

October 2009

UPCOMING MEETINGS

OCTOBER SOCIAL

DATE: Thursday, October 29, 2009

TOPIC: Plan activities for 2009/2010.

LOCATION: Brubaker's Pub
"New Location in Green"
3939 Massillon Road

Conveniently located for
Canton and Akron members
just off I77 at the
619/Massillon Road Exit

330-896-8803

PROGRAM: 6:00 Dinner

7:00 Tom Flynn (Akron Chair)
will review activities planned
for the upcoming year.

7:45 Social

Students Welcome

RSVP: Tom Flynn by
tiflynn@babcock.com
330-860-6630

NOVEMBER MEETING

62ND ACCESS HONORS & AWARDS BANQUET

DATE: Thursday, November 5, 2009

TOPIC: The Future of Robotics and
Automated Systems

SPEAKER: Sheila H. King
Senior Project Engineer
Rockwell Automation

LOCATION: Guy's Party Center
500 E Waterloo Rd.
Akron, OH

PROGRAM: 5:30 Cash Bar
6:30 Dinner and Program

Students Welcome

TICKETS: \$25.00

STUDENTS: \$15.00

RSVP: Anoop Krishen
Anoop.Krishen@ACCESSinc.org
330-535-8835

SEE ATTACHED FLYER

NOTE: After a long period of inactivity the Akron Section of AICHE is reviving its local activities. Please feel free to notify members and non-members of these meetings. All are invited to attend.

DECEMBER MEETING **JOINT ACS/AICHE SPOUSE AND** **FRIENDS BANQUET**

DATE: Thursday, December 10, 2009

TOPIC: "Jams and Preserves: From Field to Jars"

Toppings: Top Secret

SPEAKER: Alain Marec
Manager
Product Development
J. M Smucker Company
Orrville, OH

LOCATION: Tangier Restaurant
Akron, OH

RSVP: Reservation information will be provided in the November newsletter.

NEWS AND SPECIAL FEATURES

AKRON AICHE LAUNCHES NEW WEBSITE

The Akron Section of AIChE will be launching a new website in October. This website will be linked to AIChE's National site such that updates to the national site will automatically be incorporated into our local site web content. The Akron Section offered to be a beta tester for new website software being used by National. Look for the announcements for the formal launch in the November newsletter.

THE DR. STEPHANIE LOPINA MEMORIAL ENDOWED SCHOLARSHIP

The Dr. Stephanie Lopina Memorial Endowed Scholarship Fund was established in September of 2008 and will be funded with contributions from the friends of Stephanie Lopina. Stephanie was a well-liked and effective teacher, an accomplished researcher in biomaterials and controlled drug release, a strong promoter for undergraduate research.

The funds shall be held by The University of Akron Foundation and awarded to students selected by a scholarship committee that will include faculty members from the Department of Chemical and Biomolecular Engineering and Department of Biomedical Engineering.

Contributions are being sought at this time to establish the fund. Please contact Dr. Lu Kwan Ju, the Chair of the Chemical Engineering Department, to find out how to make your contribution.

(330) 972-5760 x7252

lukeju@uakron.edu

UA CHEM E CAR TEAM NEEDS CORPORATE SPONSORS

For the past two years Caterpillar has provided support (\$1500 each year) to support the University of Akron Chem E Car Design Team. Due to financial constraints they withdrew their sponsorship for the 2009/2010 school year. The Chemical Engineering Department is seeking corporate sponsors to fill the funding gap. All donations will be welcome. They are not seeking a direct replacement for Caterpillar...but if a local company would like to step up!

For Information Contact:

Kaye R. Bogue

Assistant Director of Development

College of Engineering

The University of Akron

kbogue@uakron.edu

330-972-8572

WESTERN RESERVE SCIENCE FAIR MENTOR PROGRAM

If you are interested in participating in a new program to mentor student participants in the Western Reserve Science Fair, we encourage you to review the information provided by Shiela King, Mentor Program Coordinator or contact her directly shking@ra.rockwell.com. Mentoring is a great way for us as professional to support the community and promote science and engineering to our youth.

FEATURE ARTICLE
CAREER DEVELOPMENT

How to Write a Perfect Cover Letter

Your cover letter has only one job. It is meant to entice the reader to open and read your resume. Sounds simple, but job seekers often stress as much over their cover letter as they do the resume. If this sounds like you, relax, there is a simple approach to cover letters that will streamline your application process and give you confidence every time you send out your resume. Just keep these three cover letter tips in mind and you'll never stress over writing them again.

