

# The Award Winning Catalyst

Pittsburgh Section - American Institute of Chemical Engineers



Volume 15 Issue 7

www.lm.com/~aiche/

April 2001

## April Meeting Notice

**Event:** PLANT TOUR

**Where:** TOUR  
Wheeling-Nisshin, Inc.  
Follansbee, WV 26037

**DINNER FOLLOWING**  
The Anchor Room  
Follansbee, WV 26037

**When:** Wednesday, April 18<sup>th</sup>, 2001

**Time:** Plant Tour ~ 5:30 P.M.  
Dinner ~ Immediately Following

**Cost:** Marinated Sirloin \$20.00  
Fresh Salmon Filet \$20.00  
Vegetarian Stir Fry \$15.00

**Menu:** Marinated Sirloin- Sliced Sirloin Marinated in Garlic and Oil, over Wild Rice

Fresh Salmon filet- Broiled in White Wine and Butter with Fresh Lemon

Vegetarian Stir Fry - Lou's own Stir Fry of Fresh Vegetables over rice with Teriyaki Sauce

Entrees served with red skin potatoes and vegetables along with fresh homemade soup, salad bar, homemade bread and whipped butter, desert, and beverage.

**RSVP NO LATER THAN APRIL 11<sup>TH</sup>, 2001 TO  
PLEASE PAY AT DOOR**

Mr. Michael Flaherty, Vice Chair  
WSP Chemicals & Technology Inc.  
Tel 724-266-7688 ~ Fax 724-266-7683  
Email Michaelp871@hotmail.com

Name \_\_\_\_\_  
Menu Selection \_\_\_\_\_  
Email \_\_\_\_\_  
Phone \_\_\_\_\_

**CANCELLATIONS:** If you must cancel your meeting reservation, please do so no later than 24 hours prior to the meeting. If you do not provide a cancellation notice, you will be invoiced for the cost of your meal.

## EVENING'S TOPIC

Established in 1986, Wheeling-Nisshin, Inc. is an international joint venture between Nisshin Steel Co., Ltd. of Japan, a leading Japanese integrated steelmaker specializing in coated and stainless steel, and Wheeling Pittsburgh Steel Corporation, one of the leading American steel mills.

In Follansbee, West Virginia, ground was broken on December 13, 1986, for the construction of the first hot-dip Aluminizing and Galvanizing Line (AGL). And, in April 1988, Wheeling-Nisshin started to operate its AGL, which is the country's first fully computerized, state-of-the-art steel-coating facility.

Wheeling-Nisshin completed a further advanced Continuous Galvanizing Line (CGL) in 1993 in addition to the AGL. This allows the company to broaden its product selection and increase output. CGL is the nation's first high speed, hot-dip line specializing in light-gauge coated products.

Wheeling-Nisshin has now become one of the largest hot-dip coating mills, producing 750,000 tons a year of quality products: AGL-400,000 tons; CGL-300,000 tons. Its products are used for various automotive, appliance, building and construction applications.

It is Wheeling-Nisshin's goal to produce coated steel products with maximum efficiency and continuous quality control, to provide superior service to our customers, to create a pleasant and productive workplace for our employees, and to stimulate the economy, while protecting the environment of the surrounding communities.

## DIRECTIONS

Take US-22 WEST/US-30 WEST towards Weirton. Stay on US-22 West. US-22 W becomes US-22 W/WV-2 S. Take the WV-2 SOUTH exit towards FOLLANSBEE/WHEELING. Drive past Wheeling-Pittsburgh Steel Coke Plant into the City of Follansbee. Wheeling Nisshin is on the Right hand side set behind the corner of Penn and Main Street. Enter at the guard's gate.

*Construction bypass:* Take 22-30 through Weirton (4 lane highway). Continue on 22 across the Ohio River. Take Ohio Rt. 7 South Exit and head into Steubenville. At the intersection with Washington St. (Rt. 43), turn right. One block in, turn left onto 3rd Street (Post Office will be on the left). Turn left onto Market St. and cross the bridge into West Virginia. Turn right onto Rt. 2 South and follow it into Follansbee. See above.

## Letter from the Editor

### NOTE FROM THE EDITOR

Dear Members,

Spring has arrived, the perfect time of year for a plant tour. Please join us in Follansbee, WV for a tour of the impressive Wheeling-Nisshin site.

