

Editor: Aaron Andry

Chairman's Corner

As we near the end of the Section year, it is time to elect officers for the coming year and move forward with the planning of next year's programs. Confirmation of officers will take place at the March 2005 meeting. The slate of officer elects for the coming year is:

Chairman – Ray Miller, Volkert Engineering
Vice Chairman – Aaron Andry, Mitsubishi Polysilicon
Secretary – Lance Steed, Fluid Engineering
Treasurer - Scott O'Briant

I want to remind everyone that the annual golf tournament is now scheduled for April 29 at the Linksman Golf Course in Mobile. This is a very important fund raiser for the Section's annual ASME Scholarship to a Junior engineering student at the University of South Alabama. The Section has set a goal for next year of awarding two scholarships. We would like to have 20 teams of four. This would allow us to meet our goal for next year. Please come out and join us. It is a worthy cause and a lot of fun. Oh by the way, we need hole sponsors and prize donations as well.

Speaking of the ASME Scholarship, this year's recipient was Roy Darby. Roy was selected based on his excellent academic record, his overwhelming interest in the engineering profession, and a clear need as Roy supports a family by working part-time as well as carrying a full course load.

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March Chairman's Corner (continue)

Roy was presented ASME Scholarship at the annual MACE Banquet in February.

The Section, in keeping with its charter to support the USA Engineering Student Section, donated \$500 to help fund a team of mechanical engineering students participation in the ASME Student Design Contest begin held at the Regional Student Conference in Jacksonville, Florida. The team will design and build a bulk material transporter and will compete with students from schools from Mississippi, Florida, Georgia, western Tennessee, and other Alabama schools.

Another worthy cause supported by the Section is the 2005 Southwest Alabama MATHCOUNTS Chapter Competition. The section donated \$300 to support this event.

The officers for the coming year will continue to make the Section a valuable contributor to the engineering profession in this area. Your support and continued participation is the reward the officers and the executive board members get for their hard work and dedication to the Section

Keith LaFleur
Chairman

UPCOMING EVENTS

2005 ASME Scholarship Golf Tournament Friday, April 29th at The Linksman

Please complete the attached registration form and mail it with your check (**payable to ASME**) to:

Fluid Engineering
5821 Rangeline Rd.

Theodore, AL 36582

(Prior to mailing, please email a copy in **C/O: Golf Tournament** to expedite registration):

ATTN: Lance Steed

email: david.b.harris@ngc.com



2005

ASMEScholarshipGolf



Celebrating 125 Years of ASME

Log onto www.asme.org/anniversary for up-to-date information on events for ASME's 125th anniversary, as well as how your local section can become involved.

125th Anniversary News

Comic Book Engineering

A new comic strip series about engineering has been developed to help young readers learn about engineering. *Heroes of Engineering* will feature monthly short stories covering 12 decades of significant mechanical engineering feats. The series was created as an online medium to educate young people about what engineers do and how they affect our lives. *Heroes of Engineering* is available on the ASME anniversary Web site at www.anniversary.asme.org/

Turbo Expo 2005 to Host Gas Turbine Power Summit

An all-star panel of five of the world's leading power industry executives will be featured the keynote session at Turbo Expo 2005 in Reno, Nev., June 6-9.

Presidents and CEOs from GE, Pratt & Whitney, Rolls-Royce and Siemens Westinghouse Power will discuss future technology needs and market opportunities for gas turbines. Turbo Expo celebrates 50 years as a premier event for the international gas turbine community. For more details visit the Web site at <http://www.asme.org/igti/events/te2005/keynote.html>, or contact Kevin Gaffney at gaffneyk@asme.org

EMentoring for Early Career Professionals

It's convenient and a great way to set the stage for a fulfilling professional career. Sign up for one of our MENTORS - a network of practicing engineers that can offer you advice, direction and provide you with resources that you can use to manage your career. Participation will give you the opportunity to expand your knowledge base, increase your communication and leadership skills and much more. <http://www.careerlifeguide.asme.org/recentgrad/ementoring.html>

ASME Past President Win Phillips Named to National Medal of Science Committee

President George W. Bush has appointed Win Phillips, Ph.D., vice president for research at the University of Florida, Gainesville, and past president of ASME, to serve a three-year term on the Committee on the National Medal of Science, the nation's highest scientific honor. The award, established in 1959, recognizes individuals who have made outstanding contributions to knowledge in the physical, biological, mathematical or engineering sciences. Dr. Phillips will serve along with 12 scientist and engineers appointed by the president to evaluate nominees for the award.

