

AICHE-PITTSBURGH THE CATALYST

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Visit us on-line at:
www.aichepgh.org

FEBRUARY MEETING ANNOUNCEMENT

**Air and Waste Management Association (A&WMA), Allegheny Mountain Section And
American Institute of Chemical Engineers, Pittsburgh Section**

present

**Kathryn Klaber
President and Executive Director
Marcellus Shale Coalition**

Location and Time:

**Rock Bottom Restaurant and Brewery
171 East Bridge St., Homestead, PA 15120
Thursday, February 11, 2009, 5:00 - 8:00 p.m.**

Marcellus Shale development will pump \$14.17 billion into the state's economy in 2010 and create more than 98,000 jobs, while generating \$800 million in state and local tax revenues, according to an economic study completed by the Pennsylvania State University for the Marcellus Shale Committee and the Pennsylvania House Natural Gas Caucus. The newly named Marcellus Shale Coalition (MSC) (formerly the Marcellus Shale Committee) is establishing itself as an independent non-profit organization to represent the Marcellus natural gas industry in Pennsylvania. The Marcellus Shale Coalition is committed to the responsible development of natural gas from the Marcellus Shale geological formation in Pennsylvania and the enhancement of the Commonwealth's economy that can be realized by this clean-burning energy source. Join us for our annual dinner event as we hear from Kathryn Klaber, the newly named President and Executive Director of the MSC, about the issues, concerns, and forecasts for this emerging giant.

(continued on page 3)

UPCOMING EVENTS

February 5: Job Searching for Chemical Technicians (see page 7)

February 6: Job Searching for Chemical Professionals (see pages 3, 6)

February 19/20: Engineers' Week Celebration at Carnegie Science Center (see page 4)

March 4: Annual Students' Night and Awards Banquet at the University of Pittsburgh Student Union

**Please sign me up for the Pittsburgh
Section of AIChE**

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

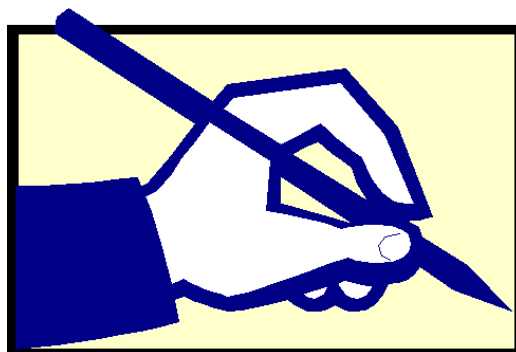
Business Phone _____

Residence Phone _____

Email _____

BECOME A MEMBER OF AIChE-PITTSBURGH!

Local Section dues are \$20/year. Contact Gary Hall: gary.hall@sauereisen.com



NEW MEMBERSHIP CHAIR: BOB WASILESKI

We are very happy to introduce Robert F. (Bob) Wasileski as our new membership Chair. Bob is the Sr. Process Safety Engineer at NOVA Chemicals, Inc. Based in Moon Township, PA, he works in the areas of process safety, risk management, and loss prevention engineering for the Olefins/Polyolefins business. Prior to joining NOVA in 2003, he worked as a Process Engineer at Neville Chemical Company for 8 years.



Bob graduated from the Pennsylvania State University in 1993 with a Bachelors degree in Chemical Engineering. He has been a member of the AIChE since 1993, a member of the CSE since 2003, and actively involved with AIChE's Center for Chemical Process Safety (CCPS). In recent years, he has published articles in both *Process Safety Progress* and *Chemical News*, and contributed to CCPS projects (*A Practical Approach to Hazard Identification* (pending 2010) and *LOPA Data* (pending 2010))

Bob's contact information appears on the last page of the Newsletter. Let him know if we need to update your information.

Welcome to the AIChE-Pittsburgh leadership Team, Bob! And thanks for volunteering your time and talents!

