



**Executive Committee
2003-2004**

Chairman
Jason Emperador
Diebold
Emperaj@diebold.com
330.490.5774

Vice Chairman
Krich Sawamiphakdi
Timken Research
sawamiph@timken.com
330.471.2137

Treasurer
Kevin Reynolds
NC Consulting
ktr@neo.r.com
330.829.9933

Secretary
Steve Russel
Timken Research
russelst@timken.com
330.471.2709

Directors
Rick Borowski
Chandra Jain
Greg Hollinger
Dave Yakubek
Brian Werner
Ramakant Rambhatla
Noëlle Russell
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Nominating
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Professional Development
OPEN

Program
OPEN

Unemployed Members
Marty Nuetzel

The American Society  of Mechanical Engineers
Canton Alliance Massillon Section News

Editor: Jason Emperador

February 2003

PLEASE KEEP YOUR E-MAIL ADDRESS CURRENT

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2003-2004 ELECTION RESULTS

Chairman	Krich Sawamiphakdi	Directors:	Michael Childerson
Vice Chair	Kevin Reynolds		Greg Hollinger
Treasurer	Steve Russel		David Yakubek
Secretary	Charles Parrish		Xiaolan (Alan) Ai



Nominating Committee: Richard Glasser and Anthony Skipper

Fuel Cells and Hydrogen: What's All the Fuss About?

Speaker: Thomas A. Zawodzinski, Jr.
Department of Chemical Engineering
Case Western Reserve University

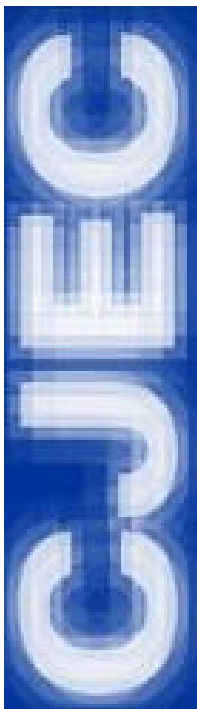
When: Wednesday, February 25th, 2004

Times: Cash Bar 6:00 PM
Dinner 7:00 PM
Program 8:00 PM

Location: Skyland Pines
3550 Columbus Road NE
Canton, Ohio 44705

Price: \$25.00 per person (\$18.00 Students)
Tickets to be picked up and paid for at the door.

Menu: Choice of Scrod, Steak, or Vegetarian.
Meal includes: fruit cup, dinner salad, baked potato, rigatoni, green peppers, sherbet dessert, and beverage.



Upcoming Events:
March – Commercial Pure Titanium
April – TBA

CAM Section Board Meetings

NEXT MEETING: Tuesday February 3, 2004
6:00 p.m., Timken Research Conference Room 11

Board meetings to follow:
March 2, 2004 April 6, 2004
May 6, 2004

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FEDERAL GOVERNMENT FELLOWSHIP PROGRAM

Since 1973, ASME has sponsored the Congressional Fellowship, Executive/White House and Federal Agency programs to provide an opportunity for Society members to work with the U.S. government.

As federal legislation becomes increasingly technical, the need for engineering expertise is essential. Congressional fellows participate directly in the lawmaking process and learn how the federal government operates. In addition, Congress is provided with the necessary engineering expertise and, at the end of the fellowship year, a fellow's employer has an engineer with in-depth knowledge of congressional decision-making processes.

The Executive/White House Fellowship offers an exceptional opportunity for an ASME member to serve a one-year appointment in the White House Office of Science and Technology Policy to support the activities of the science and technology divisions.

As federal legislation and regulation becomes increasingly technical, the need for engineering expertise is essential. Occasionally, ASME is able to offer fellowships in other federal government offices, such as the U.S. Department of Commerce, the Critical Technologies Institute or the U.S. Department of Energy. The availability of these fellowships is determined by the sponsoring hosts, funding opportunities, and suitable ASME candidates.

For more information or for applications see <http://asme.org/eric/Fellows/Congressional.html>

Grants Available, First-Come, First-Serve

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>

Young Engineer Award: Call for Nominations

Do you know an ASME member that has made great strides in the engineering profession, community and the work of the Society? If so, nominate him/her for the Young Engineers Award*.

The ASME member must also have continuous membership since becoming an ASME student member and earned a baccalaureate degree in Mechanical Engineering between the years March 1, 1998 - March 1, 2000.

A \$5000 CASH Grand Prize will be awarded, plus a prepaid life ASME membership. All nominations must be received no later than March 1, 2004.

To learn more about the selection criteria and how to nominate, visit www.asme.org/cma/og/youngengineer.html.