Partners In Mechanical Engineering Grants Available

The Board on Diversity and Outreach is accepting applications for Partners in Mechanical Engineering grants. All ASME Sections are eligible to apply. Grants are made on a first-come, first-served basis. For more information, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

Engineers Without Borders Needs Mentors!

Interested in contributing your professional and technical knowledge to make the world a better place? Want to support engineering students as they help others while learning the practical aspects of engineering? Become a mentor for an Engineers Without Borders, USA (EWB-USA) team!

By becoming a professional member of EWB-USA, you will have the opportunity to mentor student projects in your local area and across the world. Each month, we send mentor opportunities to our network of professionals. EWB-USA is looking for engineers with an interest and expertise in such areas as fundraising, project management, water resources, renewable energy, structural design and cultural knowledge.

As a project mentor you will oversee all the technical aspects of a project and be responsible for the selection of technology, engineering design, and prototype testing and field implementation. Along with the technical aspects of engineering, an understanding of sustainable engineering practices, openness to learning about sustainable practices in other cultures and a sense of adventure are needed!

For information on mentoring, a complete list of current projects and to volunteer, visit the EWB-USA website at http://www.ewb-usa.org/get_involved_professional_mentor.html.

ASME Offers Communities of Practice

Want to talk to your peers about technical matters, career and personal interests? Want to do that without going to a meeting or even leaving your desk?

ASME offers you a new tool to communicate, get the information you need and meet others with similar interests and concerns at the new ASME Communities of Practice site.

On the CoP site, you can join a community, suggest a new community, participate in discussions and polls, and post your own message or request to be notified when messages are posted on the community. It's your choice what communities you participate in, and how you choose to participate.

You will need to register the first time that you use the page, and set your preferences for your home page. It only takes a few moments – then you are ready to participate, or just observe the discussions. To date, there are already 143 communities and approximately 2,200 users. To visit the site, and test the features, go to www.cop.asme.org

FasTrack: Share Your Experience.

1. When you first started your career - what was the biggest lesson learned on the job?
2. What is the underlying foundation for career success today?
3. How do you keep up-to-date within your industry?
4. What advice would you give a recent engineering graduate looking for work?
5. Has your involvement in ASME changed or influenced your career path?

Submit responses to Cheryl Hasan at hasanc@asme.org. The first 5 to respond will receive *The Engineer Entrepreneur*, by Daniel T. Koenig (A \$65 value). Offer expires Friday, March 18, 2005, 10:00am.

Book details:

<http://members.asme.org/catalog/ItemView.cfm?ItemNumber=801934>

Replies will be featured in the FasTrack e-zine (<http://www.asme.org/youngengineers/fastrack/>) called "Q&A with Experienced Engineers (Five Career Questions Asked)".

Please include your name and job title, as it will be included.

The FasTrack is emailed to early career members. It provides quick online access to what's new and current in professional & technical resources including highlighting featured member benefits and enhancements, etc.

Student Activity Calendar

April

April 10 Entry Deadline: [Solar Splash](#)

April 15 [Summer/Fall Student Loans](#) – application deadline

April 15-16 [Fundamentals of Engineering Exam](#)

April 30 [Human Powered Submarine Contest](#) – Closing Date for application and fee

April 30 [2005 ASME Student Mechanism Design Competition](#) – Letter of intent due

Attend your [Regional Student Conference](#)

May

May 16 [Student Manufacturing Design Competition](#) – project description due

June

June 1 Letter of intent for [Hydro Power Contest](#)

June 10 [Solid Waste Processing Division](#) – Scholarships for graduate and undergraduate study – application due

June 30 [Student Section officer listing](#) due

June 30 [Student Section financial report](#) due

Continuity & Change Update

PMTF Decisions Continue Transition Process

The Project Management Task Force (PMTF) has made several key decisions enabling the Continuity & Change effort to move forward:

- All governing units of Sectors will be called Boards of Directors, replacing the current committee/council structures;
- The Center for Professional Practice and Development has been renamed as the Center for Professional Development, Practice and Ethics;
- And, a new project team template has been approved for [Knowledge & Communities](#).

