



## Local Section News

### From the Chair

By Tom Libertiny

Since our first meeting in November, I've talked with many of you who've had excellent ideas on how to improve our section. We continue to strive for our answer to the question "What's in it for you." Your feedback and the suggestions that we've received from other section representatives that we met with during the New York IMECE has led us to focus on the following areas:

- 1) Outreach to students. Recruiting engineers in undergraduate school and high school into the society
  - Status: We're searching for a hands-on, Vice-Chair to act as our liaison between our section and our student sections.
- 2) Professional Development and Continuing Education
  - Status: Harry Indig has launched a free (for our members) PE Exam Review course.
- 3) Meetings featuring either an industry leader (keynote speaker) or held at an interesting venue
  - Status: Mike Schwartz started our monthly keynote speaker program.
- 4) Communications and Networking
  - Status: Mary Straffon started her monthly newsletter
  - Status: Monthly meetings are now held at the President's Conference Center at Lawrence Technological University, Southfield, Michigan.
  - Status: Dave Kramer has started regular website updates.

I'm glad to report that we've already had measurable success. We've increased active participation in our section from a handful to 25 members. (Continued on Page 2).

## Upcoming Section Events

Check out the latest news about upcoming events: [www.asme.org/sections/SEMS/](http://www.asme.org/sections/SEMS/)

### **PLEASE NOTE TIME AND LOCATION CHANGE!**

February Meeting – Wednesday, Feb. 13<sup>th</sup> 5:30pm

Jack Cauley Chevrolet & Ferrari  
7020 Orchard Lake Rd  
West Bloomfield, MI 48322

**Tour of Ferrari Dealership** will start promptly at 5:30 pm. Regular Business Meeting follows, with Keynote presentation:

### **PowerPoint, How to use it, and not have it use you...**

by Jack Spielman, System Analyst at Science Applications International Company (see page 2 for more details). Full gourmet hors d'oeuvres and drinks will be served.

Please RSVP to [straffonm@asme.org](mailto:straffonm@asme.org) if you plan to attend. We will need to give an accurate headcount for the tour.

**PE Review: Saturday Classes on February 23<sup>rd</sup>, March 2<sup>nd</sup>, March 9<sup>th</sup>, March 16<sup>th</sup> and March 23<sup>rd</sup>.**  
10am to 2 pm.

CAM (Construction Association of Michigan)  
Auditorium (located in the facility's lower level)  
43636 Woodward Avenue  
Bloomfield Hills, MI 48302

Phone: 248-972-1000

Please see p. 3 for more details. Contact Harry Indig at [indigh@asme.org](mailto:indigh@asme.org) for registration.

March Meeting – Wednesday, March 13<sup>th</sup>. 6:30 pm  
Location not confirmed at press time.

Keynote Presentation:

### **Job Hunting Techniques**

Presented by:

Jennifer Llewellyn

and

Walt Tarrow

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## INSIDE THIS ISSUE

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- 1 Local Section News
- 2 Keynote Speaker Biographies
- 3 SEMS PE Exam Review Course Details
- 4 National Engineers Week
- 5 Section Contact Information

## From the Chair

(continued from page 1).

Also, offers to help from volunteers are pouring in. If you're interested in volunteering to spearhead a project, program, or as the Vice-Chair, please take a look at our website [www.asme.org/sections/SEMS/committees.html](http://www.asme.org/sections/SEMS/committees.html) and send me an E-mail message at [libertiny@asme.org](mailto:libertiny@asme.org)

Thank you to all of the folks who have pitched in to help us. As the actor Jack Nicholson once said: "You ain't scene nothing yet!"

Tom Libertiny

## NOMINATE A SCHOLAR!! SEVEN \$5,000 SCHOLARSHIPS AVAILABLE TO FIRST TEAM STUDENTS

ASME members and student members can nominate graduating high school seniors active on FIRST teams for ASME/FIRST Scholarships. Candidates must have plans to go into accredited mechanical engineering or mechanical engineering technology program.

