

February Section Meeting:
**The Art and Practice of Communication
and Understanding**

Presenter: JoAnna DeCamp, M.S.W.

Date: Wednesday, February 17, 2010 at 7 pm

**Place: University of Michigan-Dearborn, Professional
Education Center (PEC), Room 1410**

Workshop Summary and Overview:

In this interactive workshop participants will explore how improving their communication and listening skills can enhance their professional/academic and personal interactions. This workshop will focus on learning to discern how our own internal pictures of the world shape our decisions and actions. Participants will practice with tools designed to allow them to understand how their personal assumptions shape what they see and hear.

As communication skills are so fundamental to any interaction, we encourage everyone to attend this course. Individuals will gain skills that are highly transferable in their professional and personal roles.

The workshop will cover areas such as:

- Listening practice and tips
- Impacts of behavior that may differ from the original intents
- Guidelines for productive conversations

(Continued on page 2)

(Continued from page 1)

About the Presenter:

JoAnna DeCamp received her M.S.W. from the University of Michigan in 1987. She has spent most of her professional life in education as an administrator, speaker and consultant. She was formally the Director of Non Credit Programs at Eastern Michigan University and The Director of the Center for Organizational Learning at Washtenaw Community College. JoAnna was a consulting member of the Society of Organization Learning and one of the co founders of the Midwest Society for Organizational Learning. JoAnna is currently a mediator with the Dispute Resolution Center and the Wayne Mediation Center. Her practice focuses on mediation and mediator training.

Directions:

The U of M-Dearborn Campus is off of Evergreen Rd between Ford Rd (M-153) and Michigan Ave (US-12) just west of the Southfield Fwy (M-39). Visitor parking is available in the parking structure or in the lot next to the Professional Education Center. Directions are available online at http://www.umd.umich.edu/maps_directions/. A map of the campus can be found on page 15.

Results of the 2010 Detroit Section Officer Election

Please join me in congratulating the officers.

Chair-Elect: Mary Kay Heidtke

Secretary-Elect: Angela Allen

Treasurer-Elect: Meghann Mouyianis

Councilor: Walter Siegl

Alternate Councilor: Megan Klein

Submitted by Mary Kay Heidtke , Section 2009 Secretary

Note. A summary of the contact information for the Officers and Committee Chairs will be included in the March Chemist.

• — *Jim Landis, Editor*

2009 Midgley Award Announced

The Detroit Section of the American Chemical Society is pleased to announce that the 2009 Thomas Midgley Award will be presented to Stanford Ovshinsky of Ovshinsky Innovation, LLC. This endowed award was established in 1965 in honor of the late Thomas Midgley, Jr., a prolific inventor whose discoveries included tetraethyl lead anti-knock additive and halocarbon (“Freon”) refrigerants. The award recognizes outstanding research contributions in the field of chemistry related to the automotive industry. Past awards have recognized a broad range of chemical contributions to the industry.



The 2009 Midgley Award will honor Stanford Ovshinsky, another prolific inventor with over 400 patents, “for his pioneering accomplishments in the development and commercialization of rechargeable nickel metal hydride (NiMH) batteries for hybrid and electric vehicles.” The awardee will receive the Midgley Medal and a \$1000 honorarium, to be presented at an award address and reception held in the recipient's honor in the near future at an upcoming special meeting of the Detroit Section of the American Chemical Society.

2010 Metro Science And Engineering Fair

The 2010 Detroit Metro Science and Engineering Fair will be held at Cobo Hall in Detroit the week of March 15th. Judging will be on Wednesday, March 17th. Again this year, the Section's Environmental and Safety Committee will participate in the Fair, judging Senior Division projects dealing with both chemistry and the environment. Anyone wishing to join in the judging should contact Peter Warner at 313-821-6021 or Ed Havlena at 313-393-3685. More information about the Fair can be found at:

SEFMD.org

American Chemical Society's Project (SEED) Summer Educational Experience Disadvantaged Students: Detroit Section's Program 2009

Project SEED was established in 1968, nationally, (by the American Chemical Society) to assist high school students expand their career selection with regards to possibly choosing a chemistry related profession, which traditionally does not have a high number of minority professionals. During the over 40 year period since the beginning of Project SEED, more than 6,400 students have participated in summer research and have identified this as a positive experience. Within the Detroit program, since 1992, nearly 55 students have gained the SEED experience. Many of these students have gone on to earn bachelor degrees. Moreover, many of these students have gone on to major in chemistry related fields (in college) as a result of Project SEED.

