



From the Chair – Howard Berkof

2002-2003 Executive Team

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2002-2003 Goals

- Minimum of 50 attendees per meeting
- At least 200 different ASME members participate over the 2002-2003 year (Approximately 2500 members in the section – 2nd largest section in the world)
- Two meeting per month in locations around the territory
- Monthly newsletter
- Promote current ASME Scholarships to members
- Student Section involvement – at least 4 joint meetings
- Win Earl V. Fisher Award
- Joint meetings with other Engineering societies

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November Event:

Job Hunting Techniques Presented by Walt Tarrow

“Returning by popular request”

Hosts: ASME Southeastern Michigan Section and the Eastern Michigan University Student Section

Date: Tuesday, 12 November 2002
 Time: 6:30pm-8:30pm
 Location: Bruce T. Halle Library
 Eastern Michigan University
 955 West Circle Drive
 Ypsilanti, MI 48197
 (734) 487-0020

Speaker: Walt Tarrow
 Employment Services
 Corporate Opportunities
www.jvsdet.org

As a career and employment consultant and coach, Walt Tarrow has provided employment development services to thousands of career changers during the past twenty years. He continues to assist a wide range of individuals, from entry-level job seekers to corporate executives, with learning and putting into practice the tools needed to advance your career.

Currently providing these services through a community-based human resource agency, JVS, Walt operates a corporate and professional level program called Corporate Opportunities. He is also on the board of the Michigan Employment Counselors Association and has presented his techniques for career changes and job searches at numerous conferences and workshops.

Directions to our library are located via this link:
http://www.emich.edu/halle/halle_directions.html
 The auditorium is located downstairs on the ground floor:
<http://www.emich.edu/halle/ground/groundfloor.html>

For additional information, please contact Howard Berkof at hberkof@yahoo.com or Michael Schwartz at mlsmrs@quixnet.net

December Event:

1st Annual ASME - SEMS Recognition Banquet Tuesday, December 10, 2002

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2002 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION

Nov. 17-22, 2002
New Orleans, Louisiana



Featuring eight extended programs focusing on: Electrical Systems Design, Energy, Engineering Systems Design, Photonics, Nanotechnology, MEMS, Biomedical Technology and Transportation.

Log on to <http://www.asme.org/Congress> to search the program database for sessions, events and papers that best meet your needs.

ENGINEERING SOCIETY OF DETROIT AFFILIATE COUNCIL

Fundamentals of Engineering (FE) Review Course - January 28-April 3, 2003

Are you taking the NCEES FE/EIT exam on April 12, 2003? ESD's FE Review Course is the best preparation tool available for those wishing to take the examination. Register now – **space is limited!**

Times: 6-9pm, Tuesdays & Thursdays

Registration: [Available Online](#), www.esd.org

Location: [ESD Headquarters](#)

Contact: (248) 355-2910, Ext. 110

Professional Engineers (PE) Review Courses - Feb. 22 – March 29, 2003

Are you taking the NCEES PE exam on April 11, 2003? ESD's refresher courses in **Civil, Electrical, Environmental** and **Mechanical** Engineering will prepare you for the content of the exams.

Times: [See Sample Schedule](#) (fall)

Registration: [Available Online](#), www.esd.org

Location: [ESD Headquarters](#)

Contact: (248) 355-2910, Ext. 110

Student Secretary on SEMS Executive Committee

The Southeastern Michigan Section of ASME is looking for a student secretary for the 2002-2003 year. Following is a description of eligibility, responsibilities, and benefits. This position is an excellent opportunity for a student section to gain exposure to the local senior section in addition to raising money.

Eligibility

- Student must be a member of a local ASME Student Section
- Position will be appointed by Executive Board
- Annual position term is from September-April
- Executive Board must actively seek students from different schools each year

Responsibilities & Benefits

- Must attend all executive meetings, record, and publish minutes
- Represent local student sections with feedback, ideas, and student perspectives
- \$200 donation to local student chapter
- Meals/Admission will be paid for by section

Interested students and student section advisors please contact Howard Berkof at hberkof@yahoo.com or (248) 614-0071. Please include your name, e-mail, phone number, school, year, and experience with ASME.