VOLUNTEERS NEEDED TO REVIEW RESUMES AT JOBS FAIR

"Job Searching for Chemical Professionals" which we, along with other local technical societies, are co-sponsoring, will take place at the University of Pittsburgh on February 6—see page 6 for details. Part of the program is a review/critique of resumes of job-seekers. We need volunteers to do the resume reviews, from 1 to about 3pm. Experience is not necessary!! If you can help, please contact Gary hall at gary.hall@sauereisen.com

FEBRUARY MEETING ANNOUNCEMENT

(FROM PAGE 1)

AGENDA

5:00-6:00	Cocktail Hour (cash bar) with Brewery Tours
6:00-7:00	Buffet Dinner
7:00-8:00	Presentation by Kathryn Klaber, President and Executive Director, Marcellus Shale Coalition

REGISTRATION

Fees: Members: \$45 Non-Members: \$55

Please Register by February 4, 2010

Registration for this Joint AIChE/A&WMA Event is being managed using the A&WMA AMS website Events Calendar. You can register for the dinner at the AMS website at www.ams-awma.org and clicking on EVENTS. Select the **Joint Dinner** from the Events Calendar and follow the prompts. Payment at the time of registration using PayPal is preferred, but you may also send a check or money order payable to A&WMA AMS to Natalie Durica at the address below. Indicate that the check is for the "Joint Dinner" and include attendee's name and AIChE member status. AIChE Members paying by check or money order should register as non-members, indicate "AIChE MEMBER" in the *Company* field and mail in the payment at the member rate. Payments must be received prior to the event!

For those AIChE members wishing to use the PayPal facility on the A&WMA AMS website, a guest organization validation number will be needed to obtain the member rate. That guest membership number is 7777777 (seven 7's). If you need further assistance to register online, please contact Randy York at ryork@se-env.com.

For any other registration questions, please contact:

Natalie Durica, Test America, 301 Alpha Drive, Pittsburgh, PA 15238
412/963-2433 (voice), natalie.durica@testamericainc.com

VOLUNTEERS ARE NEEDED FOR NATIONAL ENGINEERS WEEK

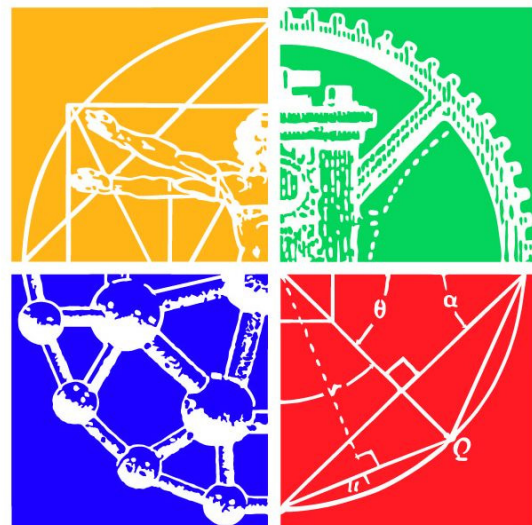
We are looking for volunteers for the AIChE booth at the National Engineers Week celebration at Carnegie Science Center. The event will be held on February 19 and 20th. Volunteers are needed for the following shifts:

- Friday 9:00 - 1:00, 1:00 - 5:00 or 9:00 - 5:00
- Saturday from 10:00 - 1:30, 1:30 - 5:00 or 10:00 - 5:00

Volunteers will receive a free t-shirt.

To volunteer or for more information, please contact Julia Johnson at 724-258-2776 or

Julia.A.Johnson@flexsys.com



**ENGINEERS
WEEK® 2010**
February 14 - 20

AIChE AWARD WINNER AT FUTURE CITIES



The annual Future Cities competition was held at Carnegie Music Hall in Oakland on January 17. The winner of the AIChE-sponsored award for "Most Creative Use of Recycled Materials" was Mary Queen of Apostles School of New Kensington—MQA also placed second in the overall competition. Congratulations!!

Posing in the photo with their project—and AIChE-Pittsburgh volunteer Jim Miller—are Mary Queen of Apostles students Abby Ceraso, Megan Hill, and Katelin Omecinski. Their teacher is Mrs. Lorraine Kuniak and their Engineer Mentor is Mr. James Musolino. Also volunteering at the event were LS members JoAnn Truchan and Carl Schwartz.

