



## From the Chair

By Tom Libertiny

We're continuing to execute our "What's in it for you" program. Based on your feedback, our latest initiative was starting our "offsite meetings." Our first one was held on 13 February at Cauley Chevrolet, Ferrari, Maserati and was a resounding success! The facility has a capacity of 50 and we sold out the meeting very quickly and unfortunately had to turn away nearly 50 of our members. Jeff Cauley and Michael Copenhaver hosted our event with Jeff giving us a private tour of all of the Cauley buildings and the beautiful cars. Some of the highlights of his tour included:

- Showing us the Corvette that his team fielded for the 24 hours of Daytona in 1999 (production based), which started in 84<sup>th</sup> place and finished in 26<sup>th</sup> place.
- Description of the Corvette team's adventures at the 24 hours of Daytona in 1999 and 2000 which culminated in a win at the 2001 Daytona race and a win at the 24 hours at Le Mans. This race was the last major race that Dale Earnhardt would compete in prior to his untimely death a few weeks later.
- Did I mention the cars? Ferraris, Maseratis, and Corvettes.
- A drawing for free car detailing.
- The usual great food and drinks.
- Please see the article from Michael Copenhaver (included in this newsletter) as well as the photographs on our website.

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/)

**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. 4 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  
President's Conference Center  
Lawrence Technological University  
21000 W. Ten Mile  
Southfield, MI

Keynote Presentation:

### Job Hunting Techniques

Presented by:

Jennifer Llewellyn and Walt Tarrow

Speaker Bios are on Page 2.

Please RSVP to [straffonm@asme.org](mailto:straffonm@asme.org) if you plan to attend.

**April Meeting – Wednesday, April 10<sup>th</sup>.**  
Time and Location not confirmed at press time.

Keynote Presentation:

### Achieving Your Goals Through Hypnosis

Presented by:

Cedric L. McSween Sr. C.Ht.

Speaker Bios are on Page 2.

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## From the Chair (continued from Page 1)

The evening was capped off by Jack Spielman's presentation on PowerPoint. I know I learned several new features of this program that I didn't know existed. As well as, what not to do.

All of this fun has increased active participation in our section from a handful to over 50 members. Here's how we're doing on our Areas of Focus:

- 1) Outreach to students. Recruiting engineers in undergraduate school and high school into the society
  - Status: We have several leads on our new Vice-Chair would act as our liaison between our section and our student sections.
- 2) Professional Development and Continuing Education
  - Status: Harry Indig's free (for our members) PE Exam Review course begins on February 23<sup>rd</sup>.
- 3) Meetings featuring either an industry leader (keynote speaker) or held at an interesting venue
  - Status: Mike Schwartz continues our monthly keynote speaker program.
  - Status: Tom Liberty started our "off-site" meetings
- 4) Communications and Networking
  - Status: Mary Straffon started her monthly newsletter
  - Status: Tom Liberty moved our "on-site" monthly meetings to the President's Conference Center at Lawrence Technological University, Southfield, Michigan.
  - Status: Dave Kramer has started regular website updates.

At our last meeting, we received feedback including:

- What are our vision and mission statements?
- With all of the engineering societies in and around our section and everyone's limited time, we should be teaming up with other engineering organizations.

On the second point, Mike Schwartz is working toward that goal as I write this article. If you have feedback regarding the first point, please E-mail your suggestions to me. As always, your feedback is welcome: [libertynt@asme.org](mailto:libertynt@asme.org)

Thank you to everyone that's helped out.

## March Keynote Speakers

Jennifer Llewellyn and Walt Tarrow

Jennifer Llewellyn, CDF Training Specialist Troy Career Center <a href="http://www.troycareercenter.com">www.troycareercenter.com</a>	Walt Tarrow Employment Services Corporate Opportunities JVS <a href="http://www.jvsdet.org">www.jvsdet.org</a>
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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.

