

# Southeastern Michigan Section



ASME International

<http://sems.asme.org>



## Section Newsletter, September 2003



### 2003-04 SEMS Officer Team

#### **Chair – Executive Committee**

Rebecca King 313-845-8938 rhk77@yahoo.com

#### **Vice Chair – Membership / Outreach Committee**

Kent Alverson 248-506-7125 kwa@comcast.net

#### **Treasurer – Industry Committee**

Tom Libertiny 248-373-2500 libertinyt@asme.org

#### **Secretary – PR & Marketing Committee**

Howard Berkof 585-259-5150 berkofh@asme.org

#### **Programs – Education Committee**

Michael Schwartz 248-879-3713 schwartzm1@asme.org

#### **Committee Members**

David Kramer	Website	david.kramer@vw.com
Mary Straffon	Technical	straffonm@asme.org
Mike Pasquarella	Marquis Event	mpasquar@ford.com
Rob Iera	Student	
	Relations	reiera@yahoo.com
J. Manjunathaiah	Golf Tourney	jmanjunathaiah@lambtech.com

### September Kick-off Events

#### ***“Help! My Project Has Kidnapped My Life!”***

**Date:** Tuesday, 9 September 2003

**Time:** 6:30 – 8:30 pm (*Light Hors D’Ouevres*)

**Location:** President’s Conference Center  
Lawrence Technological University  
21000 W.10 Mile Road  
Southfield, MI

The drive to the conference center is the first drive west of the main campus entrance off 10 Mile. *Downloadable Map:* [http://www.ltu.edu/campus\\_maps/main\\_map.html](http://www.ltu.edu/campus_maps/main_map.html) The President’s Conference Center is Building 8 on the map.

**RSVP:** Howard Berkof E-Mail: [berkofh@asme.org](mailto:berkofh@asme.org)  
Phone: (585) 259-5150

Our kick-off meeting will feature Ms. Sharon White, Business Coach, for Unlimited Pathways, LLC. She will present “Help! My Project Has Kidnapped My Life.” Part of the “Rescue My Life From My Projects Series,” this presentation is for those who are ready to unbury themselves from the multitude of ideas and deadlines and reclaim their life before projects (LBP). We’ll look at how to keep your sanity when on a challenging project. (<http://www.unlimitedpathways.com/>)

#### ***1<sup>st</sup> Annual ASME SEMS Golf Outing***



We hope to kick-off the year with an event that brings people together in a fun atmosphere. You will enjoy eighteen holes of golf in one of the best public courses in Michigan and a post-game dinner and prize distribution. Remember that the bragging right to be the SEMS Champs is up for grabs! We encourage members and interested non-members to come and have fun with other gear-heads.

Continued on page 2 . . .

## Message from the Chair

Hello ASME!

I'd like to welcome everyone to a new and exciting year at the Southeastern Michigan Section of ASME. I am honored and excited to be your chair for the upcoming 2003-2004 year. This year we have set some great goals and events already planned for our section. But first off I want to thank our previous executive team for all their efforts in making last year one of the most successful years. Our section was nationally recognized as one of the most active and improved sections. I want to give a special thanks to everyone last year who continued to build upon a great section and had amazing foresight for this coming year.

I'm also pleased to announce that we have recruited some new faces for our new executive team. We met earlier this summer and set some very aggressive goals for this coming year.

- New organizational structure to promote member participation
- Educational Outreach to college sections and younger students
- Hold at least one meeting per month with supplemental events
- Host a Young Engineers Forum
- Homeland Security Seminar
- Continue with joint events with other divisions
- Increase attendance at meetings
- Increase member participation within the section

Our team is looking forward to another successful and exciting year. We welcome any ideas and thoughts you have in making it an even better year. Please share your thoughts with our team, and we would be honored to have your assistance in any way in accomplishing our goals. This team will do its best to provide you with an array of fun, useful and exciting events throughout the year. Please join us for another great year starting with our September 9th meeting.

Best Regards,  
Rebecca King ([rhk77@yahoo.com](mailto:rhk77@yahoo.com))

## Committee Member Solicitation

SEMS ASME Needs YOUR Help!!!