1. Keep it short.

More often than not you'll send your cover letter via email or some other electronic system. Your reader won't be looking at a piece of paper, but at their computer screen. Ever notice how short your reading attention span is when you're reading text on your computer? That's why online articles are typically shorter than print articles. The same holds true for email messages. If you've got 60 messages in your inbox you don't have the patience for lengthy text. Now imagine you're a recruiter or resume screener and you must get through a couple hundred resumes in a day. If you want your cover letter read keep it short, concise and to the point.

2. Focus on qualifications.

Most job seekers freeze up when writing cover letter because they don't know what information recruiters want to see. The first person in an organization to read your resume is a recruiter or HR professional who acts as a screener. They are interested only in identifying candidates who match their set of qualifications. The better the match the higher the interest. Don't worry about explaining why you are interested in the position, the screener probably doesn't care. He/she only want to know if you qualify as a viable candidate. Use the job posting as a guide to know exactly what qualifications to mention in your cover letter.

3. Don't try to get fancy.

Job seekers get frustrated writing cover letters because they try to make it into a creative writing exercise. That's not necessary. It's much more important that you keep your ideas clear and easily understood. When writing about your qualifications do use the same verbiage to describe your skills as the job posting. You'll make the resume screener's work much easier and they will recognize you as a perfect candidate match much quicker.

Using this simple approach will allow you to take a customized approach with each cover letter you send. Generic cover letters usually sound canned no matter how much time was spent writing them. Worse, a one-size-fits all cover letter looks like it was borrowed off the page of a sample cover letter book. Would you take the time to read a mass-produced letter?

I'm often asked if cover letters are still relevant in today's fast-paced job market. While the form has changed from paper to electronic they are still a vital part of your job-search marketing materials. Cover letters provide your first opportunity to make a good impression on your potential new employer. It pays to write them with clarity and simplicity.

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Submitted by **Deborah Walker, CCMC.**

Deborah is a career coach helping job seekers compete in the toughest job markets. Her clients gain top performing skills in resume writing, interview preparation and salary negotiation.

Deborah Walker, Career Coach  
[Deb@AlphaAdvantage.com](mailto:Deb@AlphaAdvantage.com)  
888-828-0814

Read more career tips at:

<http://www.AlphaAdvantage.com>

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NATIONAL AICHE OFFERS SUPPORT FOR EMPLOYMENT SEARCHES

Please see the newsletter below from National that lists the services provided by AIChE that support employment searches.

UNIVERSITY OF AKRON DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING NEWSLETTER

The University of Akron Department of Chemical and Biomolecular Engineering publishes a newsletter for students, faculty, alumni and friends of the department. If you would like to be included on distribution for the newsletter, contact Marcia Main at main1@uakron.edu. The department's website is <http://chemical.uakron.edu>.

JOB POSTINGS

The following opportunities have been provide to Akron AIChE.

Each opportunity is presented in detail in the following pages. (NOTE: Some descriptions are more detailed than others, so scroll down to the opportunity of interest.)

New This Month

Fermentation Specialist

- 3+ years experience, biotech or fermentation experience strongly desired; a specialty (degree) in biological sciences or chemical engineering (biochemistry is a plus); interest in the Mid-Ohio Valley area; A candidate with commercial application of biology would be ideal, preferably from these industries/companies: ethanol, food and beverage, brewing, yeast, enzymes, Nestle, Hershey, Kraft, etc. For a typical 2 week period, the primary role is the setting, operation, turn around of fermentation equipment, followed by data acquisition, analysis, and reporting. The salary will likely pay in the \$50's or \$60's, slightly more for an

ideal candidate. Great healthcare & retirement benefits & a tight-knit group accompany this wonderful opportunity.

Regards,

Michael A. Klass
Principal Recruiter
Superior Search Group LLC
phone 732.566.8500
email mk@superiorsearchllc.com
<http://www.linkedin.com/in/michaelaklass>

Petroleum Engineering Opportunities

Production Engineer

Sr. Staff Reservoir Engineer

Production Engineer

Senior Production Engineer

Staff Reservoir Engineer

Senior Reservoir Simulation Enhanced
Recovery Engineer

Junior Reservoir Simulation Enhanced
Recovery Engineer



Production Engineer
CRT0746.doc



Junior Reservoir Simulation Enhanced
Staff Reservoir Engineer CRT0749.c



Sr. Staff Reservoir
Engineer CRT0745.c



Senior Reservoir Simulation Enhanced
Senior Production Engineer CRT0747.c



Production
Engineer---GOM JIU

Contact:

Bob Turner, Ed. D., President
North American Recruiting and Consulting
826 Ashford Court
Tyler, Texas 75703
Main Line: 903-561-6928
Mobile Line: 903-618-0066
E-mail: bob.turner@narecruiting.net
Web Site: www.narecruiting.net

Previous Job Postings

The list has been purged to start a new cycle.