Thanks to a generous grant from the ASME Foundation, seven one-year awards for \$5,000 will be made in April 2002. Deadline for nominations is MARCH 1, 2002. Descriptions and downloadable application forms are available on the web at <http://www.asme.org/educate/k12/first/firstscholarship.htm>

Contact Theresa Oluwanifise at [oluwanifiset@asme.org](mailto:oluwanifiset@asme.org) or Edie Ervin at [ervine@asme.org](mailto:ervine@asme.org).

Contribute to the ME Today Newsletter!

If you are interesting in publishing a non-technical article that will be helpful to other mechanical engineers, 0-10 years in the workforce, please submit your proposals and ideas to [youngengineers@asme.org](mailto:youngengineers@asme.org).

Mail or fax proposals to: ASME International, Cheryl Hasan, Three Park Avenue New York, NY 10016. Fax: 212.591.7437

## February Section Meeting – Speaker Bio:

Our keynote presentation on PowerPoint, How to use it, and not have it use you... will be given by Jack Spielman. Jack is a Systems Analyst with Science Applications International Corporation (SAIC). Currently he is a project leader in developing Knowledge Management Systems at the Army's Detroit Arsenal in Warren, Michigan. Mr. Spielman is a former Army Officer with an extensive background in developing Operational Architectures for digital maintenance in ground combat systems.

## March Section Meeting – Speaker Bios:

Our keynote presentation on Job Hunting Techniques will be presented by Jennifer Llewellyn, CDF, a Training Specialist at the Troy Career Center, and by Walt Tarrow, Employment Services, Corporate Opportunities at JVS.

Jennifer Llewellyn is the Program Coordinator of the Workforce Investment Act and NAFTA/TAA programs at the Troy Career Center. She earned her Bachelor's Degree in Human Resource Development from Oakland University and is a Certified Career Development Facilitator. Jennifer has been in the career development field for four years and specializes in job search strategies, resume assistance, and interview preparation.

As a career and employment consultant and coach, Walt 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 in learning and putting into practice the use of effective tools and techniques to obtain each one's own best career opportunities.

Currently providing these services through a community-based human service 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 at numerous conferences and workshops about career change and job search.

## Young Engineers Award

ASME International wants to give \$5,000 plus a prepaid life membership to a young ASME member that has done an outstanding job in their profession, community and the work of ASME. **Nominate a Young Engineer** for the Old Guard Young Engineers Award Today!

<http://www.asme.org/cma/og/youngengineer.html>.

## ASME PE REVIEW PROGRAM

Pursuing a professional engineering license will be one of the most challenging efforts you undertake in your professional life. Passing your Principles and Practice of Engineering Examination (PE Exam) and earning your license will be one of the most important accomplishments that *will help you throughout your career.*

ASME PE Exam Review Program covers all the topics the newly formatted PE review exam. The program reflects the changes to the PE Exam format which now is 80 multiple choice questions - 40 in the AM and 40 in the PM. The next test will be given on April 19, 2002. The morning session deals with engineering fundamentals. The afternoon session is for specific engineering fields; the applicant selects one topic from 4 specialties: HVAC and Refrigeration, Machine Design, or Thermal and Fluid Systems. The review class includes 21 modules, which will be covered in **5 sessions** by PE's who will be utilizing 16 videotapes that have been put together by ASME for ASME members.

The ASME South Eastern Michigan Section has purchased these tapes. With the current economy and lay-offs, it is our goal to give SEMS mechanical engineers an advantage in the job market. There is no cost for the Exam Review Classes for ASME members. The cost for non-members is \$200. They have been scheduled for 5 Saturdays from 10 am to 2pm.(see following schedule). The classes will be held in the CAM Auditorium. CAM (Construction Association of Michigan) is located at 43636 Woodward Avenue, Bloomfield Hills, 48302. The auditorium is located on the lower level. Senior Engineers who each are Professional Engineers (P.E.) are volunteering their time to present each topic and answer your questions. Please contact Harry Indig at [indigh@asme.org](mailto:indigh@asme.org) for class registration.