In order to provide you with a better SEMS ASME, your assistance as members is requested. SEMS has created a new structure for our organization, and now we need people to help us achieve our goals. We want further outreach to students particularly those in grade school level, event programming useful to our section, promotion for our meetings and events, interaction between other societies and much more. Please contact anyone in our executive team if you are interested in joining a committee, want to share an idea to improve the section or just interested in learning more about ASME! We have much to offer you, but it takes the help of our members to make it happen! Thanks for your help!

## Come Win the 1<sup>st</sup> ASME SEMS GOLF Outing!!

(Continued from page 1)

Where: Kensington Metropark Golf Course,  
2240 W. Buno Rd, Milford MI 48380.  
Exit 151 (Kensington Rd) on I-96

When: On Saturday September 20, 2003.  
First tee time starts at 1:30PM.

Format: Scramble with randomly selected 2-person teams.

Prizes: 1<sup>st</sup> place team: \$100 & bragging rights!  
2<sup>nd</sup> place team: \$50

Cost: \$40 (includes 18 holes of golf with cart and dinner)

Contact Dr. J for information and reservations (586)497-6126 or [jmanjunathaiah@lambtech.com](mailto:jmanjunathaiah@lambtech.com) with your handicaps. Make your reservation today since there is limited availability.

Please mail your checks to the following address:  
ASME Southeastern Michigan Section  
691 N. Squirrel Road Suite 105  
Auburn Hills, MI 48326

## Continuity and Change

During the 2003 Summer Annual Meeting (SAM) Reginald Vachon, our incoming ASME President, discussed the launch of his initiative called "Continuity and Change." A considerable amount of detail was given during his talk. However, the synopsis comes down do this: Keep what is working (Continuity) and discard what is not (Change).

Our society has a golden opportunity to make significant changes to our operating procedures and the ASME's very structure—nothing is off-limits. Why should we embark on this initiative? The issue that faces us at the local level is scalable to the international level: Answering the ASME question "What's in it for me?" We obviously have not answered this question sufficiently because our membership is flat (120,000 for over the last 10 years), we fail to attract and retain young engineers, and we're not quite sure who we are. These are the leading indicators of our challenge.

The question: "Who do we want to be?" Should we be an international organization? A global one? A U.S. one? The difference is in philosophy. International: Think about the McDonalds corporation—Same product in different countries throughout the world. Global: The Coca-Cola Corporation—Customized products in different countries while retaining one single underlying principle. U.S: Forget the rest of the world and focus on supporting American mechanical engineers.

I have my opinion on which is a sustainable philosophy. What's yours? Please contribute your ideas to the debate at:

<http://www.asme.org/change/ccppt.html>

Tom Libertiny ([libertinyt@asme.org](mailto:libertinyt@asme.org))



Top Left: Racing professional Danny Kellermayer lectures on driving techniques  
Bottom Left: Drivers and attendees converge in the preparation lane

Top Right: "Hot Laps" in which riders got a taste of professional racing  
Bottom Right: Outgoing chair Howard Berkof presents incoming chair Rebecca King with the Young Engineer of the Year Award

### **Event Recap: Engineering & Auto Racing: ASME SEMS End of the Year Fun & Lunch**

On June 6, the section closed out the memorable year with a bang. Clear blue skies provided the perfect setting as 50 ASME members and friends converged on the Waterford Hills racetrack for a perfect Friday getaway. Danny Kellermayer, world renowned Corvette race car driver, presented two lectures on driving technique and vehicle dynamics. Danny and other professional drivers then provided "Hot Laps" in their racing Corvettes around the two mile stretch of track. Several ASME members raced their own vehicles around the track, as thrill seekers pushed their cars to the limit. Over lunch, awards and recognition were given to outgoing SEMS officers, including Rebecca King who received the Young Engineer of the Year Award. A memorable time was had by everyone, and feedback from participants was extremely positive, as SEMS plans to turn this into an annual end of the year event.

### **ASME Launches Anti-Spam Service**

ASME is providing a new junk mail filtering service to protect your "@asme.org" forwarding address. We have contracted this service for our members from a top provider of email security services.

We are providing this service to our members in response to the growing problem of unsolicited email messages. It has been reported that as much as 70% of all new email is classified as spam. If you are a member who has an asme.org email alias, then you have already have been activated.

