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**Committee  
Chairpersons**

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**House/Attendance**  
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**College Relations &  
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**Government Relations/  
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**History & Heritage**  
OPEN

**Honors & Awards**  
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**Industry Relations**  
OPEN

**Member Initiative Sys.**  
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**Member Interest /  
Membership Development**  
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**Minorities & Women**  
Kathy Grant

**Newsletter Editors /  
Public Relations**  
Steve Russell  
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**Nominating**  
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**Professional  
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OPEN

**Program**  
OPEN

**Unemployed Members**  
OPEN

The American Society



of Mechanical Engineers

**Canton Alliance Massillon Section News**

Editor: Kathy Grant

June, 2003



**C.A.M. SECTION WEBSITE**

[www.asme.org/sections/cam/index.html](http://www.asme.org/sections/cam/index.html)

**JUNE EVENT**

**TOUR OF TIMKEN HARRISON STEEL & CASTING PLANT**

WEDNESDAY, JUNE 18, 2003 6:00 – 7:00 PM

*The Timken Harrison steel plant was built in 1916, prompted by a war-time shortage of steel for use in Timken tapered roller bearings. The Timken Company was at that time, and continues to be, the only domestic bearing manufacturer with an in-house steel source.*

*As an integrated steelmaking facility, raw materials including scrap steel are melted in one of two 130-ton electric arc furnaces. It is then sequence cast into blooms which are rolled to size and shape, inspected and prepared for shipment. In 1992 a new larger section continuous caster was added.*

*Attendance is limited to the first 20 C-A-M section members who sign up for the tour. For reservations, please contact Rick Borowski at 330-471-2713 or e-mail at [BOROWSKR@TIMKEN.COM](mailto:BOROWSKR@TIMKEN.COM) by June 13<sup>th</sup>. Optional dinner at Feraros will follow the tour.*

**Wanted**

**Program Ideas for 2003 – 2004**

Speakers, Tours, Events

Contact Kathy Grant with suggestions @  
330.860.2680 or kwgrant@babcock.com

**2003 ASME Pressure Vessel and  
Piping Division Conference**

**When:** July 20-24, 2003

**Where:** Cleveland, Ohio

For more information, log onto,  
<http://www.asme.org/events/pvp03/hotel.htm>

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## **ENHANCED FELLOW NOMINATION PROCESS STREAMLINES APPROVAL**

ASME recently streamlined the process for nominating members to the Society's Fellow status to ensure that all eligible members have every opportunity to be upgraded. Changes were made both to clarify the process and to speed nomination approvals, while continuing to maintain the high standard of Fellow qualifications.

Among the enhancements is a reduction in the number of categories and qualifications used to describe the candidate's background, simplifying the processes of the Fellow Review Committee. Eleven categories have been consolidated into nine categories to assist the nominators in clarifying significant engineering achievement for their Fellow candidates.

The time between nomination and approval was reduced by a month when two committees that participated in the nomination process, (Fellow Sub Committee of the Committee of Past Presidents and Admissions Committee) were consolidated into one. That committee, now called the Fellow Review Committee, now approves or denies an application within approximately two months.

Submission of electronic application documentation further expedites the process. Applications for Fellow nominations can be downloaded by visiting the Fellows website at [www.asme.org/member/fellow](http://www.asme.org/member/fellow).

If you are interested in nominating a colleague for Fellow status, but are unsure of their status, a complete list of ASME Fellows is available at [www.asme.org/member/fellow/completelist.html](http://www.asme.org/member/fellow/completelist.html). For general information, contact Lourdes Rivera at [rival@asme.org](mailto:rival@asme.org). If you have any questions regarding the Fellow review process, feel free to contact Paul Torpey, Chair, FRC at [torpeyp@asme.org](mailto:torpeyp@asme.org) or Ed Harvego, Vice Chair, FRC at [harvegoe@asme.org](mailto:harvegoe@asme.org).

## **MEMBER INITIATIVE SYSTEM ON THE WEB – YOUR CHANCE TO IMPROVE ASME AS A SOCIETY**

The Member Initiative System permits any member or operating unit of ASME to propose improvements to Society policy or procedure or to make any suggestions related to the operation or activities of the Society. It's easier than ever to propose improvements and to view proposals submitted by your peers. Initiatives may be submitted at any time, and are reviewed and forwarded to the appropriate ASME unit for consideration. The current status of all initiatives is listed on the web for your convenience.

New initiatives will now be included in the Section Newsletter template. To submit a proposal, or to view the current and archived proposals, visit the Member Initiative System web page at <http://www.asme.org/cma/mis.cfm>.