### Session One on February 23, 2002 – General Knowledge

Tape #	Videotape Lecturer	Topic	Tape Length
1	Dr. Edward Young	Engineering Principles	47 minutes
2	Dr. Richard Pool	Economics	56 minutes
3	Dr. Steven McNeill	Project Management, Ethics, and Codes & Standards	35 minutes

### Session Two on March 02, 2002 - General Knowledge

Tape #	Videotape Lecturer	Topic	Tape Length
4	Dr. Bill Ranson	General Principles of Machine Design and Materials	68 minutes
5	Dr. Jamil Khan	Hydraulics and Fluids: Principles and Applications	78 minutes
6	Dr. Edward Young	Energy Conservation/Power Systems: Vapor and Gas Power Cycles	56 minutes

### Session Three on March 09, 2002 - HVAC and Refrigeration Session

Tape #	Videotape Lecturer	Topic	Tape Length
7	Dr. Jeffrey Morehouse	Principles	83 minutes
8	Dr. Bill Ranson	Principles	88 minutes
9	Dr. Bill Ranson	Vibration Analysis	69 minutes

### Session Four on March 16, 2002 - Machine Design Exam Session

Tape #	Videotape Lecturer	Topic	Tape Length
10	Dr. Steven McNeill	Machine Design Components	86 minutes
11	Dr. Jeffrey Morehouse	Fundamentals and Systems	60 minutes
12	Dr. Jeffrey Morehouse	Equipment and Applications	53 minutes

### Session Five on March 23, 2002 - Thermal and Fluid Systems Exam Session

Tape #	Videotape Lecturer	Topic	Tape Length
13	Dr. Edward Young	Thermodynamics	60 minutes
14	Dr. Jamil Khan	Hydraulics/Pneumatics	87 minutes
15	Dr. Asif Khan	Heat Transfer	73 minutes
16	Dr. Jamil Khan	Power Plants	75 minutes

## Sign Up Today for an e-Mentor – New Member Benefit

ASME is proud to expand the eMentoring program to young professionals. It has been a stellar success with our student members and its useful for individuals looking to get advice from more seasoned engineers in their field of interest. If you have been out of school for 5 years or less, this program is for you. In today's competitive market, cultivating a relationship through a mentoring program can be the key to help you guide your career choices. For more information, visit [www.asme.org/ementoring](http://www.asme.org/ementoring)

## National Engineers Week 2002

ASME members wishing to concentrate specifically on mechanical engineering during E-Week should consider contacting Information Central at (800) 843-2763 to obtain copies of various 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.

E-Week 2002 planning kits will be available from Information Central in December.

For more information contact Thomas Kuehl, 212-591-8013 ([kuehl@asme.org](mailto:kuehl@asme.org))

## 2001-2002 Member-Get-A-Member Campaign

Help ASME International serve the needs of the mechanical engineering community by sponsoring new members. With each new member, you recruit, 50% of the first year's dues will be spent on scholarships for mechanical engineering students.

For complete program details, log onto <http://www.asme.org/membershipdrive>

## **ASME MEMBERSHIP RENEWAL BONUS!!**

All ASME Student Members who graduated 2001 will receive a complimentary copy of "The Unwritten Laws of Engineering."

Fully revised and updated edition of the 1944 classic, serves as a crucial compilation of "house rules," or a professional code. It addresses three areas: what the beginner needs to learn at once; "laws" relating chiefly to engineering executives; and purely personal considerations for engineers. Packed with contemporary examples, this new volume is a must for those entering the engineering field or those interested in improving their professional effectiveness.

Edited by: James G. Skakoon and W.J. King a young ASME members' outstanding performance, in their profession, community, and the work of ASME.

## Local Section Contact Information

### Chairman

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Open

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