At this time, only addresses with the asme.org domain can be registered for this service. To create your ASME email alias, visit the "Members Only" site at [www.asme.org](http://www.asme.org). Approximately one week after your alias has been established, you will receive your account information and temporary password.

For more information, please contact [junkmail@asme.org](mailto:junkmail@asme.org).



ASME International

<http://sems.asme.org>

## SOUTHEASTERN MICHIGAN SECTION OF ASME

*Proudly Presents the 2003*

# YOUNG ENGINEERS FORUM

*You are cordially invited to attend the*  
**Detroit Area**  
**YOUNG ENGINEERS FORUM**

To be held on  
Saturday, October 11, 2003

Lawrence Technological University  
21000 West 10 Mile Rd.  
Southfield, MI 48075  
(248) 204-4000  
Technology Building, Room T-210  
<http://www.ltu.edu/maps>

Breakfast & Registration at 8:30 AM  
Lunch Provided  
Keynote Speaker  
Conclusion & Raffle at 3:30pm

For more information, please contact:  
Howard Berkof  
[berkofh@asme.org](mailto:berkofh@asme.org)  
(585) 259-5150



### *Keynote Speaker*

### **Danny Kellermeyer, Professional Race Car Driver**

GM Reliability Engineer, and now champion race car driver, Danny will discuss engineering and auto racing. Danny has been an active builder, crew chief, owner, or driver every year since 1985. In 189 career races, Danny has completed 182 and placed 91% in the top three.

### **ABOUT THE YOUNG ENGINEERS FORUM**

The Young Engineers Forum (YEF) is a program designed to enhance your ability to compete in an ever more demanding and changing global market place. Through networking opportunities and practical, real-world advice from established engineers and career planning specialists, you will learn how to prepare for a successful and rewarding career. Please join us for this unique opportunity to gather advice, tips and insights on getting the most out of your engineering career.

### **WHY SHOULD YOU ATTEND?**

- Get practical, real-world advice about your career and life issues
- Learn how to prepare for future trends and a rapidly changing workplace
- Benefit from accounts of real-life experiences and success stories
- Learn how to identify and be aware of the resources available to you
- Meet and network with students and practicing engineers

### **THE PROGRAM**

Moderator, Howard Berkof, Ingersoll-Rand Company  
(Former SSC Rep, Region III and currently on Early Career Committee)

### **ENTREPRENEURSHIP & PATENTS**

Arnie Leemon, Inventor/Consultant, Jacksson Enterprises

Arnie Leemon is an inventor/consultant, who takes an idea or concept through the necessary steps from conception to fruition. Those steps include legal protection, visualization (through prototyping or artist rendering) market analysis, production and manufacturing costs, and facilitation and presentation to industry for license or sale. If the idea or concept can be enhanced to further its presentability to industry, the improvement is assigned to the inventor, guaranteeing their complete ownership of their intellectual property.

### **FINANCIAL PLANNING**

Tom Libertiny, Associate Vice President, Raymond James & Associates

Tom Libertiny is an Associate Vice President of Investments with Raymond James & Associates and an experienced Financial Advisor. He pulls from his background in the fields of corporate finance and engineering, as well as the insight he has from building and financing businesses through investment banking and venture capital to assist his clients. His business and educational background includes over a decade of service in financial and engineering capacities from startup semiconductor and bio-tech based ventures to multi-billion dollar international conglomerates. Tom is an author and frequent speaker at finance and technology engagements and is recognized for his professional acumen and achievements by *Who's Who in Finance and Industry* and *Who's Who in the World*, among other prestigious publications. He holds both an MBA and bachelor's degree in Mechanical Engineering.

### **PROJECT MANAGEMENT FOR ENGINEERS**

Tom Davis, Quality Assurance Manager, Trilogy Plastics Inc.

Tom Davis is a very popular presenter from the ASME's Engineering & Technology Management Group (E&TMG), Tom has thirty plus years experience in performing and managing engineering, manufacturing technology, and quality activities. His experience includes Project Management of manufacturing development, engineering, and capital equipment installation projects. More recently his focus has involved developing and implementing ISO 9000 Quality Systems, Continuous Improvement, and related training programs. Tom has given many Project Engineering / Management presentations at National Manufacturing Week events and ASME Section and Regional Meetings.

