona. The other recipients are Richard P. Van Duyne, Christy L. Haynes, Richard M. Crooks, Lane C. Sandler, Lloyd M. Smith, Joshua J. Coon, Robin M. Hochstrasser, Catherine Fenselau, Patrick J. Treado and Walter Jennings.

(Roland F. Hirsch)

FACSS 2010 Call for Papers

Deadline for abstracts to be considered for oral presentations is April 30, 2010. Abstract revisions accepted until July 31, 2010. Abstracts submitted after April 30 will be considered for posters or as late breaking orals as space permit.

Each day will begin with a plenary presentation given either by internationally recognized speakers or annual award recipients. After the daily plenary lectures, there will be eight concurrent sessions within each half-day period, and each of those sessions will be composed of poster and oral presentations. Prizes will be awarded daily for outstanding poster presentations. FACSS encourages new attendees to participate in its meeting. The program format requires the scheduling committee to review all submitted contributions to determine their distribution amongst the spaces available for high profile poster and oral presentations. Prizes will be awarded daily for outstanding poster presentations.

STUDENTS: Application information for [the Tomas A. Hirschfeld and FACSS Student Awards](#).

Program Chair: Andy Sommer
(From the FACSS website)

2010 IM Kolthoff Travel Awardees

Stacia Wegst*

SUNY Buffalo

Advisor: Prof. Deana Aga

Steven Schill*

Cal State Fullerton

Advisor: Prof. Paula Hudson

Christopher Backlund

Union College

Advisor: Prof. Mary K. Carroll

*: Attending and presenting at the 2010 Spring ACS National Meeting

From the Education Committee Chair
[Patricia \(Pam\) Mabrouk](#)

2009 Undergraduate Awards Announced

From the Undergraduate Award Committee Chair
[Douglas Beussman](#)

Analytical Division – Support of Symposia at Regional ACS Meetings

The Analytical Division has a speaker's fund to help support programming at the regional American Chemical Society meetings. Awards will generally be made to support a thematic symposium. Funds can be used to support travel expenses of an expert in the field who would not normally attend that particular regional meeting. It is expected that local speakers will then be included to fill out the symposium. Alternatively, funds can be requested to provide more modest levels of support to several speakers from the region. The Division will help regional planners identify possible speakers for symposia topics, if necessary. Applications for support are considered on a rolling basis until the yearly allocation of funds has been expended. There is no formal application process. Anyone interested in applying for an award should contact [Nadja Cech](#) (nadja_cech@uncg.edu) by email to discuss the nature of the symposium and the funds that are needed to help support the program.

From the ACS Regional Meeting Liaison Committee Chair
[Nadia Cech](#)

Call for Newsletter Contributions

News or photos to share? Information to distribute? Please send your contributions to the DAC Newsletter Editor [Xudong Yao](#) by email: x.yao@uconn.edu.

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Chemistry and Biochemistry

University of Arizona, Department of
Chemistry

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University of California - Riverside

University of Illinois at Urbana-
Champaign, Department of Chemistry

University of Utah



Susan Lunte, Program Chair
Arranging Conference Sessions
at 2010 ACS National meetings and at PittCon 2010

Fall 2010 ACS Call for Papers

March 22, 2010 Deadlines for the 239th ACS National Meeting and Exposition

Boston, Massachusetts, USA
August 22 – 26, 2010

Program Chair: Susan Lunte, slunte@ku.edu

Ion Mobility Mass Spectrometry Symposia

A symposium on life science applications of ion mobility-mass spectrometry will be held on March 16 at the [University of Pennsylvania](#), March 17 at [Johns Hopkins](#) and March 18 at the [University of Maryland-College Park](#). Speakers are Alison Ashcroft of the University of Leeds, Helen Cooper of the University of Birmingham, David Russell of Texas A&M University, and David Clemmer of Indiana University.