Each opportunity is presented in detail in the pages that follow the schedule of meetings and

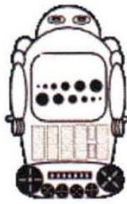
list of officers. (NOTE: Some descriptions are more detailed than others, so scroll down to the opportunity of interest.)



62nd Annual ACCESS

HONORS & AWARDS BANQUET

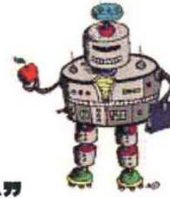
THURSDAY, NOVEMBER 5, 2009
Guy's Party Center, 500 E Waterloo Rd, Akron



Sheila H King

Senior Project Engineer
Rockwell Automation

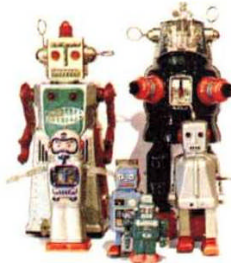
**"The Future of Robotics
and Automated Systems"**



Honorary Banquet Chair

Mr Tim Stedman

Global Sales Manager
ExxonMobil Chemical Company



Distinguished Award of Council

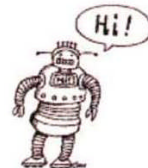
Mr Clark Reed

Chief Technologist
Lockheed Martin Corporation

Recognition of the
Best Science/Math Students in Summit County

Cash Bar: 5:30 PM
Dinner: 6:30 PM
Tickets: \$25.00
Students: \$15.00

Please reserve and prepay!
Purchase tickets by October 23, 2009
Make checks payable to: ACCESS
Contact ACCESS at (330)535-8835 or
Anoop.Krishen@ACCESSinc.org



ACCESS, PO Box 2993, Akron, OH 44309-2993



Western Reserve District Science Day

University of Akron

Science Fair Mentor Program

The Mentor Program will energize the local science fair by pairing students with the very best advocates of science; those that practice it everyday.



Program Overview

The Science Fair Mentor Program is intended to achieve breakthrough participation by providing mentorship for all interested students.

Students with access to mentors who encourage their participation and guide their research benefit the most from Science Fairs. They find projects that are more innovative and interesting, they learn more about the subject matter, and their experiments, analysis, and presentation are more rigorous. In short, they learn more and have more fun than students without technical mentors.

Science professionals can share insight and knowledge to assist students to select, design, and conduct high quality science fair projects. They can help the student clear research hurdles and share their enthusiasm for the project and subject matter. They can help students understand what it all means.

With a small commitment of phone calls and emails, a science mentor can turn a project into a life molding experience or simply an opportunity to learn more about science. Students can see the real world application of science and learn about careers in science and technology.

Acting together, the science community can transform the science fair into a thriving and fascinating competition for all students.

As a Mentor, what will you be asked to do?

• Sign Up. (Now)

Email mentor information form. (Included or download form from: <http://sites.google.com/site/wrscienceday>) to: sheilaking2@gmail.com

• Recruit Your Peers (Also, now)

Tell your peers about the program. We will need many science professionals to volunteer.

• Contact Student Assigned to You

(In October/ November)

Although this is a District (5 county) program, you will be assigned a student in your local community. First contact with student is best as phone call. (See Mentor Involvement Detail)

• Continue Email Contact with Student

(November, December, and January)

Contact your student every couple weeks to keep track of the progress and to encourage and assist.

• **Meet Student at the Science Fair**

(Usually January or February)

If it is possible, make arrangements to meet the student at the local science fair.

Mentor Involvement Detail

- When you are assigned a student, you will receive:
 - A copy of the student's mentor application. It will include their area of interest, proposed experiment, and data collection plan.
 - A program information, rules, and suggestions sheet.
 - A program evaluation form.
- When you first contact the student (a phone call is recommended), get an understanding of the student's interest, and what excites the student about their proposed project.
- Assure the experiment is a reasonable; is safe, will result in an excellent educational experience for the student, and remain interesting through the project duration.
- Supply any safety information, a few insights into the science background, and some interesting tidbit that that will excite the student about the project.
- At a later time it is very important to review the student's data handling for the project. Help the student understand how the data tells the story of the project and how to best organize the data to support the results.
- After the science fair, please send us your feedback on what worked and what didn't, and any recommendations or lessons learned.