## April Keynote Speaker:

Cedric L. McSween Sr. C.Ht.  
Trainer/Motivational Speaker/Hypnotherapist

Cedric McSween Sr. is a graduate of the Infinity Institute of Hypnotherapy and The National Federation of Neurolinguistic Programming. McSween holds a Bachelors of Science degree in Communications and is an active member of The International Medical and Dental Hypnotherapy Association.

McSween is also part owner of G.T.I., a Telecommunications Solutions Provider located in Michigan. His community involvement includes serving on various boards, commissions and service club organizations such as The Optimist Club which serves as friends of youth Internationally.

A powerful motivational speaker, he conducts seminars and workshops on building self-confidence, motivation management, goal setting, team building, improving sales, and customer service to schools and the business community.

He is highly skilled and recognized as a professional trainer, with over 15 years experience in corporate management.

Cedric says "To uplift the hopes of everyone I touch is not just a goal, it's a passion."

His Creed is: Allow the inner powers of your mind to help you through life's challenges, because SUCCESS is yours for the asking!

## An Evening to Remember.

"Michael J" Copenhaver of the Jack Cauley Chevrolet organization along with company president, Jeff Cauley, were pleased to host the February 13th, 2002 business meeting of the SEMS - ASME at our company's dealership located at 7020 Orchard Lake Road in West Bloomfield, Mi.

The monthly meeting was highlighted with a special agenda that included a rarely given but extraordinary "tour de inspection" of the entire Cauley dealership facilities. Mr. Cauley personally guided this tour which included not only our General Motors facility but also our recently constructed Ferrari facility.

As engineers, you know that Ferrari automobiles are more than transportation. In fact, they are internationally regarded as the pinnacle of engineering and the acme of the manufacturing process. Further, they are just beautiful to look at up close! The entire Cauley organization takes pride in being top ranked in both customer service and purchase experience.

Our commitment to excellence extends from the smallest detail to the most complicated of transportation requirements. The "works" so to speak. Speaking of the "Works", an auto detailing special of that name (value \$129.00) was the door prize for a business card raffle at the conclusion of the tour and business meeting.

If additional information is desired feel free to contact me by email # michaelj@jackcauleychev.com or phone #248-855-9700 x303. For those interested, don't forget to ask me for a disc that will demonstrate the on line purchasing experience with all of its advantages.

Michael J Copenhaver

### CONGRATULATIONS

To

**Neil Anderson  
Amiyo JK. Basu, Ph.D., P.E.**

Section Members recently elected ASME  
FELLOWS

### ASME Undergraduate Scholarship and Loan Deadlines are Fast Approaching!!

The application postmark deadline for ASME Student Scholarships is March 15, 2002.

The postmark deadline for ASME Loans is April 15, 2002.

Details and application forms for both programs can be found on the ASME Financial Aid website, [www.asme.org/education/enged/aid](http://www.asme.org/education/enged/aid), or contact Theresa Oluwanifise, [oluwanifiset@asme.org](mailto:oluwanifiset@asme.org) for more information.

### Here's Your Opportunity to Propose Individuals for Society Office

The future success of the Society depends on the effective utilization of the knowledge and abilities of its individual members. If the Society is to improve or refine its present programs, it is essential that the members continue to select new officers who are capable, dedicated individuals with exceptional leadership qualities.

The 2002 Nominating Committee, consisting of 38 voting members, urges that you submit your proposals now. As part of its selection process, the Committee will study each of the written proposals submitted on behalf of all proposed nominees for office and will interview the proposed nominees and their supporters.

The Nominating Committee will select 13 nominees for Vice Presidential positions for the 2003-2006 term. There will be five Regional Vice President positions (I, VII, IX, XI and XIII); three Engineering Vice President positions (Engineering & Technology Management, Environment & Transportation, and Int'l Gas Turbine Institute); two Codes and Standards Vice President positions (Conformity Assessment, and Safety Codes & Standards); and three other Vice President positions (Engineering Education, Government Relations and Member Interests & Development).