### **JOB HUNTING TECHNIQUES**

Walt Tarrow, Employment Services, JVS

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.

### **INDUSTRY PANEL DISCUSSION**

#### **REGISTRATION**

The registration fee schedule is listed below. The event is limited to 100 students and young engineers. Please mail your checks for receipt by 1 October 2003 for your reservations to the following address:

ASME Southeastern Michigan Section  
691 N. Squirrel Road Suite 105  
Auburn Hills, MI 48326

	<u>Early Bird</u>	<u>After Oct. 1</u>
Students ASME Members	\$10.00	\$15.00
Student Non-Members (Fee includes ASME student membership)	\$35.00	\$40.00
Professional ASME Members	\$15.00	\$25.00
Professional Non-Members	\$25.00	\$40.00

**2003-04 ASME  
Member-Get-A-Member Campaign**

Recommend a paid new member during the 2003-04 Member-Get-A-Member (MGAM) campaign now through June 30, 2004 and ASME will contribute 50% of their first year dues to scholarships for student members.

At the same time, you will receive recognition for volunteerism - a certificate of appreciation for two or more paid new members signifying your support of the mechanical engineering community.

**IT'S EASY TO RECOMMEND MEMBERSHIP TO YOUR COLLEAGUES!**

New members will experience the benefits of ASME membership - technology transfer, access to a network of engineering experts, assistance with career advancement, leadership opportunities and much more.

Learn more about how to start recommending your colleagues at <http://www.asme.org/membershipdrive>.

**Professional Education Courses**

Two new products at the ASME PE and FE Exam Review Center. **New FE Workbook and CD-Rom and the PE Exam Review on DVD**

<http://www.asme.org/education/disted/examprep.htm>

**ASME Online Short Courses**-New titles include Project Management and Advanced GD&T.

<http://elearn.asme.org/courses/courselist.htm> Many

new courses will be added for the fall.

<http://www.asme.org/education/disted/library.htm>

**Prefer training on CD-Rom?** go to

<http://www.asme.org/education/disted/computer.htm>

Titles include B31.3, GD&T and Section VIII, Div 1.

**New ASME Corporate Online Training Library-**

Meet all your mechanical engineering training needs in one economical package tailored to your company. Go to:

<http://www.asme.org/education/disted/library.htm>

Grants of up to \$1,000 are available to ASME senior Sections wishing to sponsor events promoting diversity and inclusiveness within the engineering community. For more information on the Partners in Mechanical Engineering Program, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

Grants of up to \$1,500 are available to ASME student sections for projects and activities that promote diversity and inclusiveness in the student sections. Applications for the 2003-04 Diversity Action Grant (DAG) Program must be received by Nov. 1, 2003. For additional information, go to <http://www.asme.org/communities/diversities/bdo/dag.html>

**ASME'S MEMBER INITIATIVE SYSTEM ON THE WEB – NEW PROPOSALS**

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. It's easier than ever to propose improvements and to view proposals submitted by your peers. We will now highlight selected Member Initiatives that have been recently received.

**"Leave a Mechanical Engineering Magazine"- Spread the word!**

Do you keep your back copies of ME Magazine? If not, please pass them along to others. You can keep them on your desk at work, put them in the employee lounge, donate them to your local library, high school library or local college - or anywhere else you can think of where people congregate. Circulating readership is important - it extends the reach of ASME at no cost to the Society. So don't throw your magazines away - pass them along. You never know when an article might spark an interest in ASME or in mechanical engineering.

To submit a proposal, or to view other current and archived proposals, visit the Member Initiative System web page at <http://www.asme.org/cma/mis.cfm>.

**Advertise in Your Local Section Newsletter!**

Our ad rates are reasonable:

Size	1 issue	3 issues	5 issues
One Eighth	\$50	\$90	\$130
Quarter Page	\$90	\$160	\$230
Half Page	\$160	\$290	\$420
Full Page	\$250	\$450	\$650

Please contact Howard Berkof at [berkofh@asme.org](mailto:berkofh@asme.org) if you are interested in running an ad.