The section's Project SEED committee would like to acknowledge the efforts of those persons from the Detroit Professional Chapter of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) who assisted in the processing of the nearly 50 application packages received to select the five primary and five alternate candidates to participate in the ten week program, which began in late-June.

The structure of the program afforded participants the following, see below.

- Students required to draft a research paper
- Skills developmental workshops
 - Lab safety
 - Lab notebook
 - Researching background information
 - Research ethics
 - Research poster design
- College Scholarships and Admissions counseling
 - Admissions essays
- Related field trips
 - McNair Conference
- Book scholarship (BASF)
- Student mentoring students (Served as Student Assistants within the WSU Upward Bound Science courses and College of Engineering Summer High School Institute)

One of the major features of this year's summer effort was to provide participants with the experience of attending a conference. Wayne State University hosted a McNair Conference. McNair is a national program supported by the

(Continued on page 5)

(Continued from page 4)

U.S. Department of Education. The scope of this program is supporting, preparing and advising of undergraduate students ultimately to stimulate their interest in entering graduate school. This conference presented a number of opportunities for the (Project SEED) pre-college students to get information from the attending colleges, attend science related talks, view the poster session, and attend selected workshops.



*Detroit's 2009 Project SEED Students at the McNair Conference at WSU
Left to Right: R. Cain, J. Harris, T. Mattic, N, Shannon, A. Hashwi and Coordinator K. Williams*

This year's students:

- **Jasmine Harris**, a Senior Detroit Osborn High School worked at Wayne State University with David Rueda on "Addition of Tandem Affinity Purification (TAP) Tag to the *Saccharomyces cerevisiae* Splicing Factor Prp 19"
- **Tyler Mattic**, a Senior Renaissance High School worked at Wayne State University with Matthew Allen (a first time preceptor in the Detroit Section program) on "Synthesizing 1,4, 7, 10 - Tetraazacyclododecane -1,4, 7 - tris (t-butyl) Acetate (DO3A)"
- **Niya Shannon**, a Senior at Detroit Renaissance High School worked at Wayne State University with Howard Matthew on "Effects of Crosslinking with Oxidized Starch on Chitosan Mechanical Properties"

(Continued on page 6)

(Continued from page 5)

- **Rio Cain**, a Freshmen at U of M worked with Ted Goodson at the University of Michigan, -Ann Arbor on “*Laser Applications*”
- **Atif Hashwi**, Junior at Detroit Country Day School worked at Wayne State University with Jeremy Kodanko on “*Synthesis of Iron-Binding Ligands*”

BASF Book Scholarship recipients:

Tenira Townsend - Project SEED 2006

Status: Chemistry major: Junior at Oakland University

Aaron Crump

Status: Chemistry major: Freshmen Wayne State University

ACS-Detroit Section Project SEED would like to thank all of its financial contributors who made it possible to pay the students the \$2,800 (level I) or \$3,300 (level II) stipend.

- ACS Local
- ACS National
- BASF (Southfield) Fran Heicklen
- U of M Department of Chemistry (Ted Goodson)

The Project SEED Committee will “gear up,” for the 2010 program beginning in January. At that time, a solicitation will go out to perspective preceptors (mentors) who will submit research summaries of potential student projects. These summaries will be sent to ACS-national for approval. Similarly, solicitations will go out for program sponsorship. If anyone is interested in supporting the program in either of these roles feel free to contact Keith B. Williams at kbw@chem.wayne.edu.

Lastly, the ACS Detroit Section Project SEED Committee would like to express its gratitude to Yolanda Watts, chair of the section’s Minority Affairs Committee, Felicia Benson (DPS) for coordinating all aspects of the Project SEED activities before, during, and after the program, the Wayne State University Student Chapter of NOBCCHE, as well as those professionals who volunteered for the interview committee.