The Nominating Committee will select three nominees for the member-at-large positions on the Board of Governors for the 2003-2006 term, and a nominee for President for the 2003-2004 term.

If, as a member of ASME, you are interested in submitting a proposal for any one of the above elective offices, please contact Rita M. Patterson, secretary, 2002 Nominating Committee, at 409-772-9071, [rita.patterson@utmb.edu](mailto:rita.patterson@utmb.edu). The nomination package is available at <http://www.asme.org/honors> or copies may be obtained from Gilda A. DiTullio at ASME Headquarters at 212-591-7736, [ditulliog@asme.org](mailto:ditulliog@asme.org). The deadline for submitting completed proposal forms is **April 15, 2002**.

## 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 Auditorim. 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

## LEADERSHIP DEVELOPMENT INTERNSHIPS AVAILABLE

ASME offers six positions annually for younger members called Leadership Development Initiative (LDI) internships. These positions are open to members who are between five and ten years past receiving their bachelors degree. The interns, while keeping their regular jobs, are selected to serve a one-year, unpaid internship with one of the five operating councils at ASME, or with the Board of Governors.

During these internships, the participants are expected to attend the meetings of their assigned unit, sit at the table with the more senior volunteers and gain insights and understanding into the operation of their society.

Many graduates of the LDI Program have continued on in important leadership positions on the local and regional levels and beyond. Two of ASME's current Vice Presidents are graduates of the LDI Program and credit in part their rise to the participation in the program.

Internship follow ASME's fiscal year and begin and end in June, at the Summer Annual Meeting. The class for next year has just been selected, but the interns have not yet been notified.

Applications may be made at any time, but the next deadline is in December 10, 2002. For more information, contact Warren Leonard at ASME Staff at [leonardw@asme.org](mailto:leonardw@asme.org), or check out the website for information on the LDI Program at [www.asme.org/member/ldi.html](http://www.asme.org/member/ldi.html)

### Free Seminar on Specifying Surface Texture

The ASME B46 Committee is sponsoring a free Seminar on "Specifying Surface Texture" in conjunction with their Committee meetings. The Seminar is scheduled for April 10, 2002 in Romulus, Michigan from 8:00 AM to 5:00 PM. For a brochure and registration information go to <http://www.asme.org/codes/b46sem2002.html> Space is limited.

### Into bicycling? Like to design and build things?

#### Challenge Your Ingenuity and Endurance in the HPV Challenge!

For the first time, the Human Powered Vehicle competition (HPV) will be held in two locations in 2002. The HPV competition will be held in Reno, Nev., April 26-28 and in Blacksburg, VA, May 17-19. Teams are encouraged to participate in either or both locations.

HPV is a real-world experience in product development – and an opportunity for an engineering capstone design project that requires a full spectrum of engineering skills from design to manufacturing and testing. Each team completes an in-depth report, and presents a summary of the vehicle design and testing for judging by experienced engineers. Teams demonstrate the capability and safety of the vehicle through sprint and endurance events.

Designs may include one or more entries in three vehicle classes – single-rider, multiperson and utility vehicles. Competition awards include cash prizes for best overall scores in each of the three vehicle classes. Prizes may be awarded to both the student teams and the Mechanical Engineering departments they represent.

The rules for the competition are posted at, [www.asme.org/hpv](http://www.asme.org/hpv). More details and registration information for each location will be posted on the site as they become available. If you are thinking of participating, or just love good competition, mark the dates on your calendar and make plans to attend!

### Voices Of Innovation

A new daily public radio program, "Voices of Innovation," launched by the American Association of Engineering Societies with generous support from ASME, will feature some 200 engineers in 2-minute programs that explore and celebrate the world of engineering. The program will begin airing in April 2002. To be considered for one of the programs, engineers need to submit a story idea form, which is available at [www.voicesofinnovation.org](http://www.voicesofinnovation.org).

### 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.

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Open

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