

## *April 2008 Section Meeting: The Women Chemists Committee Presents Retirement Planning for the 21<sup>st</sup> Century*

You're Invited to join us for an exciting presentation April 9, 2008 at the BASF Southfield site at the CRC building in room 1330 on the 1st floor at 6:30 PM. (See map on page 11.)

Will you outlive your savings?

Or will you have income for life?

- 2003 LIMRA Study reported that 80% of retirees do not have a written plan for managing retirement income/expenses
- Combination of estate and income taxes could leave your heirs with as little as 37% of your retirement accounts (source: Tax Facts 2004)
- Some retirees are paying tax on as much as 85% of their social security benefits unnecessarily
- Many retirees are not taking income from their investments while they still have their health.

Are you one of them?

***The Speaker***, Jack J. Rothenberg is a successful financial planner with LPL Financial doing business as America Group Financial Services. He provides his clients a broad range of financial solutions to help enhance and preserve their wealth with an emphasis toward retirement income distribution and tax-advantaged strategies. He is a Certified Fund Specialist and a member of the Financial Planning Association.

Securities offered through LPL Financial, member FINRA/SIPC

## **Steven Scribner, 2008 Section Chair**

After so many successful 2007 events and wonderful support from amazing volunteers, I am excited to see the 2008 events start for the ACS Detroit Section. The dynamic speakers, tours and events that have already taken place this year are sure to continue with both innovative and traditional events to come in the next several months. The section has many spectacular events planned including participation at the Rouge River Water Festival, the Detroit Tast Fest, and National Chemistry Week. In the upcoming spring and fall, we look forward to dynamic speakers including presentations from past ACS president Katherine Hunt at the annual Detroit Section-CIC awards banquet and Lisa Balbes speaking on Non-Traditional Careers for Chemists in September. The section also continues its commitment to offer strong educational programs including events such as the Chemistry Olympiad for High School students, support of Project SEED and Professional Training Enhancement Grants for High School teachers. These are just a few of the programs that make the Detroit section one of the best local sections in the country.

To continue this excellence takes both hard work and input from volunteers and members. As current chair I am thankful, extremely thankful, for the commitment and knowledge of everyone that volunteers and helps plan all the wonderful section events. But the section can always benefit from new ideas and programs, new volunteers, and input from our membership. If you haven't had the chance to talk to section members recently come and join us at an event. Our Kids & Chemistry program has several events every year that can use the enthusiasm and expertise of professional chemists. Finally, if there are activities or programs, materials or information that you think the section could offer to our membership please contact myself, [sscribner@marygrove.edu](mailto:sscribner@marygrove.edu), 313-927-1321, or other members of the executive committee. I look forward to the upcoming year and working with the many volunteers and getting to know many of our section's members.

## Used Medicines? We Beat the Buzz By Two Years!



Folks, have you seen any of the recent TV, print, or online articles about the proper use and disposal of old drugs and medicines? Have you heard or read any of the reports that detail how our water, and the animals living in our waters, are altered by the inadvertent addition of trace amounts of

old medicines to lakes and rivers? If you somehow missed all the recent coverage in *Chemical & Engineering News*, or on CNN, or on CNN.online, be aware that some people in the media have finally become aware that old medicines and drugs are accumulating in wild and domestic water supplies. There has been coverage concerning the small amounts of over the counter and prescription drugs that have turned up in the drinking water of various cities, as well as information on how animals in aquatic environments are affected by even part per trillion concentrations of medicines. To get the full scoop, look at:

<http://pubs.acs.org/cen/coverstory/86/8608cover.html>

for the *C&EN* article, or

<http://www.cnn.com/2008/HEALTH/03/12/pharmawater.standards.ap/>

for some of the CNN coverage. The debate is just now heating up about how these materials affect human health, or if they affect it at all at these levels, but the evidence is in that trace amounts of many drugs are definitely present in water supplies.

But the Detroit ACS Section has beaten them all. We developed and disseminated a pamphlet about how to properly dispose of old medicines and drugs two years ago, and it was all because you asked for it. Well, to be more specific, you asked for a Local Sec-

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tion that was pro-active and attuned to matters that concern the environment, human health, and making the world a better place to live. One of our early efforts in that area was the production of our “used medicines” pamphlet. It has been distributed at many of our public outreach events for the past two years, such as National Chemistry Week at the Cranbrook Science Center, or the Detroit Taste Fest, held in the shadow of the Fisher Building. As well, it is available on-line, through the section web site.

We have also produced a similar pamphlet about the proper disposal, recycling, and treatment of batteries. You can get this on-line as well. Plus, we will be working on some new efforts this year, such as an informational pamphlet about the proper disposal and recycling possibilities for old computers, cell phones, and other related electronic items. If there are other, related issues you’d like to see addressed, or any other environmental or safety related matters, please let us know. Mark Benvenuto can be reached at: [benvenma@udmercy.edu](mailto:benvenma@udmercy.edu). Let’s see if we can stay ahead of the national curve!