Contact Information:

Sheila King

Mentor Program Coordinator, Western Reserve District 5 Science Day

sheilaking2@gmail.com

330-926-6288

Dr. Ali Dhinojwala

Director, Western Reserve District 5 Science Day

The University of Akron

Akron, OH 44325-3909

ali4@uakron.edu

Jacqui Clark

Assistant Director, Western Reserve District 5 Science Day

The University of Akron

Goodyear Polymer Center

Akron, OH 44325-3909

scienceday@uakron.edu

AIChE®

At All Times, AIChE is Your Safety Net



We know this economy is tough and we're here to support you, whether you are unemployed or worried about facing unemployment. AIChE values you as a member of the ChemE community and we are here to serve you now, as always.

First of all, this year we are offering the AIChE membership guarantee: Renew, or Join for 2010 and, if you lose your job we'll refund the balance of your dues PLUS keep your membership active for the balance of the year. Contact www.aiche.org/JoinNow/ or call a Customer Representative at 1.800.242.4363 (1.203.702.7660).

Lately, AIChE has added many new programs, products and services to help your career. These should help you stay connected and keep you professionally on track.

Here are some [Career Support and Resources](#) exclusively for AIChE members:

- **CareerToolsPLUS!** AIChE members have exclusive access to personalized services and coaching, and online resources to help you find a new job, including resume prep and interview training, professional engineering content, and a corporate research database.
- **CareerEngineer** is AIChE's job board focused exclusively on Chemical and ChemE jobs. AIChE members' resumes are placed at the top of their selected fields.
- Our **Salary Center** allows you to compute your professional worth or get a sound basis to negotiate your new job offer relying on the Salary Wizard. Get national average ChemE salaries in AIChE's August 2009 issue of Chemical Engineer Progress (CEP) Salary Survey.
- **CEP** contains business news, career management advice, and insight on technical issues. September's issue features Career Catalyst series, guiding you to create a career plan.
- **Career Fairs** — both onsite and online Career Fairs held in 2009. Free to AIChE Members.
- **SmartBrief** — AIChE's weekly newsletter brings you news that matters to ChemEs from hundreds of top news sources.
- Our new **ChemE on Demand** provides live and on demand webcasts covering career management topics, as well as technical content.
- **AIChE Courses on CD** — Use your AIChE member discount and order essential self-study CD-ROMS on the fundamentals of chemical engineering, and distillation and fluid mixing technologies. This is your chance to learn new skills or revitalize existing ones.

More opportunities abound for networking through our social media, or [Member Center](#), and live at our many meetings and conferences.

You see, whether employed or in transition, AIChE membership is your professional and technical training support and safety net at every stage of your career.

Now is the time to connect with the premier ChemE and Chemical professional communities through AIChE membership. [Let me know](#) how can we make AIChE *your* professional home.



June Wispelwey
Executive Director [Join Today!](#)

LOCAL SECTION SCHEDULE FOR 2008/2009

DATE	TOPIC	LOCATION	SPEAKER
October 29, 2009	AICHE Social	Brubaker's Pub	Tom Flynn
November 5, 2009	ACCESS Banquet	Guys's Party Center	Robotics – Sheila H. King
December 10, 2009	Joint ACS/AICHE Meeting	Tangiers	Jams – Alain Marec
January, 2010	Hazard Control Technology (Professional Continuing Education Hour)	TBD	Thomas Price
February 18, 2010	Engineers Week Banquet	Emidio's Banquet Center	TBD
March 2010	PPG Plant Tour	PPG - Barberton	TBD
April 2010	Student Night	University of Akron	Tour of Student Projects
May 2010	Akron Aeros Night	Canal Park	

AICHE LOCAL SECTION EXECUTIVE COMMITTEE

Position	Name	Phone	E-mail
Chair	Tom Flynn	(330) 860-6929	<i>tjflynn@babcock.com</i>
Vice-Chair	Vacant		
Secretary	Vacant		
Treasurer	Ann Corey	(330) 860-2370	<i>amcorey@babcock.com</i>
Government Interaction	Vacant		
E-week Representative	Bartev Sakadjian	(330) 860-6404	<i>bbsakadjian@babcock.com</i>
Public Relations	Vacant		
Membership & Awards	Vacant		
Newsletter/Webmaster	Vacant		
ACCESS Representative	Joe Feil	(330) 796-6613	<i>jnfeil@aol.com</i>
ACCESS Representative	Walt Ruthenburg	(330) 796-7385	<i>wruthenburg@usa.net</i>

AIChE Web Sites

Local: A new website is being developed.

National: <http://www.aiche.org>