**Call For Nominations:  
2004 New Faces of Engineering**

It's time to start gathering nominations for 2004's New Faces of Engineering. Sponsored by National Engineers Week, 'New Faces of Engineering' is a recognition program that seeks young engineers who are interested in working on a high-profile project.

Top candidates (two to five years out of school) will participate in an email and/or online Question and Answer discussion forum with engineering undergraduates globally at a future date.

The deadline for nominations is Sept. 30, 2003. All nominations should be forwarded to June Scangarello, director of Public Information at [scangarelloj@asme.org](mailto:scangarelloj@asme.org)

For more information on the program, log on to:  
[http://www.eweek.org/site/News/Eweek/2004\\_nomination.shtml](http://www.eweek.org/site/News/Eweek/2004_nomination.shtml)

***New* SEMS Committee Structure**

The SEMS has adopted a new organizational structure for the 2003-04 year. Instead of the traditional officer listing of 15 positions, the leadership team has been broken up into four committees, under the executive leadership. The four committees are Education, Membership/Outreach, PR & Marketing, and Industry. Each committee is headed by one of the executive officers. The executive committee is guided by the section Chair.

The section is currently looking for volunteers to fill the committees. We encourage you to volunteer on a committee of your choice, or identify an opportunity or position that is not listed. Please contact Rebecca King at [rhk77@yahoo.com](mailto:rhk77@yahoo.com) if you are interested in joining or would like to learn more about the committees. We very much appreciate your help in any capacity, and thank you for your continuing support of ASME.

**Young Engineer of the Year Award**

**Rebecca King**

The Southeastern Michigan Section is proud to recognize Rebecca King as the Young Engineer of the Year, 2002-03, for outstanding commitment and service to the society. Rebecca has tirelessly served on the section's Executive Committee for over a year. Her major accomplishments include editing and publishing section newsletters, organizing the "EcoDesign and Manufacturing for Sustainability" special presentation, and leading several ASME meetings. Rebecca is currently serving as the section's Chair for the 2003-04 year. Rebecca started with Ford Motor Company in 1999 with the Ford College Graduate Program focusing on vehicle emissions. She now works in the Surveillance & Compliance Department ensuring End-of-Line emissions compliance for export vehicles. She recently completed a Master Degree in Manufacturing Engineering through the Program in Manufacturing at the University of Michigan. Rebecca just started in the MBA program at the University of Michigan. When she finds some free time, Rebecca enjoys singing with the church choir, playing the flute and playing volleyball.



ASME International



<http://sems.asme.org>

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5305 Wing Lake Rd.  
Bloomfield Hills, MI 48302

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Check out the **new** SEMS website for upcoming events, newsletters, & helpful links at <http://sems.asme.org>  
**Coming soon:** Officer Biographies, Job Postings, Section Committees, & Volunteer Opportunities

### SEMS Newsletter Gets a Face Lift

SEMS is proud to unveil the new 21<sup>st</sup> century looking section newsletter. Complete with color graphics, a beautiful Detroit skyline, and color photographs, the attractive newsletter is a can't miss read for section members. As printing and mailing costs continue to rise as a percentage of the section's operating budget, the section has decided to slowly phase out mailed copies through the remainder of 2003. With the advancement of technology, nearly every member has an e-mail account in which we encourage you to register with ASME so that you can receive e-mail newsletter notifications, as well as local section event reminders, and national opportunities within ASME. Please register your e-mail with ASME by calling 1-800-THE-ASME, or e-mailing Sheryl Miller at the Regional office, [millers@asme.org](mailto:millers@asme.org).

### "Stump the Engineer" - Monthly Trivia Question

In an effort to encourage members to visit the website and read the newsletters, a monthly Engineering Trivia Contest has been established. Each month a question will appear in the newsletter. Participants must go to the website and log-in their answer, along with their e-mail address. A winner will be chosen each month and receive a free ASME polo shirt. At the end of the year, a grand prize winner will be drawn from all the correct answers. The grand prize will be a new state-of-the-art Palm Pilot.

September Trivia Question

*What feature did the GM research team invent in 1973, and offered in a Chevrolet as an option?*

To answer this question and enter the prize drawing, go to <http://sems.asme.org/newsletter> and Click on **"Stump the Engineer" – Monthly Trivia Question**