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## **Technology and Communication Innovation**

The executive council of the Detroit Section would like to increase communication, website materials and delivery of chemical related news and materials through different medias and technologies. This might include new committee websites, website tutorials, surveys and presentations, pod casts, text messaging, etc. While the section will drawn upon experience from current committees such as publications, website, public relations and education the executive council would like to solicit ideas and volunteers to further develop this committee and produce the type of offerings that are useful to our membership. Ideas and inquires may be directed to Steve Scribner at

[sscribner@marygrove.edu](mailto:sscribner@marygrove.edu)

or

313-927-1321.

## **New ACS Strategic Plan for 2008 and Beyond**

The “ACS Strategic Plan for 2008 and Beyond,” which was released in January at [www.acs.org/strategicplan](http://www.acs.org/strategicplan), provides a blueprint for how we can work together to advance our vision of “Improving people’s lives through the transforming power of chemistry.” It marks both the culmination of a careful deliberative process and the launch of an extremely exciting path towards creating the ACS of the future.

### **Why do we need a new plan?**

This new plan will ensure that ACS remains the leading professional society in chemistry for our members and our science. To do this, we need to select priorities from among all of the possible strategic directions that might be pursued. Building on our 132-year history of successful operations, there is much that must be continued, and our strategy recognizes that. At the same time, the world of chemistry and our members is changing quickly. The new strategic plan recognizes these trends and challenges, and charts a course that will enable us to respond.

### **Process of generating the plan**

The ACS Board of Directors worked diligently throughout 2007 to develop the plan. Starting with input from thousands of members, the Board and Senior Staff held a workshop in June of last year. Over the rest of the year, feedback was sought from governance volunteers and staff, and carefully considered adjustments were made. At its December meeting, the final plan was approved.

### **Components of the plan**

The plan supports the centrality of the ACS vision: “Improving people’s lives through the transforming power of chemistry,” and mission “To advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people.” It articulates core values for the Society, including a passion for chemistry, a focus on members, and an emphasis on professionalism and diversity. Based on an environmental scan, the strategic plan identi-

*(Continued on page 6)*

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fies the key issues that will have a major effect on present and future generations of chemists and related practitioners. These trends include globalization, the changing nature of chemistry, its public image, government activity, new technologies and changing lifestyles.

### **Six focused goals**

The centerpiece of the new strategic plan is the six strategic goals of providing indispensable resources, engaging global community, affecting world challenges, communicating chemistry, advocating for the profession and maintaining financial health. Each goal is accompanied by explanatory text and specific strategies.

### **Opportunity for revision and evolution**

Finally, please note that the plan is not “set in stone”. The Board and its Planning Committee intend to let the plan evolve from year-to-year. If you have suggestions, ideas, or approaches that should be included, please email them to [strategicplan@acs.org](mailto:strategicplan@acs.org) at any time.

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## **International Travel**

Just a note to remind you that the rules for International travel are changing and that a passport will be required to cross the US-Canada Border in the future. The Awards Meeting in May will be held with the Canadian Institute of Chemistry in Windsor. If you want to attend, please make sure that you have, or apply for, a current passport now!

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## **Congratulations to Timothy J. Wallington**

Dr Wallingford is the winner of the ACS Award in Industrial Chemistry, sponsored by the ACS Division of Business Development & Management. The award will be presented to him at the ACS Spring National Meeting in New Orleans for his work on chlorofluorocarbon (CFC) replacements that do not threaten the ozone layer. Wallington, 49, is a technical leader at Ford's Dearborn, Michigan research center.

## CERMACS 2008

CERMACS 2008 will be held June 10-14, 2008 at the Hyatt Regency Columbus in Columbus, Ohio, hosted by the ACS, Columbus Section.

### Important Dates

- 04/01/2008: Abstract Submission Close
- 05/19/2008: Hotel Room Block Closes
- 05/19/2008: Advance Registration Closes

Please check out the current program schedule for the 40th Central Regional Meeting:

[www.cermacs2008.org](http://www.cermacs2008.org).

Links for ABSTRACT SUBMISSION and HOTEL REGISTRATION are now active

On behalf of the Organizing Committee I invite you to mark your calendars now in anticipation of an outstanding meeting.

Regards  
Jimmy Cowan  
General Chair, CERMACS 2008

For more information, please contact:

[cermacs2008 @ OSU Chemistry](mailto:cermacs2008@osu.edu)



**ANACHEM / SAS Monthly Meeting  
University of Detroit Mercy  
April 16, 2008 at 6PM**

**Scenes from an Exhibition: Revolutionary Tools and the  
Transformation of Chemistry in the Twentieth Century**

**David C. Brock**

**Senior Research Fellow Center for Contemporary History  
and Policy, Chemical Heritage Foundation, Philadelphia, PA**

In describing the dramatic changes in the practice of chemical research in the middle twentieth century connected to new forms of physical instrumentation, many historians use phrases like "the Second Chemical Revolution," and "the Instrumentation Revolution." This talk is centered on a series of these "revolutionary tools" from the collection of the Chemical Heritage Foundation and its major new exhibition *Making Modernity*. The talk will use these exemplary instruments to discuss some of the important dynamics that contributed to the profound changes in instrumentation and their use by chemical researchers in this era. Among these dynamics are: the rise of electronics and computing; the exigencies of the Second World War and the Postwar economic expansion; boundary crossings between physics and chemistry; the role of instrumentalists and instrumentation makers; and the extension of the "spectral metaphor."