Submitted by Keith Williams, Project SEED Coordinator

“Chemistry Day at Belle Isle” is a Big Hit with Local Girl Scouts

If you missed it, you missed one of the highlights of the Detroit ACS calendar year. On Saturday, November 14th, 200 Junior Girl Scouts and their Troop leaders/chaperones participated in the fifth annual “Chemistry Day at Belle Isle”. The Casino building at Belle Isle was bustling with activity as the Girl Scouts of Southeastern Michigan learned about the role of chemistry in their everyday lives. The Girl Scouts enthusiastically engaged in four different activities which included a service project, a craft project, a career session, and hands-on experiments. The event was a huge success due to the combined efforts of our more than 35 volunteers and sponsors.

In the career session, organized by Meghann Mouyianis (UD-Mercy), the Girl Scouts learned about the variety of careers available in the field of chemistry. Three speakers shared information about their careers and the impact that science has on their professional lives. Each speaker gave a presentation and then answered questions regarding their careers. The Girl Scouts could engage with the speakers as to why and how they chose their profession and how they got started in their field. All three speakers did a great job relating to the young women and making their information relevant. We are most grateful to the three speakers of the career program:

Hulya Ahmed, Research Chemist, BASF Corporation

Denise Glassmeyer, Patent Attorney and Counselor at Law, Young & Basile, P.C.

Patty Troy, Lab Manager, City of Port Huron Water Reclamation Facility

In addition, an exhibit of chemistry posters augmented the career program. The posters were fantastic! They provided eye-catching detail on the Periodic Table of the Elements. The Scouts were given a list of questions that they had to answer about the posters. This provoked further discussions about chemistry. The posters were created as a service-learning project by students enrolled in a first year chemistry course at the University of Detroit Mercy.

For a taste of some hands-on chemistry, each young Girl Scout engaged in eight different experiments, which were organized by Denise Grimsley (BASF Corp) and Megan Klein (Ash Stevens). In this session, ACS and chemistry student volunteers utilized their backgrounds in science to communicate the importance of chemistry to our quality of life while assisting the girls to explore the chemistry of polymerization, cross-linking of polymers, chromatography, isolation of iron from breakfast cereal, properties of dry-ice, and the preparation of ink. Observers noted an enthusiastic group of junior experiment-

(Continued from page 7)

ers.

The remaining two sessions included the service and craft projects and were organized by Liz Roberts-Kirchhoff (UD-Mercy). For the service project, the Girl Scouts used their creative talents to decorate holiday ornaments. The Girl Scouts designed the ornaments using their favorite elements from the Periodic Table. As this year's National Chemistry Week theme was "Chemistry – It's All Elemental", the ornaments provided a nice tie-in. The ornaments were placed on a tree, which will be donated to a local charity to decorate the facility. For the craft project, the girls used C&E News magazines and colored paper to make science career collages.

Mary Kay Heidtke (Magni Industries, Inc) and Caroline Feathers (Girl Scouts of Southeastern Michigan) did a terrific job as the lead organizers of this event and made sure that everything was in place for Saturday morning. In addition to those already mentioned, we are most grateful to all our volunteers who helped make this a very successful event as evidenced by the rave reviews from both scouts and leaders. The following volunteers graciously gave their time, energy and enthusiasm. We sincerely hope that you enjoyed the event as much as the Girl Scouts did!