For the latest information on Continuity & Change, log onto the newsletter:

<http://www.asme.org/change/IINEWSLTR0105.htm>

17 ASME Student Sections Receive Over \$22,000 for Outreach Programs

ASME's Board on Diversity and Outreach (BDO) has awarded \$22,250 to 19 ASME Student Sections to promote activities which result in attracting more women and minorities to become active in ASME and in the engineering community. The monies are awarded through BDO's Diversity Action Grant (DAG) Program, a competitive grants program open to all ASME Student Sections. Detailed information on the DAG Program may be viewed at <http://www.asme.org/communities/diversities/bdo/dag.html>. The deadline for applying for grants for the 2005-2006 academic year is November 1, 2005.

Engineers Needed to Help in Middle School Science Classes

RE-SEED (Retirees Enhancing Science Education through Experiments and Demonstrations) is a Northeastern University program that prepares engineers and scientists to provide in-classroom support to middle school science teachers with teaching the physical sciences.

After completing a comprehensive FREE training program, participants volunteer in a middle school on a regular basis often with another volunteer as a partner. Since RE-SEED began in 1991, close to 500 volunteers have been trained in about 100 communities throughout the country offering about 500,000 hours of their time.

Upcoming training programs will be held in Massachusetts (Boston, Lowell, and Worcester areas), New York (West Nyack), and California (Palo Alto). If you would like to participate, but do not live in one of these areas, we will work with you to explore the possibility of starting a RE-SEED chapter in your area. You can reach us at 888-742-2424 or reseed@neu.edu. You can also visit us on the web at www.reseed.neu.edu.

**MOBILE GULF COAST SECTION OFFICERS AND
COMMITTEE CHAIRS FOR 2004-2005**

Chairman	Keith Lafleur, PE	476-2342 x102	d.lafleur@mchsi.com
Vice Chairman	Ray Miller, PE	342-1070	rmiller@volkert.com
Treasurer	Lance Steed	605-1480	lsteed@fluid-eng.com
Secretary	Aaron Andry	443-6440	aandry@mpsac.com
Immediate Past Chair	Charles Busby, PE	443-5055	charles.busby@orion-eng.com
Membership Dev.	John Berry	228-938-4290	bejs@chevrontexaco.com
Member Interests	Jasper Reaves, PE	432-8265	jreaves@at-v.com
History and Heritage			
Government Relations	Bob Cooper, PE	471-4977	Rlcooper3@comcast.net
Honors and Awards			
University Relations	Lanier Cauley, PhD, PE	460-6168	lcauley@jaguar1.usouthal.edu
Technical Activities			
Industry Relations	Jack Ehlenberg, PE	450-4751	jehlenbe@mobile-gas.com
Profess. Development			
Practices & Ethics			
BMW Regional Rep	Judy Anderson	666-0844	iceclipses@comcast.net
Golf Tournament	David Harris, PE	228-935-3675	
Golf Tournament	Larry Kilgore, PE	450-7863	larry.kilgore@halliburton.com
Golf Tournament	Keith Tinnell	675-0704	ktinnell@msp.us.jnj.com
Golf Tournament	Charles Busby, PE	443-5055	charles.busby@orion-eng.com

**SECTION OFFICERS FOR THE UNIVERSITY OF SOUTH ALABAMA STUDENT
SECTION FOR THE 2004-2005 PROGRAM YEAR**

Chairman	Ramin Sadeghian
Vice Chair	Chris Holley
Secretary	John Cieutat
Treasurer	Matthew Dunn
Ingersoll Rand	Maryham Baghaei