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Voices of Innovation

A Daily Radio Series That Celebrates the World of Engineering

Have a great story about a product you invented, the process you created or the work that you do? Ever wanted to be a star on radio or television? Want to help educate the public about the value of engineering?

Voices of Innovation is a new public radio program being launched by the American Association of Engineering Societies, with generous support from ASME. It will feature the voices of engineering in two-minute programs that explore and celebrate the world of engineering. The program will profile engineers who talk about their inventions, their work life of their careers. Each one will be a story of its own. The search is on for engineers with a story.

If you or someone you know has an engineering story to tell, submit a story idea form, which is available at www.voicesofinnovation.com. You may also find samples of stories on the website. Help illustrate the passion, excitement, and genius that inspires the men and women who make the technological miracles a part of our everyday lives.

December Event: 1st Annual ASME SEMS Recognition Dinner (Continued from p. 1)

Date: Tuesday, December 10

Time: 6:30-8:30pm

Location: **Steak & Ale Restaurant**

27590 Orchard Lake Rd

Farmington Hills, MI 48334

Phone: 248-476-8440

Southeast corner of Orchard Lake and 12 Mile Rd.

Speaker: Holiday Theme, *TBD*

The Council on Member Affairs is pleased to recognize members who have achieved 25, 50, and 75 years of membership during the 2001 - 2002 membership year. Please join the ASME Southeastern Michigan Section as we honor those who have significantly contributed to our society through many years of valuable experience in our profession.

The Southeastern Michigan Section will distribute these awards at the banquet and also recognize recently distinguished ASME Fellows. Keeping with the holiday season, an entertaining speaker will close out the banquet.

Cost: \$20 for Members and Spouses, \$10 for Students

RSVP: Thomas Libertiny

libertinyt@asme.org

(248) 373-2500

Send Payment to:

Thomas Libertiny

Raymond James & Associates

691 N Squirrel Road

Auburn Hills, MI 48326

Membership Development Committee & National Engineering Week Coordinator

With member interest and participation dramatically increasing, the Executive Committee is looking to grow as well, by establishing a Membership Development Committee. The section is soliciting any volunteers who would like to participate in this exciting local initiative. The objective of the committee will be to set membership development goals and help provide ideas for programming to achieve those goals. Specific examples include the joint meetings with student sections, an industry breakfast that is currently in development, and programming for National Engineers Week.

The section is also looking for members interested in helping to develop and coordinate National Engineering Week activities. We are looking to create programming with a local high school or middle school that highlights the world of engineering to young students. The objective is to promote, educate, and excite student about the rewarding profession of engineering. We are open to all ideas and initiatives, including working with local ASME Student Sections.

Interested members please contact Howard Berkof at hberkof@yahoo.com or (248) 614-0071. Please include your name, e-mail, phone number, and specific interests or ideas.



Held in conjunction with the ASME International Mechanical Engineering Congress & Exposition.

Career Essentials

Join us in New Orleans, Sunday, Nov. 17, 2002 at the 22nd Young Engineers Forum (YEF). This one-day program will deliver informative presentations and a panel discussion focused on *Career Essentials* – to help you reach your full potential. You will have the opportunity to listen to experienced engineers share their knowledge on how to navigate a traditional or non-traditional engineering career, ask questions and walk away with valuable insights into your profession

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>

From the Chair – continued from p. 1

Dear Colleagues,

The Southeastern Michigan Section is off to a fast and furious start to the 2002-2003 year. ASME Distinguished Lecturer Art Ebeling entertained over 50 attendees at the University of Windsor, Canada with his presentation on continuous development and the history of auto racing. Following an educational tour of Ideal Steel in Howell, the section held their second joint student section meeting at the University of Michigan. A sold out auditorium of over 80 students and professionals engaged in a discussion entitled "Engineering and the Entrepreneur," led by inventor and patent consultant Arnie Leemon and financial planning expert Tom Libertiny.

With member interest and participation dramatically increasing, the Executive Committee is looking to grow as well. A new Membership Development committee is currently under development and the section is soliciting any volunteers who would like to participate in this exciting local initiative. We are always looking for members who have creative ideas or want to get involved in some way.

The International Mechanical Engineering Congress and Exposition is fast approaching. There are dozens of local members who serve on national committees. Among the committees represented are the Committee on Membership, Early Career Committee, and a host of Technical Divisions including the Engineering and Technology Management group. We look for your feedback to bring new ideas and initiatives to the national level.