David C. Brock is a Senior Research Fellow with the Center for Contemporary History and Policy of the Chemical Heritage Foundation. As an historian of science and technology, he specializes in oral history, the history of instrumentation, and the history of semiconductor science, technology, and industry. Brock has studied the philosophy, sociology, and history of science at Brown University, the University of Edinburgh, and Princeton University (respectively and chronologically). His most recent publication is *Understanding Moore's Law: Four Decades of Innovation* (Philadelphia: Chemical Heritage Press), 2006, which he edited and to which he contributed. With Christophe Lecuyer, Brock has co-authored two articles on the broad subject of what he calls the 'chemical history of electronics': 'the first, a paper for the journal *History and Technology* titled 'The Materiality of Microelectronics,' and; the second, a brief biography of Gordon E. Moore for the journal *Annals of the History of Computing*. Both papers were published in the fall of 2006. In the area of public history, Brock has curated two exhibits for the Chemical Heritage Foundation: an exhibit on the history of instrumentation titled 'Revolutionary Tools: Instrumentation and the Transformation of the Chemical Sciences' and a major traveling exhibit on the history of women in chemistry titled 'Her Lab in Your Life.'



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## Detroit ACS Section and ANACHEM on the Web

A Website for the Detroit ACS Section and ANACHEM, maintained by Ed Havlena can be found at:

<http://www.detroitsection-acis.org>

The Detroit Chemist is now also available via email. To subscribe send an email to:

[majordomo@angus.mystery.com](mailto:majordomo@angus.mystery.com)  
with

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end

in the body of the message.

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# Location of April meeting

## SOUTHFIELD

### BASF AUTOMOTIVE CAMPUS

26701 Telegraph Road  
Southfield, Michigan 48034  
Telephone: (248) 827-4670  
(Site No. 0683)

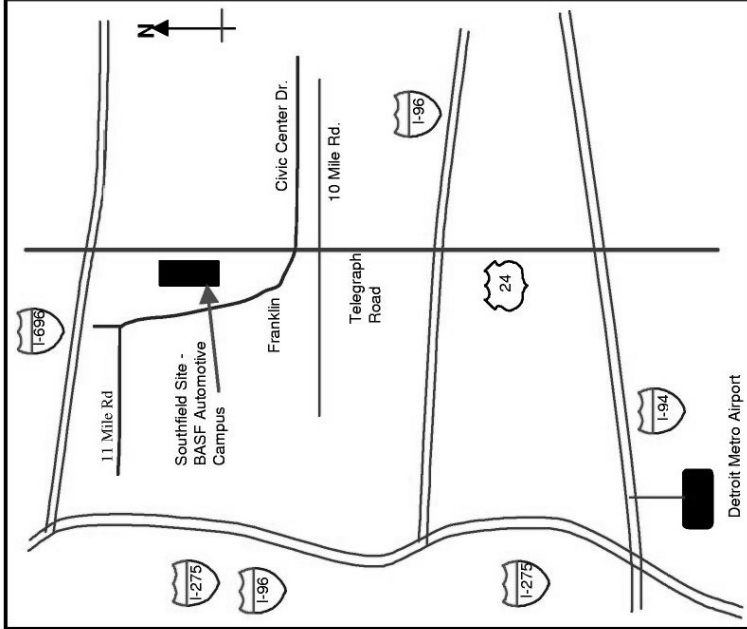
**Driving Time:**

Approximately 30 minutes from Detroit Metro Airport.

**From Detroit Metro Airport:** Follow airport exit signs to I-94. Take I-94 east to Telegraph Rd (Rt. 24). Take Telegraph Rd. north to Civic Center Drive (about 0.5 mile north of 10 mile Road). Go past Civic Center Drive & the site, then make first U-turn and go south on Telegraph Rd. Turn right to enter site which is adjacent to the Holiday Inn.

or

Follow airport exit signs to I-94. Take I-94 west to I-275. Take I-275 north which merges with I-96. Continue north on I-275/I-96 to I-696. Then take I-696 east to Telegraph Rd. Take Telegraph Rd. south. The site is located on the right.



8/23/01

### Calendar of Upcoming Events

April 6-10 ACS Spring National Meeting  
in New Orleans

April 9 Women Chemists Committee Retirement  
Talk, *see pages 1 & 11 for details.*

April 16 ANACHEM talk on Chemical History,  
*see pages 8 for details.*

May 14 ACS President Katie Hunt speaks at the  
Joint Awards Meeting with CIC, *please see future  
issues of the Chemist for details.*

June 10-14 CERMACS 2008 in Columbus,  
OH, *see page 7 for details.*

August 17-21 ACS Fall National Meeting in  
Philadelphia

September Lisa Balbes speaks on Non-Traditional  
Careers for Chemists, *please see future issues of  
the Chemist for details.*



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