LETTER FROM THE CHAIR

BY PAUL BREZOVEC

Dear Local Section Members,

My congratulations to Carnegie Mellon University's Art Westerberg, Ignacio Grossmann, and Lorenz Biegler for their receipt of the Warren K. Lewis Award for Chemical Engineering Education, sponsored by ExxonMobil, during the AIChE Annual Meeting! As his student 31 years ago, Professor Westerberg's class involved project teamwork along with academic study.

Again this February, we are offering a career workshop that I can recommend to you for your participation. The instructions are practical, and anybody should be able to pick up pointers that could give an edge in job searching. If you sign-up to review the resumes, you can meet some very bright people who are currently seeking employment. This activity is the largest single user of your local dues, and I hope that you agree that it is money well spent.

Besides the support that your Section gives to helping in career changes, this is the time of year that shows our volunteer support to grade school students in the Future City Competition, as well as to high school students and to others for outreach during Engineers Week. The beginning of March will bring Student Night. Jim Miller (CMU), Gary Hall (Sauereisen) and Dale Keairns (Booz Allen Hamilton) are also working on planning the next successful Energy Symposium. So there are a lot of activities by your Local Section and ways for you to have a leadership role.

Paul Brezovec



Allison Giancola is a Youngstown State University chemical engineering student who worked at WCI Steel as part of YSU's co-operative education program. See story on page 8 for more information on internships and co-op opportunities at Youngstown State.





JOB SEARCHING FOR CHEMICAL PROFESSIONALS

Presented by

The Society for Analytical Chemists of Pittsburgh
The American Institute of Chemical Engineers, Pittsburgh Section
The American Chemical Society, Pittsburgh Section
The Spectroscopy Society of Pittsburgh

Saturday, February 6, 2010

ROOM A221/A224, LANGLEY HALL, UNIVERSITY OF PITTSBURGH
4249 Fifth Avenue (entrance on Tennyson Avenue near Bigelow Boulevard)

Lunch Provided - Parking Available at Soldiers and Sailors Parking Garage

Pre-Registration Required

PROGRAM

- | | |
|------------|---|
| 8:30 A.M. | Registration |
| 9:00 A.M. | Welcome and Introduction |
| 9:30 A.M. | MANAGING AN EFFECTIVE JOB SEARCH
Daniel J. Eustace, Ph.D.
Career Consultant, American Chemical Society |
| 12:10 P.M. | OVERVIEW OF THE LOCAL JOB MARKET
Joseph D. Jolson, Ph. D.
Career Consultant, American Chemical Society |
| 12:30 P.M. | Networking Lunch |
| 1:00 P.M. | Resume Review, Personal Consultation, and Job Fair |
| 4:00 P.M. | Close |

Bring your parking ticket for validation and your resume to participate in the afternoon program
(Undergraduates without a resume may participate in the afternoon group resume review)

Pre-Registration

Job Searching for Chemical Professionals Workshop
Send an email to Professor Toby Chapman

at:

tchapman@pitt.edu

Your pre-registration must be received by Monday, February 1, 2010 and include your full name and complete contact information including address, phone number, email address and whether or not you expect to participate in the resume review. Academic registrants - please include university affiliation and university department. Let us know when you expect to complete your B.S., M.S., Ph.D., post-doc, or other assignment.



JOB SEARCHING FOR CHEMICAL TECHNICIANS

Presented by

The Society for Analytical Chemists of Pittsburgh
The American Institute of Chemical Engineers, Pittsburgh Section
The American Chemical Society, Pittsburgh Section
The Spectroscopy Society of Pittsburgh

Friday, February 5, 2010

Pre-Registration Required

HARBOR GARDENS, STUDENT SERVICES AREA CONFERENCE ROOMS
Bidwell Training Center, 1650 Metropolitan Street, Pittsburgh, PA 15233
412-323-4000

FREE ON STREET PARKING IS AVAILABLE

PROGRAM

- | | |
|------------|--|
| 8:30 A.M. | Registration |
| 9:00 A.M. | MANAGING AN EFFECTIVE JOB SEARCH

Daniel J. Eustace, Ph. D.
Career Consultant, American Chemical Society |
| 11:30 A.M. | OVERVIEW OF THE LOCAL JOB MARKET

Joseph D. Jolson, Ph. D.
Career Consultant, American Chemical Society |
| 12:00 Noon | CLOSE |

Registration

Job Searching for Chemical Technicians Workshop
Send an email to Iesha Griffin (412-323-4000 Ext. 165)

at:

igriffin@mcg-btc.org

Your email must include your full name, complete contact information including address, phone number and email address.

