



Joint Central/ NE Iowa Sections Event Tour PMX Industries, Cedar Rapids Wednesday, May 12, 2004

5:00 PM Tour of PMX

Participants Eligible for 1 PDH !

6:30 PM Dinner

Bishop's at Westdale Mall

Cost: \$ 7.23 + Tax (Pay at Buffet)
All you can eat for one price!

Register: Sign up by noon, April 28th, at:
www.asme.org/sections/centraliowa
Reservations required by this date!

Chair: Sarkis Koltookian

----- See Page 2 for Details and Directions -----

In Memoriam

A tragic auto accident took the life of Beverly M. Wandling on April 8, 2004. Bev was well-known in the Ames community, serving in leadership for numerous professional and charitable organizations, as well as office manager and accountant for Wandling Engineering, P.C. The same accident took the lives of her mother and aunt of Waterloo. Bev is survived by her husband, Don; three sons, George, Cory, and David; and 17 grandchildren. Memorials may be directed to Youth and Shelter Services of Ames.

Chairman's Corner

Sometimes, our hearts are full and words are hard to write. This is one of those times, as we reflect on the recent tragic losses in the Wandling family. (Refer to "In Memoriam"). George will be 2004-5 Chair, and Don is a long-time CIS member who was slated to speak for our April 13th meeting. Please remember the Wandling family in your thoughts and prayers at this difficult time.

Our April 13th Ames meeting was a great success, with 35 attending. Dr. Dayal made an excellent presentation on finite element modeling and analysis. Dr. Mischke wowed the crowd with his talk on "Some Things We Engineers Do Better". Thanks to our co-chairs, Max Gassman and George Wandling for an excellent job.

Don't miss the opportunity to sign up early for our May 12th tour of PMX Industries in Cedar Rapids. This promises to be an outstanding tour of one of the premier copper manufacturing plants in the world!

Kudos to Dr. Francine Battaglia, ISU Student Section Advisor and CIS Webmaster for being Outstanding Student Advisor for ASME Region VII. She is now competing for international Student Advisor Award!

As the 2003-4 year draws to a close, I want to thank you for the opportunity to serve as CIS Chairman. Also, I want to thank our fine board for their hard work and contributions to a very successful year! Our 2003-4 officers were George Wandling, Dave Glessner, Jason Werning, Francine Battaglia, and Max Gassman.

Have a great summer, and God's Blessings to all of you!

Steve Ephraim, 2003-4 Section Chair

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Congratulations to Our New 2004-5 Officers!

Chair:	George Wandling, Ames
Vice-Chair:	Dave Glessner, Waterloo
Newsletter/ Sec'y:	Ray Micheel, Marshalltown
Treasurer:	Ashlee Klingaman, Waterloo
Honors & Awards:	Dale Miller, Cedar Falls
Member Interests:	Lesley Gustafson, Waterloo
Webmaster:	Francine Battaglia, Ames
Continuing Ed:	Max Gassman, Ames

Please give them your full support!

MAY EVENT DETAILS

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Chair: Sarkis Koltookian
319-292-4569
koltookiansarkisa@johndeere.com

Overview of PMX Industries

Located in Cedar Rapids, Iowa, PMX Industries is the first brass and copper rolling mill to be built in the United States in over fifty years! Our revolutionary new copper and copper-based alloy processing methods were developed from the expertise of our parent company (Poongsan Corporation of Korea) and an international team of engineers and metallurgists.

PMX Industries' state-of-the-art equipment and facilities and our team of highly qualified and motivated workers provide a level of quality and service previously unattainable in the metals industry. The result of this carefully conceived innovation is not just unsurpassed quality, but quicker turnaround.

When you turn on your faucets, unlock and open your doors or speak on a cell phone, you experience the benefits of PMX copper and brass. The coins you spend, the jewelry you wear, and many of the electronic devices you use every day -- all come to you with a little help from brass and copper products.

For more information about PMX visit: www.ipmx.com

Directions to PMX (5300 Willow Creek Drive SW):

1. From I-380, exit onto US-151 S/US-218 N/US-30 W via exit number 16 toward TAMA (0.7 mi)
2. Take the 6TH ST SW exit toward HAWKEYE DOWNS (0.2 mi)
3. Turn RIGHT onto 6TH ST SW. (0.2 mi)
4. Turn RIGHT onto WACONIA AVE SW (0.7 mi)
5. Turn LEFT onto WILLOW CREEK DR SW. (< 0.1 mi)

Directions from PMX to Bishop's Westdale Mall (2600 Edgewood Road SW)

1. Start out going North on WILLOW CREEK DR SW toward WACONIA AVE SW. (<0.1 mi)
2. Turn RIGHT onto WACONIA AVE SW. (0.7 mi)
3. Turn LEFT onto IA-965/6TH ST SW. Continue to follow 6TH ST SW. (0.2 mi)
4. Merge onto US-151 S/US-218 N/US-30 W via the ramp- on the left. (1.8 mi)
5. Take the EDGEWOOD RD exit- exit number 250 (0.3 mi)
6. Turn RIGHT onto EDGEWOOD RD SW. (0.9 mi)



ASME and Engineers without Borders are teaming up to engineer a better world – and you student section can help.

ASME is now forming teams of engineering students (junior or senior standing minimum), professional engineers, and engineering faculty to be an integral part of the projects. Multidisciplinary teaming is encouraged.