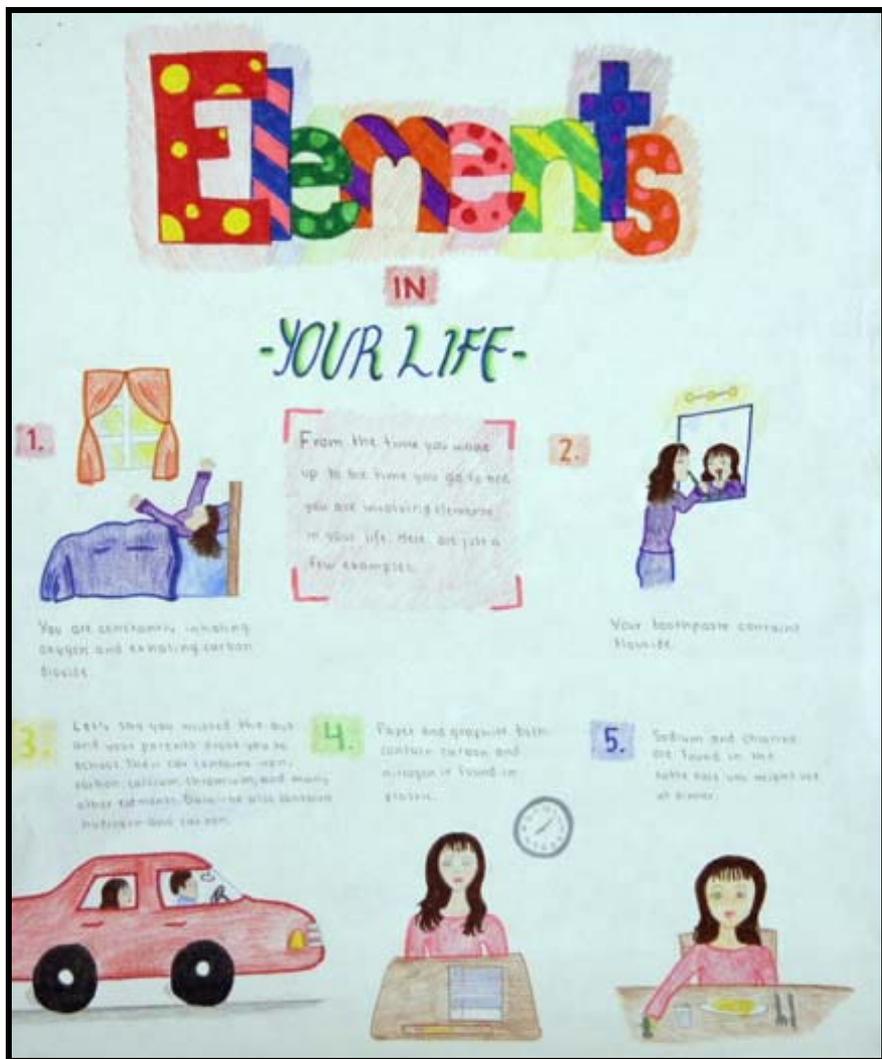
Gavin Ambrosi	R. Graham Greenland	Kevin O'Mara
Inga Balke	Ryan Hijazi	Patrick O'Mara
Maren Balke	Marilyn Jefferson	William O'Mara
Stefan Brettfeld	Sara Halladay-Klakulak	Tom Ott
Michelle Cochran	Monica Lamble	Stephanie Sakowicz
Debbie Costello	Emil Lozanov	Ron Schroeder
Marie Dajos	Scott Kanas	Charlotte Sharman
Dr. Charles Evans	Lisette Maloney	Walter Siegl
Dr. Kendra Evans	Carol Manthey	Stephanie Spohn
Joseph Furgal	Margaret Nazelli	Mohammed Wadud
Danielle Garshott	Peggy Nazelli	John Heidtke

Donations received were also crucial in making this event possible. The Detroit Section of the American Chemical Society wishes to thank the following organizations for their support:

American Chemical Society
Ash Stevens, Inc.
Little Caesar Enterprises, Inc.

Congratulations!

Annabel Lemke, 8th Grade, Smith Middle School, Detroit Local Section won 1st place, Grades 6-8 in the National Chemistry Week 2009 national ACS poster contest (theme: "Chemistry—It's Elemental!")!





CeRMACS 2010 Dayton
Chemistry: Reacting to Provide New Technologies
ACS CENTRAL REGIONAL MEETING
June 16-19, 2010
Dayton, Ohio

Small Chemical Businesses (SCHB) Division solicits your presentations for the CeRMACS 2010 symposium:

Small Business Innovations in the Chemical and Materials Industry “How Chemical and Material Small Businesses Survive and Prosper in the Business World”

- Small business owners and advisors will share their experiences and advice on starting and maintaining chemical / materials businesses.
- A half-day symposium and a half-day workshop program will be held, sponsored by the Division of Small Chemical Businesses.

The 2010 ACS Central Regional Meeting welcomes and invites you to submit an abstract for an oral or poster presentation (300 words maximum).

The deadline for general abstract submission is April 15, 2010. Please submit your abstract via the following website:
<http://abstracts.acs.org>.

For questions, please contact:

Organizer: Tobey Cordell, tcordell@utcdayton.com
Co-organizer: Nina Joshi, njoshi@ues.com

Chemistry for a Sustainable World at the San Francisco National Meeting

The Thematic Programming on *Chemistry for a Sustainable World* at the San Francisco ACS meeting in March will embrace the complete spectrum of ACS activities. The theme kick off features a Sunday afternoon plenary symposium of sustainability thought leaders from academics, industry, and government.