PROFESSIONAL PRACTICE PROGRAM AT YOUNGSTOWN STATE UNIVERSITY – CO-OP AND INTERNSHIP OPPORTUNITIES

The Professional Practice Program offers students opportunities to apply their formal classroom education to hands-on work experiences through internship and cooperative education (co-op) experiences for students to participate in based on their major course areas.

Internship Experiences

An Internship is a project-specific learning experience that usually lasts for one academic term. Internships are generally paid work experiences and are taken for academic credit. Students can work full-time or part-time in an internship while attending classes. They may also opt not to attend classes on a full-time or part-time basis during the internship semester.

Cooperative Education (Co-op) Experiences

There are three widely accepted forms of cooperative education:

- Alternating Co-op Program: Students alternate semesters between full-time school attendance and full-time employment until graduation.
- Parallel Co-op Program: Students continuously work part-time for an employer and attend school either full-time or part-time for the duration of their academic program.
- Combination Co-op: Students work full-time during the summer semester and part-time during the fall and/or spring semesters.

At Youngstown State University the primary colleges involved in the Professional Practice Program are the Williamson College of Business Administration (WBCA) and the College of Science, Technology, Engineering and Mathematics (STEM). Students from all degree programs may participate with the majority of the STEM students coming from Chemical Engineering, Civil & Environmental Engineering, Electrical & Computer Engineering, Industrial & Systems Engineering, Mechanical Engineering, Civil & Construction Engineering Technology, Electrical Engineering Technology, Mechanical Engineering Technology, Computer Science Information Systems, Computer Information Systems, and Information Technology.

Our Spring 2010 Interview Day will be held on Thursday, April 1, 2010 at YSU in the Chestnut Room of Kilcawley Center from 8:00 a.m. to 2:30 p.m. It is an excellent opportunity for your organization to interview YSU business, engineering and computer science majors and minors for consideration to fill your staffing needs. This year, we will offer interviewing schedules for full-time and part-time fieldwork, internships and co-ops for current students -- and full-time professional placement positions for our students graduating this past December 2009, May 2010 and August 2010.

To register for Interview Day, please complete and return a Registration Form (Available from any of the contacts listed) for each detailed Internship and/or professional Position Description by email to lmcascarelli@ysu.edu no later than the DEADLINE: Friday, March 19th Your DEADLINE to review student resumes AND "PRE-SELECT" the candidates you want on your schedule is Friday, March 12, 2010. NO RESUME PREVIEWS after the 12th.

On Interview Day, interviews will be scheduled every 30 minutes starting at 8:30 a.m. through 2:30 p.m. A continental breakfast will be available at 8:00 a.m. in the Chestnut Room. A lunch will be served at 11:45 a.m. through 12:45 p.m. in the Ohio Room. We hope that you will take this opportunity to network with members of our YSU faculty, staff and student escorts. If you have any questions regarding our Spring 2010 Interview Day, please contact Linda Cascarelli at 330.941.3660 or Gwenn Clark at 330.941.1405 or Dr. Marty Cala at 330.941.1746. For more information see our website at <http://www.ysu.edu/willamson/studentprograms.shtml#professional>.

AIChE-Pittsburgh Executive Committee 2009-2010

Chair

Paul Brezovec
(brezovec@ctc.com)
Concurrent Technologies Corp
814-269-2844

Vice-Chair and Program

Open

Secretary

Mariangela Peters
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412-777-4195

Treasurer (interim)

Dave Balister
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Counselors

Gary Hall
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Sauereisen, Inc
412-963-0303, x 236

Dady Dadyburjor
(dady.dadyburjor@mail.wvu.edu)
West Virginia University
304-293-9337

Past chair and Nominations

Chris Steffy (steffycd@lycos.com)
Industrial Energy Engineering
412-225-0254

Visit us on-line at:
www.aichepgh.org

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McAfee Award

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Young Professionals

David Missenda
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