*The Young Engineers Award is sponsored by the Old Guard Committee



Student Activity Calendar

February

Feb. 1 [Student Section Advisor Award](#) – Nomination deadline

Feb. 1 [NDE Student Paper Competition](#) – abstract due

Feb. 15 [Arthur L. Williston Award Contest](#) – (Civic Service Paper) manuscript due

Feb. 16-22 [National Engineers Week](#)

March

March 1 [Charles T. Main](#) nomination deadline

March 15 Deadline for [2004-05 ASME Scholarship application](#)

March 15 ASME Auxiliary Scholarship – application deadline

March 25 [Fluids Engineering Division](#) – Young Engineer Paper Contest – abstract due

April

April 15 [Summer/Fall Student Loans – Application Deadline](#)

April 16-17 [Fundamentals of Engineering Exam](#)

National Engineers Week 2004

National Engineers Week, which will be observed from Feb. 22-28, will recognize the globalization of the profession of engineering by highlighting two programs: *New Faces of Engineering* and *Connecting the World to Engineering*.

ASME members seeking information packets will find them streamlined, with a folded poster and classroom activities printed on the reverse side and a one-page timeline/participation survey. These can be obtained by contacting Eweek headquarters at (703) 684-2852

Members wishing to obtain an Engineer/Volunteer kit may do so by <http://eweeek.org/site/Engineers/kit.shtml>

In 2005, ASME will serve as the lead society for National Engineers Week.

ASME Sponsors EPA's 'P3' Award

ASME is sponsoring the 'P3' Award, a student design competition that will provide grants to teams of college students to research, develop, and design sustainable solutions to environmental challenges.

ASME is one of the Environmental Protection Agency's 27 partner organizations from industry, non-profit and governmental agencies to sponsor the P3 Award.

Eligible teams initially compete for \$10,000 grants. The winners will use the money to research their projects during the academic year. In 2005, the recipients will be invited to Washington, D.C. to compete for the 'P3' award, which will provide further funding for more design development and implementation.

Applications can be found at <http://es.epa.gov/ncer/rfa/>

ASME'S MEMBER INITIATIVE SYSTEM ON THE WEB

ASME'S Member Initiative System encourages any member or operating unit of ASME to propose improvements to Society policy or procedure or to make any suggestions which would improve the operation or activities of the Society.

To date, there have been 13 proposals submitted, on topics such as "ASME and Iraq Reconstruction" and "Committee on the International System of Units." To view the initiatives, as well as ASME's responses, visit the Member Initiative System web page at <http://www.asme.org/cma/mis.cfm>.

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2004 ARTHUR L. WILLISTON AWARD CONTEST

THE WILLISTON AWARD IS PRESENTED ANNUALLY BY ASME
TO THE STUDENT ENGINEER OR RECENT GRADUATE WHO AUTHORS THE BEST ACCEPTABLE
PAPER IN THE AREA OF CIVIC SERVICE

TOPIC AREA: The Future Role of Mechanical Engineers in Bioengineering

ASSIGNMENT: The rise in biological applications of engineering has been dramatic, with several of the major biomedical advances of the last decades having a distinctly mechanical engineering base. Indeed some undergraduate engineering programs now include a required course in biology as a first step toward preparing students for careers in which physics and chemistry are not the only basic sciences of importance to engineering applications. Some engineering colleges are forming new departments either in bioengineering, which focuses on the application of engineering principles to the study and control of biological processes, or in biomedical engineering, which applies these processes to improving health and human welfare. A recent study commissioned by ASME entitled "The Convergence of the Life Sciences and Engineering" provides a snapshot of the key forces changing and shaping engineering practice. There is clearly a growing role for mechanical engineers in this shift to engineering that is more biologically centered and the 2004 Williston Paper topic is meant to elicit your views on what this might be.

DEADLINE: Papers must be postmarked by Feb. 15, 2004.

ASME Plays Key Role in Technical Conference at 2004 National Manufacturing Week

Once again, ASME has played a key role in organizing the technical conference at National Manufacturing Week (NMW) to be held from Feb. 23-26, 2004 at the McCormick Place Complex in Chicago, IL. NMW is the pre-eminent trade event for mechanical design, manufacturing and plant engineers in the U. S., attracting roughly 29,000 visitors to Chicago each year.

In addition to the technical conference, NMW consists of a 500,000 square foot exposition consisting of five main trade shows—National Design Engineering; National Industrial Automation; National Industrial Enterprise IT; National Plant and Facilities Engineering; and Cleantech Cleaning Technology. Each of these five pillar events is arranged into product sectors highlighted by showcases and pavilions featuring more than 1,500 exhibitors. The show is run by Reed Exhibitions, a division of Reed Elsevier, Inc.

The 2004 program includes General Sessions, Free Sessions, Half-day Workshops and over 180 individual sessions covering six tracks...Plant Engineering & Facilities Management, Design Engineering, Industrial Automation, Enterprise IT, Technology Transfer, Cleaning Technology and Executive Management.

ASME continues to take a leading role in organizing this technical conference at NMW because the benefits to the Society's industry members are clear:

- ✍ Gain valuable technical knowledge to help you design and manufacture products quicker, cheaper and better
- ✍ Hear case studies and discussions from industry leaders on how they improved their processes and time to market
- ✍ Network with your peers

For more information about the ASME Technical Conference at National Manufacturing Week 2004, visit the web at <http://www.asme.org/events> and click on "National Manufacturing Week" or call toll free 800-840-0678. We invite you to take part in this exciting event. Get your colleagues to attend and take advantage of a special group registration offer. Register before Jan. 24 and save!