To participate you must:

- 1) Form an ASME team and enlist your Faculty Advisor to participate with you.
- 2) Apply for a project from the list of approved projects, or write your own project. (Guidelines and projects are available on the web. Project approval takes at least 4 weeks). Application deadlines are Aug. 1 (for 2004-early 2005) & Dec. 1 (for projects considered during 2005).
- 3) Use only appropriate and sustainable technology.
- 4) Commit 6-12 months to finish and install the project.
- 5) Supply your own travel funds, and arrange funding of materials.

Engineers Without Borders (EWB) envisions a world in which all people have access to adequate sanitation, safe drinking water, and the resources to meet their other self-identified engineering and economic development needs. .

To learn more about Engineers Without Border-USA, including guidelines and projects under current consideration, visit <http://www.ewb-usa.org/index.htm>

To participate through ASME, visit www.asme.org/students/ewb.

Student Activity Calendar

May

May 1 [Deadline for Pre-College Mini-Grant Applications](#)

May 16 [Student Manufacturing Design Competition – project description due](#)

May 30 [Young Design Engineers' Paper Competition – entry deadline](#)

June

June 1 Letter of intent for [Hydro Power Contest](#)

June 1 [Petroleum Division](#) Student Scholarship Program

June 30 [Solid Waste Processing Division](#) – Scholarships for graduate and undergraduate study – application due

June 30 [Student Section officer listing](#) due

June 30 [Student Section financial report](#) due

July

July 2 [2004 ASME Student Mechanism Design Competition](#) – Project report due

July 25 [NDE](#) final manuscript due

July 29-8/1 [Human Powered Submarine Contest](#)

Second Edition Of Gas Turbine Performance Now Available

ASME has announced the release of the second edition of Gas Turbine Performance, a book for engineers on how to achieve optimum fuel efficiency, stability and emission control in aircraft, marine, and other types of gas turbine systems.

For more information, or to purchase Gas Turbine Performance, contact ASME by calling (800) 843-2763 or infocentral@asme.org. Refer to order No. 802116.

**DO YOU
FEEL LIKE
A FISH
OUT OF
WATER...
when it
comes to
your
career?**

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**EMentoring
Community**



Sign-up for a Mentor
TODAY!

www.asme.org/ementoring
eMentoring

Manage Transition with Ease: E-mentoring

Access a network of practicing engineers right from your computer!

Ask career questions, get a real-world perspective on day-to-day issues in the workplace and learn more about other career alternatives. A mentor can help you get the right training, find the right niche in mechanical engineering, and help you transition more easily into the working world.

There are over 300 Mentors from various backgrounds: Aerospace, Biomechanics, Design Engineering, Petroleum, Power, Pressure Vessels & Piping, Nuclear Engineering, Process Industries, Engineering Sales & Marketing and more.

E-mentoring is available to all ASME members with five years or less work experience in the engineering field. So sign-up for a Mentor today!

<https://secure.asme.org/signin/ementoring.cfm>

BDO's Grants Available to Sections

The Board on Diversity and Outreach's Partners in Mechanical Engineering (Partners) Program provides grants to ASME Sections for innovative projects and activities that support collaboration with local sections or chapters of organizations that support women and underrepresented minority groups in engineering.

Grants are awarded on a first-come, first-served basis and range from \$500 to \$1,000, depending on the size and scope of the activity.

Applications for Partners grants may be submitted throughout the year. For additional information, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

ASME Offers MIT Summer Programs For Engineers

ASME has teamed up with the Massachusetts Institute of Technology in providing summer engineering programs offered by the MIT Professional Institute.

The program will give participants access to some of the leading experts in a variety of engineering fields.

These one-week certificate courses will be held on the MIT campus. Among them are: Biotechnical/Pharmaceutical, Computer Engineering, Energy/Environment, Manufacturing & Automotive, Physics, Optics and Astronomy, Systems Design, Data & Models, Transportation, and Organizations, Policy and Economy.

As a special offer to ASME members, MIT is offering a 10 percent discount off the retail price of the programs. For more information contact ASME at 1-800-843-2763 or register online at

<https://secure.asme.org/VirtualCampus/MIT2.cfm>

Winning Strategies to Career Negotiations

Tips to getting that raise, promotion or new job

Prioritize your needs. Define your overall objectives in terms of responsibilities, work environment, salary and benefits— and keep these in focus throughout the discussion.

Consider the employer's needs. The more you understand what the employer is looking for, the more effectively will you communicate your value.

Strive for mutual understanding. “Put yourself in his shoes.” If you keep in mind the other person's style and values, it's easier to overcome areas where you may disagree.

Actively listen. Focus on what is being said, rather than what you wish to say—otherwise you may miss subtle, verbal and nonverbal cues that convey the employer's needs.

Be open-minded. Believing there's just one way to arrive at a positive outcome is very limiting. Instead brainstorm several outcomes that are mutually beneficial and then keep an open mind—an unanticipated solution may present itself through dialogue.

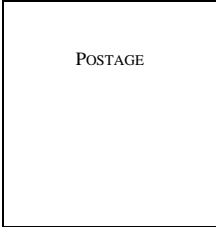
Research salary data. Having objective salary criteria is absolutely critical. Objective data minimizes the emotion of the discussion, as well as provides third-party credibility.

Practice, Practice, ... Role-playing with a career coach, or other objective individual, will show you exactly what you are comfortable asking for and how you come across to others.

Visit ASME's Career Center at www.asme.org/jobs for more information on career building and negotiations.

Local Section

Return Address
Street Number and Name
City, State 98765-4321



ADDRESS SERVICE REQUESTED

Mailing Address
Street Number and Name
City, State 98765-4321