How can ASME better serve their membership?

- Technical Division programming
- Professional Development
- Business and Financial Planning presentation
- Access to technical information and research papers
- Improved job and career resource center

What benefits would you like to see?

- Life and Medical Insurance
- Mortgage Loans
- Financial Planning
- Patent support
- Attorney consultation
- Discount on text books and technical papers

What ideas do you have for membership development?

How can ASME work with industry to promote the organization and its values?

Please e-mail your feedback and suggestions to hberkof@yahoo.com. All your ideas will be sent to the appropriate committee. Thank you for your continued participation with ASME.

Best Regards,
Howard Berkof
hberkof@yahoo.com
(248) 614-0071

Meeting Recap

“Ideal Steel Manufacturing Facility Tour”

On Tuesday, October 12, 2002, the ASME SEMS visited the facilities of Ideal Steel in Howell, MI where we were hosted by Faye Walker, Vice President of Sales (810 231 1722) and Jonathan Gilman, Regional Sales Manager (517 548 6565). We began with a presentation, which described the history and capabilities of Ideal Steel and then had a guided tour of the manufacturing facility. Since Ideal Steel is operating two shifts, we had the opportunity to observe some of the production processes in operation. One of these processes was a machine which would take a steel I-Beam, cut it to length using laser measurements to assure correct length and then punch hole into the web and flange section, as well as stamp part tracing numbers. The punch operation can do the web and/or flange without change to the set-up. Holes of up to 1-1/2 inch diameter through 1inch thick steel are routinely formed in this process. Ideal Steel, a subsidiary of The Ideal Group (www.weareideal.com), supplies structural & miscellaneous steel fabricated parts of commercial, industrial and residential build construction.

“Engineering and the Entrepreneur”

The Southeastern Michigan Section completed the first technical group/section meeting Monday, the 22nd of October. The meeting was a success with a sold out auditorium of 80 people. The diversity of the audience was also impressive with student members and full members in attendance (folks drove in from Canada to attend) at the University of Michigan.

The meeting, entitled "Engineering and the Entrepreneur," featured speakers were Arnie Leemon, an inventor/consultant who takes an idea or concept through the necessary steps from conception to fruition and Tom Libertiny, Associate Vice President of Investments with Raymond James & Associates. (on behalf of the ASME Design Division). Topics included: "New product ideas and concepts from visualization through production" as well as "Financing for Technology-based Businesses." The seminar was designed to help bridge the confusing gap between having the proverbial "great idea" and developing a successful business around the idea. For more information on the speakers please see the October newsletter.

Over half of the 2-hour seminar involved fielding questions from our audience in a panel discussion format. Questions included:

- How do you network with investment bankers, venture capitalists, and potential corporate clients (Note: It was pointed out that the ASME was an excellent resource for networking).
- The details of starting a business
- Financing
- The career path to becoming an entrepreneur
- How long should a person wait until after graduating with their BSME to start a business
- How do prospective employers view a failed business experience
- Patent questions

This meeting is the first success story for the concept of proactively promoting the transfer of technical knowledge between the COE's technical divisions to our members and student members. It also couples the section's vision of holding meetings throughout the fiscal year at each one of the 8 universities that we represent in order to demonstrate the value of the ASME to our student members.

The team spirit was in clear evidence with the close collaboration between the University of Michigan's student section and the Southeastern Michigan section. The section is in the planning stages for our next event with the Engineering and Technology Management Group, to be held in January. Also in the works for the spring are future discussions on how to start-up and run a business, cutting edge innovations and technologies, and continued joint meetings with local student sections.

Special thanks to guest speakers Arnie Leemon and Tom Libertiny, to Brian Pandya for coordinating the meeting with the University of Michigan student section, and to Karlin Bark and her group of officers who did an excellent job hosting the event.

From our Vice-Chair, Michael Schwartz

Some future events, which are being considered/planned, include:

ASME SEMS family day at the Detroit Zoo,
ASME SEMS family day at the Detroit Science Center,
Presentation on “The Leadership Process”,
Presentation(s) on military ground vehicles,
A Woodward Avenue restaurant tour.

If you have any ideas/suggestions for programs, please contact one of the executive committee members via the contact information in the newsletter.