On Monday, March 22nd, we will celebrate the United Nations' World Water Day through a symposium on Global Water Sustainability. Other major thematic symposium topics will include Sustainable Energy, Green Chemistry, and Chemistry in the Developing World. The keynote address will be late Monday afternoon.

Major sub-themes embraced by multiple Divisions reflect the breadth of our members' interest in sustainability including Sustainable Energy, Sustainable Water, Sustainable Food, and Green Chemistry. The theme will extend to the Undergraduate Program with sessions on green jobs and solar fuel as well as to the High School Program for area teachers and to a Community event at the California Academy of Sciences on Saturday before the meeting starts.

The second offering in an Environmental Film Festival will feature the film, "One Water," and the Sustainability in Action symposium will highlight some of the many efforts throughout the ACS to become a more sustainable organization.

The CALL to action event will additionally allow members to engage issues of sustainability directly. All members are invited to participate in this multidimensional and timely theme.

For more information and updates, please visit www.acs.org/sanfran2010sustainability

Save the Dates for Green Chemistry: June 21-24!

The 14th Annual Green Chemistry & Engineering Conference returns to downtown Washington, DC on June 21-24, 2010. With the theme "Innovation and Application" and with one of the renowned founders of green chemistry, Dr. John Warner (President and CTO, Warner Babcock Institute for Green Chemistry) as the chair, this conference is shaping up to be one you won't want to miss! The tentative schedule for the week begins with a Student Workshop, Roundtable Meetings, and the Presidential Green Chemistry Challenge Awards Ceremony on Monday, June 21, followed by technical programming on June 22-24. Please visit the conference website, www.gcande.org, where more details will be posted as they become available.

Get Ready for CERMACS 2012

The year 2012 may seem light years away, but it's coming at the Detroit ACS section a lot faster than we think. Our section will be hosting the Central Regional Meeting (the CERM) in 2012, because that's the centennial of the section. Believe it or not, the Detroit Section of the ACS has been a presence for a full 100 years. And, believe it or not, we need to start planning for a great CERM right now.

Members, what sort of symposia do you want in our meeting? Of course, we can do the basics - general sessions on organic, inorganic, analytical, physical, and biochemistry. But what do we, the members, want to have? Are plastics still an area of interest for us, or is the field too flexible? What about an area within green chemistry, or isn't it growing anymore? Is the chemistry of water a hot topic, or is it too dry? Okay, okay. Sorry about that. We'll stop the bad puns if everyone will e-mail in a couple of ideas.

(Continued from page 12)

Seriously, we have chemists from large companies such as BASF, as well as plenty of other industrial concerns. We have government labs within our section. We have academic members from large universities such as Wayne State, all the way down to smaller colleges with only a few chemistry faculty members. With all that variety in the section, what areas of interest to the profession are of interest to you?

If you have attended recent regional meetings, you know that there are recurring symposia and interests in polymers, and that the chemistry involved in alternate energy sources has become hot of late. By all means, please tell us what you think.

A Second Call

It goes without saying that a regional ACS meeting is a rather large affair. That doesn't mean it has to be a difficult one though, at least not if many people are all willing to take small parts. Are you interested in taking a more active role? Think about it, since we still have some breathing space before the summer of 2012. We will need symposium heads, people to get the membership

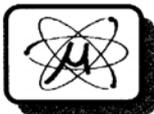
active, chairs of several committees, and a host of other positions filled. Don't be scared of the word, "volunteer." If our membership puts as much effort into this meeting as we have for numerous past events - the NCW days at Cranbrook Science Center and the work at the Detroit Taste Fest spring quickly to mind as examples - we'll be in great shape. Actually, if we put in that much effort, we'll probably make the centennial of the Detroit ACS Section a meeting to remember for years, if not decades.

So, do you have ideas, or a desire to help out with this event? If so, please let your section leadership know. It's time to get started.

For more information, please contact Mark Benvenuto:

benvenma@udmercy.edu .