*You can now be an AIChE Pittsburgh Chapter Monthly Meeting Sponsor too.* With your sponsorship of \$200 you will be invited to display your company information at our meeting and will receive a ¼ page add (\$95 value) in the following Newsletter. We would appreciate your support! Please contact me for further information.

Thank you to Dr. Edward Strimlan for a very informative presentation on forensic science. The time you spent with us at our March meeting is appreciated.

To defray some of the extra costs associated with hosting the McAfee Award Dinner, the local section of the AIChE is soliciting corporate sponsorships. Please review the Announcements Column for details on how you can be a corporate sponsor.

Best regards,

**PEGGY PANAGOPOULOS**  
AIChE Newsletter Editor  
ChemTech Consultants, Inc.

## Membership Corner

### LETTER FROM OUR MEMBERSHIP CHAIR

It's that time of year again! Time to renew your membership in both national AIChE and the local section. This is just a reminder to please pay your dues promptly. Not only do you get the many benefits that the national organization offers, but you also help support our local section and its various activities.

As a reminder, the dues structure is as follows:

Member	\$70	Graduated 1998 to Present
	\$104	Graduated 1995-1997
	\$139	Graduated before 1995

Unemployed Members	Dues waived for a maximum of two years
Graduate Students	\$28 (20% of full dues)
Age 65 in 2000	\$70 (50% reduction—must qualify for full retirement benefits as defined by Social Security Administration)
Emeritus	\$35 (For those over 65 with 35 years of paid membership)
Family Plan	Higher dues member pays full dues. Lower paying member pays 50% of full dues.
Military/Peace Corps	Dues waived (maximum of two years)
Family Situation	\$35 Unemployed/employed part-time staying at home to provide care-giving responsibilities
Disability	Waived—must provide proof and have had at least 10 years of paid membership
Life Membership	\$1,390—covers dues for remainder of life
Undergraduate Student	\$20—Gold Membership (Web-enhanced) \$10—Silver Membership

Members can also access the AIChE on-line member directory to review and correct their personal and professional data. Check it out at [www.aiche.org](http://www.aiche.org). And don't forget to send corrections to me as well — [nhirko@air-comp.com](mailto:nhirko@air-comp.com)!

### Please sign me up for the local Pittsburgh Section of AIChE

Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Business \_\_\_\_\_ Residence \_\_\_\_\_  
 Email \_\_\_\_\_

Annual Dues are \$16.00. Make check payable to "AIChE Pittsburgh Section" and send to our Treasurer: John Hauser, PROSAF, Inc. 103 Yorktown Road, McMurray, PA 15317

### Engineering Humor

We are taking a break from poking fun at ourselves this month.

These are from a book called Disorder in the Court. They are things people actually said in court, word for word, taken down and now published by court reporters - who had the torment of staying calm while these exchanges were actually taking place. Some of these are excellent - don't miss the last one.

Q: What is your date of birth?

A: July fifteenth.

Q: What year?

A: Every year.

Q: What gear were you in at the moment of the impact?

A: Gucci sweats and Reeboks.

Q: This myasthenia gravis, does it affect your memory at all?

A: Yes.

Q: And in what ways does it affect your memory?

A: I forget.

Q: You forget. Can you give us an example of something that you've forgotten?

Q: How old is your son, the one living with you?

A: Thirty-eight or thirty-five, I can't remember which.

Q: How long has he lived with you?

A: Forty-five years.

Q: What was the first thing your husband said to you when he woke up that morning?

A: He said, "Where am I, Cathy?"

Q: And why did that upset you?

A: My name is Susan.

Q: Do you know if your daughter has ever been involved in voodoo or the occult?

A: We both do.

Q: Voodoo?

A: We do.

Q: You do?

A: Yes, voodoo.

Q: Now doctor, isn't it true that when a person dies in his sleep, he doesn't know about it until the next morning?

Q: The youngest son, the twenty-year old, how old is he?

Q: Were you present when your picture was taken?

Q: So the date of conception (of the baby) was August 8th?

A: Yes.

Q: And what were you doing at that time?

### Hot News

GOOD CHEMISTRY

Such companies as *Ashland Specialty Chemical, Aristech Chemical, Bayer Corp., Calgon Carbon Corp., Neville Chemical, NOVA Chemicals and PPG Industries* employ more than **8,500 people** in the Pittsburgh community.

Their products run the gamut from printing inks and polymers to pharmaceuticals and paints and coatings. They invest in products that make our lives better, healthier and safer to the tune of \$1.1 billion dollars a year. These companies are the source of good jobs in our community. The average starting salary for a chemist is \$41,000. For a chemical engineer it is \$48,500.