(Roland F. Hirsch)

American Chemical Society Division of Analytical Chemistry

239th ACS National Meeting & Exposition

San Francisco, CA, March 21-25, 2010

S. Lunte, Program Chair

SUNDAY MORNING

Analytical Methods in Biotechnology

S. Lunte, Organizer, Presiding. Papers 1-11

SUNDAY AFTERNOON

Microfluidics and Microdevices

S. Lunte, Organizer. Papers 12-24

MONDAY MORNING

Sensors

F. Gomez, Organizer. Papers 25-36

MONDAY AFTERNOON

ACS Award for Research at an Undergraduate Institution: Symposium in Honor of Thomas J. Wenzel

R. Austin, Organizer. Papers 37-40

MONDAY EVENING

General Posters

S. Lunte, Organizer, Presiding. Papers 41-148

Sci-Mix

S. Lunte, Organizer. Papers 149-170

TUESDAY MORNING

Sustainability of Water Quality

S. Ahuja, Organizer, Presiding. Papers 171-177

TUESDAY AFTERNOON

Sustainability of Water Quality

S. Ahuja, Organizer, Presiding. Papers 178-184

WEDNESDAY MORNING

Separations

J. Anderson, Organizer. Papers 185-194

WEDNESDAY AFTERNOON

Spectroscopic Methods of Analysis

R. Moffet, Organizer. Papers 195-206

THURSDAY MORNING

Mass Spectrometry

P. Wang, Organizer. Papers 207-216

THURSDAY AFTERNOON

General Papers

S. Tucker, Organizer. Papers 217-228

2010 Eastern Analytical Symposium

November 15 - 18, 2010
Garden State Exhibit Center, Somerset, New Jersey

CALL FOR PAPERS

Deadline: April 15, 2010

International exposition for laboratory science and analytical science. We offer high-quality cutting-edge technical sessions and state-of-the-art short courses, workshops and a poster program by contributing a paper for oral or poster consideration. Please note that all abstracts must be submitted electronically via the FAS web site at www.EAS.org under the Symposium April 15.

Submit abstracts through our web site at www.EAS.org for abstract submission.

Abstract submission deadline is April 15, 2010.

For more information:

Visit www.EAS.org for more information.

Abstracts will be printed in the abstract book for the

symposium. The status of the abstract and its

The Eastern Analytical Symposium and Exposition is the second largest conference in the U.S. dedicated to the needs of analytical chemists and those in the related edge-technical disciplines and state-of-the-art short courses, workshops and a poster program by contributing a paper for oral or poster consideration. Please note that all abstracts must be submitted electronically via the FAS web site at www.EAS.org under the Symposium April 15.

To submit a contributed paper for the #010 FAS Technical Program, please visit www.EAS.org starting in March 1 and April 15; and follow the instructions for abstract submission.

Please carefully review the following information:

- All contributed abstracts must be submitted through our web site at www.EAS.org. Printed, e-mailed, or mailed abstracts will be accepted.
- All abstracts must be 250 words or less.
- All abstracts will be accepted as a PDF file.
- The abstracts must be submitted in the following format: www.EAS.org
- The status of the abstract will be considered in the program for the Eastern Analytical Symposium.
- Presenting authors of scientific abstracts will be notified in person at the symposium.

TOPICS ARE:

Sample Preparation
Solvents Extraction
Genetics
Separation Science
Bio-Partition Chromatography
Solid State Analysis
Trace Analysis
Operational Fluid Chromatography
Surface Science
Very High Pressure (Ultra High Pressure)
Microfluidics
Microfluidics

Biocatalysis
Capillary Electrophoresis
Chemometrics
Chromatography
Construction Science
Environmental Analysis
Forensic Analysis
Gas Chromatography
HPLC
Immunochemistry
Industrial Hygiene
Ion Chromatography
IR Spectroscopy

Laboratory Automation
Laboratory Management
LC/MS
Mass Spectrometry
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NMR Spectroscopy
Pharmaceutical Analysis
Process Analytical Systems
Quality by Design
Quality Applications/Control
Remote Spectroscopy

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