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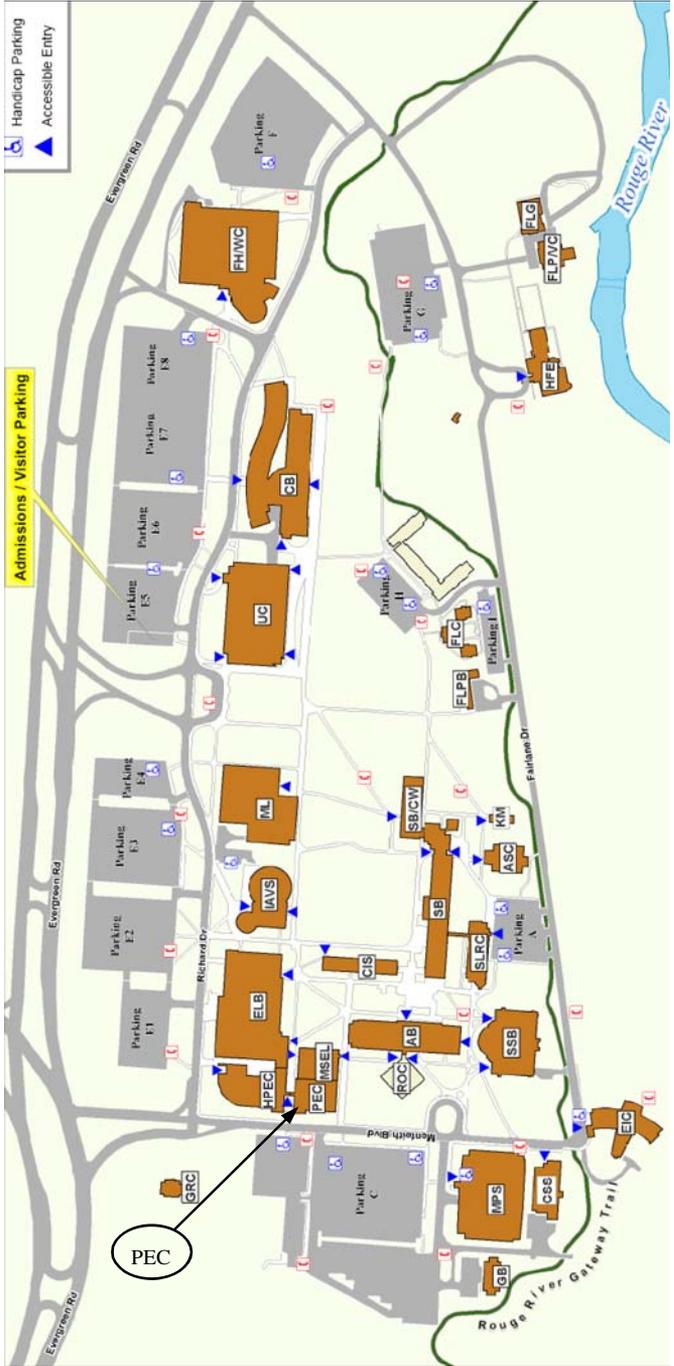
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<u>Index of Advertisers</u>	<u>Page</u>
CAS-MI Laboratories	14
Detroit Section, ACS	14
Micron Analytical Services	14
NuMega Resonance Labs	14

University of Michigan, Dearborn Campus Map



Calendar of Upcoming Events

February 17 The Art and Practice of Communication and Understanding, *see pages 1,2 & 15 for details*

March 22-25 ACS Spring National Meeting, *see page 12 for details*

May 26 Joint Annual Awards Meeting with CIC, *details to be announced*

June 16-19 CERMACS 2010, *see page 10 for details*

June 21-24 Green Chemistry Conference, *see page 11 for details*

May-June, 2012 Detroit Local Section Hosts CERMACS 2012, *see pages 12-13 for details*

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Table of Contents

Page

The Art and Practice of Communication and Understanding 1, 2 & 15

Section Election Results 2

2009 Midgley Award Announced 3

2010 Science Fair Judges Needed 3

2009 Project SEED Report 4-6

Chemistry Day at Belle Isle 7-8

NCW Winning Poster 9

Call for Abstracts: CERMACS 2010 10

Chemistry for a Sustainable World at the San Francisco National Meeting 11

Green Chemistry & Engineering Conference 12

Call for Volunteers: CERMACS 2012 12-13

Business Directory 14

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Attn: Dated Material