These companies are good neighbors, giving back roughly \$3.4 million to the community in the form of foundations, endowments, scholarships and other giving programs.

PPG and other local companies are having a kick off this month in cooperation with the American Chemistry Council. During the next few months a number of Pittsburgh chemistry companies will spread the word about how our products make life better, healthier and safer. Our products really do touch people's lives, here in Western Pennsylvania and throughout the world. We're talking about "Good Chemistry" that makes so many things in our lives possible.

In the coming weeks and months you will see and hear more about the business of chemistry - about what we do as companies and how we benefit society. In Pittsburgh, some firms will participate in community-wide events such as a 5K run and walk (Sunday, April 29, Earth Day) and other fun and interesting activities for you and your family. Sponsoring companies on May 6 will help support "Good Chemistry Day" at PNC Park. Families will be invited to come to the baseball game that day to celebrate all of the local chemistry products that went into building this exciting new facility. Later in May Pittsburgh's chemistry companies will hold a "Good Chemistry Evening" at the Carnegie Science Center. This free family event will give you an opportunity to tour the Center, enjoy refreshments and see "Good Chemistry" in action.

Why do this? We often do not fully realize the effects and influences of our work and our industry. But, without us many products we take for granted would not be possible. That in itself may be a sign of just how important chemistry is - it's so woven into the fabric of our everyday lives that we don't notice it's there.

You'll also notice radio, print and billboard advertising about "Good Chemistry" from the American Chemistry Council. Our industry is stepping up its communication efforts so the general public will better understand who we are, what we do, and why it matters. We encourage you to do the same within your family, your circle of friends and in our community at large.

Here is some info you might want to consider:

- 5K walk and run - Sunday, April 29 (Earth Day), You can register for the GOOD CHEMISTRY Earth Day 5K Race/Walk on line
  - a Go to Neville Chemical Company's website: [www.nevchem.com](http://www.nevchem.com)
  - b Click on the first "Neville Headline" article and it will take you to an online entry form!

Calgon Carbon, Neville Chemical, PPG Industries and NOVA Chemicals are sponsoring this event in cooperation with the American Chemistry Council. If individuals work for these companies--look for brochures to be distributed soon! Of course, the race is open to the public. (Please note, that Bayer is not part of this particular event as they are holding their own Earth Day event--however, they are involved in everything else.

### Positions Available

The US Department of Energy's National Energy Technology Laboratory (NETL) is seeking seven engineers/scientists to conduct specialized research at our onsite research and development laboratories. There is also an opening for a Supervisory General Engineer. The laboratories are located in Pittsburgh, PA or Morgantown, WV. Applicants must be US citizens to apply.

For application and qualification procedures, please visit the NETL website at [www.netl.doe.gov](http://www.netl.doe.gov) and click on **career ops** then **vacancy announcements**. The announcement numbers for these positions are NETL-01-05, NETL-01-06, NETL-01-07, NETL-01-12, NETL-01-13, NETL-01-14, NETL-01-19, and NETL-01-20. This website will also let you know of other career opportunities available at NETL.

The closing date for the Supervisory General Engineer position is April 2, 2001. The closing date for the seven research positions is April 20, 2001.

### Chapter Announcements

#### SOLICITING CORPORATE SPONSORSHIPS FOR MCAFEE AWARD BANQUET

To defray some of the extra costs associated with hosting the McAfee Award Dinner, the local section of the AIChE is soliciting corporate sponsorships. This sponsorship of \$520 will include eight (8) tickets to this prestigious event being held at the Fox Chapel Golf Club and company recognition in the evening's program. This is an excellent way to show your customers appreciation for their business or employees for their hard work.

If you are interested in being a sponsor, please contact:

Peggy Panagopoulos  
ChemTech Consultants  
TEL: 412-220-4612  
FAX: 412-221-5685  
[pegpana@chemtech88.com](mailto:pegpana@chemtech88.com)  
Your participation will be greatly appreciated.

#### AICHE'S PROFESSIONAL & TECHNICAL TRAINING

AICHE's Professional & Technical Training is coming to Houston April 23 through the 27. Because each of the AIChE courses is designed to provide you with immediate solutions to on-the-job problems, you have the very real opportunity to give your career a boost.

Please take a moment to view all of the courses we're providing in Houston. You may see the listing at <http://www.aiche.org/education>. I would like to point out that the Institute now has expanded course offerings in Professional Development This is in direct response to the requests of other practicing chemical engineers.