### **We Can Help You Make Your Classroom Visit a Success!**

Make your visit to a classroom easy and download free lesson plans on line or order copies of the ASME-produced videos aimed at K-12 students. The videos are accompanied by lesson plans, posters, handouts and other presentation materials. Available videos include "Engineering is for Everyone," for elementary schools, "Mothers of Invention " for middle schools, and "Career Encounters: Mechanical Engineering" for high schools. FREE brochures are also available: What is Mechanical Engineering?, Mechanical Engineering and Mechanical Engineering Technology: Which Path Will You Take?, and Mechanical Engineering A-Z. Order your videos and FREE brochures today!

[www.asme.org/education/precollege/materials](http://www.asme.org/education/precollege/materials)

### **Section Family Picnic:**

A perfect Opportunity to Teach Kids About Engineering!

On April 5, 2003 San Francisco ASME Section & Cal Marine Academy Student Section had Family Picnic. The section picnic was a great success! Engineers brought their families with the intent to have some fun. Bill Nott, Pre-College Education VP, provided hands on-activities. Not only did the children have fun, but they also learn more about engineering! If your section is interested having a family picnic and offering some engineering activities for children, visit ASME Pre-College Education website for some great downloadable activities:

[www.asme.org/education/precollege/materials](http://www.asme.org/education/precollege/materials)

## 2003 ASME/FIRST Scholarships Awarded

During the 2003 FIRST Robotics Championship, which was held April 10-12 at Reliant Park in Houston, TX, ASME distributed guidance materials at an exhibit booth and announced this year's ASME/FIRST Scholarship winners. The ASME/FIRST Scholarship Committee had the difficult task of reviewing the outstanding ASME member nominated students. They awarded the seven (7) \$5000 scholarships to:

- Scott W. Garver, Team #68 (Truck Town Thunder), Waterford Kettering High School, Waterford, MI
- Michael Lee, Team #180 (S.P.A.M.), South Fork High School, Stuart, FL
- Adam C. Madlinger, Team #303 (Panther Robotics), Bridgewater-Raritan Regional High School, Bridgewater, NJ
- Craig Manzi, Team #38 (Nonnebots), Nonnewang High School, Woodbury, CT
- Seth Daniel Oxborrow, Team #987 (Ultimus Acumen), Cimarron-Memorial High School, Las Vegas, NV
- Cody L. Peterson, Team #765 (Central Cobblers), Rapid City Central High School, Rapid City, SD
- Eric Van Dyke, Team #811 (Cardinals), Bishop Guertin High School, Nashua, NH

Congratulations to all the winners!!

For more information on ASME/FIRST Scholarships and how you can get involved with FIRST visit:

<http://www.asme.org/education/precollege/first/first.htm>

## Diversity Action Grants

The Diversity Action Grants program provides funding to ASME Student Sections to sponsor projects designed to increase the participation of women and under-represented minority groups in ASME Student Section activities and in the mechanical engineering community.

Projects should be collaborative partnerships with other minority and women's engineering societies on campus, *e.g.*, NBSE, SHPE, SWE. Examples of activities funded by the Diversity Action Grant Program may be found at

<http://www.asme.org/bmw/DAGsuccessfulprojects.html>.

For more information, as well as a grant application, go to <http://www.asme.org/bmw/dag.html>

## 2003-04 Minority Leadership Internship Program

Applications for participation in the 2003-04 program must be submitted by no later than July 15, 2003. For information on the program, as well as the application, go to

<http://www.asme.org/bmw/minorityleadership.html>.

## 2003 BMW Award

Nominations for the 2003 BMW Award recipient must be submitted by July 31, 2003.

For information on the award, as well as the application form, go to

<http://www.asme.org/bmw/award.html>.

## ASME eMentoring Program for Young Engineers

As you progress in your new or existing career - your goals and choices will change. Get advice from a seasoned engineer in your field. We have mentors from various backgrounds, to match you with a compatible professional to help you in your career.

Developing a relationship through a mentoring program can be the key to finding the resolution.

Sign up today! Visit [www.asme.org/ementoring.cfm](http://www.asme.org/ementoring.cfm) for additional information.

## 6 C's of Effective Language

This framework can help you use language to communicate your message more effectively:

**Clarity:** Avoid jargon and complicated language that someone outside your field of specialty may not understand.

**Color:** Use metaphors, similes and alliteration to create a vivid picture that will stick in the mind of your listener.

**Concreteness:** Be specific in describing experiences and results achieved.

**Correctness:** Appropriate grammar and word choice are the keys to effective speech.

**Conciseness:** Never use two words when one will do.

**Cultural Sensitivity:** Understand and monitor your audience to see how your language is perceived.

Sources: Osborne and Osborn. Public Speaking, 5th edition. Houghton Mifflin, 2000 and Laurie Lesser, Adjunct Professor, Babson College.

**For more information and resources for your career, visit ASME JobCoach at: <http://www.asme.org/jobs>**