Please don't delay. Space is limited and I am anxious for you learn practical solutions to the problems you face everyday. What's more, you will have the opportunity to explore new areas of interest and network with other engineering professionals.

For more information, or to register for AIChE Professional and Technical Training courses in Houston, please call 1-800-242-4363, or log on to <http://www.aiche.org/education>.

#### AICHE'S 53<sup>RD</sup> CAREER FAIR

AIChE's 53rd Career Fair being held in conjunction with the Institute's Spring Meeting in Houston, April 23rd & 24th.

As someone who may wish to explore employment opportunities, you'll be able to take advantage of onsite interviews, career-related workshops, and plenty of networking opportunities. Even if you are unable to attend the Career Fair in person, we still encourage you to participate by submitting your resume. For more details and to submit your resume please visit <http://www.aiche.org/careerservices/jobs/carfair.htm>.

#### Recent Addition

AIChE members can submit their credentials to the Resume Center, a resume database accessible year-round to hiring employers. This service is located in the member-only online community at <http://www.alumniconnections.com/olc/pub/CHM>. Click through to the Career Center to add your credentials. Please note this database is separate from the Career Fair resume database that is available only to employers registered for the fair.

Visit our career services homepage at <http://www.aiche.org/careerservices> to see a full list of offerings.

#### INTERESTED IN HOSTING AN AICHE MEETING AT YOUR COMPANY?

We are in search of hosts for our future AIChE monthly meetings. The Chapter is looking for companies that can provide AIChE members with an interesting, informative, and beneficial agenda. If your company would be interested in hosting a meeting please contact me.

Also, if you have a topic or an idea that you would like to see presented at a monthly meeting, please feel free to contact me and we can discuss your idea.

Mr. Michael Flaherty, Vice Chair  
Zinc Corporation of America  
TEL 724-773-9056  
FAX 724-773-9030  
EMAIL [michaelp871@hotmail.com](mailto:michaelp871@hotmail.com)

**Advertisements**

#### Interested in Placing an Ad in Future Newsletters?

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Three (3) consecutive ads - 10% off

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To place an ad, please contact - Peggy Panagopoulos  
ChemTech Consultants, Inc.  
1370 Washington Pike, 4<sup>th</sup> Floor  
Bridgeville, PA 15017  
TEL 412-220-4612 ~ FAX 412-221-5685 ~ Email  
[pegpana@chemtech88.com](mailto:pegpana@chemtech88.com)

#### Newsletter Deadline

**The deadline for the May Newsletter is April 19<sup>th</sup>, 2001.**  
**Submit information to: Peggy Panagopoulos ~**  
**[pegpana@chemtech88.com](mailto:pegpana@chemtech88.com)**

Challenge:  
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**Good Chemistry Earth Day 5K  
 Run/Walk on Neville Island**

Area companies involved in the business of chemistry, in conjunction with the American Chemistry Council, are sponsoring a 5K Run/Walk in honor of Earth Day.

The event is taking place at the Island Sports Center on Neville Island on Earth Day, April 22, 2001, beginning at 9 am.

For an entry form or more information, call the race director, Mark Lutz (412) 777-4236 or sign up for the event online at [www.nevchem.com](http://www.nevchem.com).



The American Chemistry

Council represents the leading companies engaged in the business of chemistry. Council members apply the science of chemistry to make innovative products and services that make people's lives better, healthier and safer. The Council is committed to improved environmental, health and safety performance through Responsible Care, common sense advocacy designed to address major public policy issues, and health and environmental research and product testing. The business of chemistry is a \$435 billion enterprise and a key element of the nation's economy. It is the nation's largest exporter, accounting for ten cents out of every dollar in U.S. exports. Chemistry companies invest more in research and development than any other business sector. The American Chemistry Council is located at 1300 Wilson Boulevard in Arlington, Va., and can be reached by phone at 703-741-5000

**AICHe Pittsburgh  
Section 1999-2000 Officers**

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**Committee Chairs**

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Scholarship                      Sam Vance

**Web Master**

Richard Dupree ([rd@telerama.com](mailto:rd@telerama.com))  
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***Catalyst***

American Institute of Chemical Engineers  
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Pittsburgh, PA 15222-2097

ADDRESS CORRECTION REQUESTED

**May Meeting: McAfee Awards Dinner, May 16<sup>th</sup>, 2001  
Fox Chapel Golf Club**

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