

Letter from the Chairman – January 2009

Dear Members:

Here is a summary of December's events:

The Executive Committee met on December 4, and the December newsletter was published on December 16.

The Professional Development Mechanical Insulation Course Tallahassee Section delivered on November 20 was a success, netting the section approximately \$1200, which will be directed toward delivering programs for the Section.

Once again I request that you please give thought to the following: The Section Bylaws specify that FY 2010 officers, who will serve from July 1, 2009 until June 30, 2010, shall be nominated and elected between February and April of 2009. The leadership of Tallahassee Section for several years has been a handful of committed people who have rotated in the Section Officer and Executive Committee roles. We would sincerely welcome greater participation of its other members in these roles. There is a potential for many benefits from this, not the least of which is the opportunity for introduction of new ideas to make the section of greater service to the general membership. If anyone might have such an interest, please contact me.

The Executive Committee again thanks those who have participated in the programs we have organized. Your participation is our reward. Your qualms, quibbles, contributions, comments, and suggestions are welcomed.

Siddhartha Kamath, PE, FY 2009 Chair
Email: kamaths2@asme.org

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2009 CALENDAR

January 30 – Governance and Engineer's responsibility – this meeting is open only to Members, not student members and lunch is free.^x

February – Engineers Week Activities.

March – City of Tallahassee Smart Metering Update.^x

April – Joint meeting with FAMU/FSU Student Section re: Prep. for RSC. Location and time TBA.

May – City of Tallahassee DSM update.^x

June – Technical Presentation – Geothermal Heat Pumps.^x

July – TBA.

August – Welcome Back Students Dinner Meeting.

September – Technical Presentation – HVAC Ice Storage Systems.^x

October – Tallahassee Area Solar Systems: Public and Private.^x

November – City of Tallahassee Advanced Wastewater Treatment Project.^x

December – TBA.

^x "Lunch and Learn" at the Golden Corral, North Monroe St.

TALLAHASSEE SENIOR SECTION

ASME Fellowship

ASME's Fellowship program is one of the most effective programs through which ASME can provide direct technical expertise to the Administration and Congress.

ASME is currently seeking applications for our 2009-2010 Federal Government Fellowships. A description of the program and positions is available at the link below:

http://www.asme.org/NewsPublicPolicy/GovRelations/Programs/Federal_Government.cfm

Additional information on our Fellowship program is also available at the links below:

<http://www.asmefederalfellows.org/>

Please contact Kathryn Holmes if you have any questions:

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STUDENT SECTIONS

FAMU-FSU Student Chapter Visits Grumman in Pascagoula

~ Michael Grgas, junior

On Wednesday, October 1, the FAMU-FSU Student Chapter of the American Society of Mechanical Engineers (ASME) visited Northrop Grumman Ship building in Pascagoula, Mississippi. Just under thirty students attended. The sophomore, junior and senior ME students arrived at the College of Engineering just before dawn for the five hour bus ride to the facility.

Northrop Grumman is a mega-corporation comprised of over 120,000 employees, and is ranked #76 on the 2008 U.S. list of Fortune 500 companies. At the Pascagoula location where the students visited, some of the largest surface combatant naval warships are produced. Upon arrival, the students were taken on a guided tour of the 350 acre facility. Students interacted with senior mechanical and electrical engineers, and were given an in depth look into the build process. All construction takes place on location. The ships are built in pieces and are assembled from the bottom up. Upon completion, they are field tested in the Gulf of Mexico before being deployed around the world.

Lunch was provided off the shipyard where students met with recent NG hires. The Pascagoula location centers its hiring on schools in the Southeast and Gulf Regions. The new employees gave the students an overview of the hiring process, and their first year at NG.

Students later returned to the shipyard for an oral presentation on NG's latest development, the DD(X) 1000 Zumwalt-Class Destroyer. The design process for the new ship class has been underway since 2001. The first ship is proposed to be floating in the next few years. After the presentation, senior students were given interviews with hiring personnel. Contact information was provided for junior and sophomore students seeking future internships. Northrop Grumman and the College of Engineering have a close relationship that the two plan on strengthening over the next few years. The student chapter of ASME would like to thank Northrop Grumman Shipbuilding for its hospitality on its recent trip and look forward to continued involvement together.

TCC Engineering Club – The Club continues to work on the FSGC Rocket Competition project.

ASME INTERNATIONAL

Call for Nominations: Old Guard Early Career Engineer Award

Recognize outstanding early career engineers who actively involve themselves in their profession, their communities, and the work of ASME!

The Old Guard Committee honors ASME members that have made great strides in the engineering profession, community and the work of the Society by sponsoring this Award, established in 1994. Eligible applicants must be a current ASME member who has received a baccalaureate degree in mechanical engineering between Feb. 1, 2003 and Feb. 1, 2005.

A Grand Prize of **\$5,000 cash plus an ASME prepaid life membership** will be awarded to one successful candidate at the 2009 ASME International Mechanical Engineering Congress and Exposition. All contestants will be notified of the Committee's final decision by July 1. Two Runner-Up Prizes of prepaid life membership may also be awarded. All prize winners will receive a plaque as a commemorative gift.

Nominations **must** be received by **Feb. 1, 2009** to be considered for the award. All applications should be accompanied by supporting documentation, a copy of the nomination form, and forwarded to Cheryl Hasan at hasanc@asme.org c/o Old Guard Early Career Award.

For the nomination application and more information visit <http://files.asme.org/asmeorg/Communities/EarlyCareer/8026.pdf>.

Volunteer with ASME / Find a Volunteer

Looking for a new adventure at ASME? Need a volunteer to help your group get on track? The Volunteer Opportunity Bulletin Board (VOBB) is the one-stop resource for those interested in finding open volunteer positions and groups needing enthusiastic volunteers for their ASME local, District and/or national level committees. Designed to help volunteer leaders promote and fill volunteer positions throughout ASME, the VOBB opens the door to new opportunities.

To learn more about the VOBB and the volunteer positions available, go to <http://volunteer.asme.org/vobb/>

THE ASME
FOUNDATION



ASME – ASME Auxiliary *FIRST* Clark Scholarship

Are you a *FIRST* Robotics volunteer? Did you know that the ASME Foundation and the ASME Auxiliary sponsor a scholarship specifically for HS seniors who are on a *FIRST* Robotics team? If so, this information is for you!

About the Award

The *FIRST* Clark Scholarship recognizes and rewards students whose *FIRST* experience has inspired the pursuit of an engineering career. In 2009, the ASME Foundation and the ASME Auxiliary will award eight \$5,000 scholarships to high school seniors active on *FIRST* teams, who are nominated by ASME members, ASME Auxiliary members, or student members who are also active with *FIRST*. These awards will be for the freshman year of study (non-renewable) in an accredited mechanical engineering or mechanical engineering technology program. The recipients will be announced at the *FIRST* National Championship.

Nomination and Student Eligibility

Members of ASME, including ASME Auxiliary and student members, may nominate no more than one student each. Students must be:

- Graduating high school seniors active on *FIRST* teams
- Planning to enroll full-time in an ABET-accredited or substantially equivalent mechanical engineering or mechanical engineering technology program, no later than the fall after their senior year in high school.

APPLICATION DEADLINE: MARCH 15, 2009

For more information, on this or other ASME financial aid opportunities, visit our web site at:

http://www.asme.org/Education/College/FinancialAid/Auxiliary_FIRST_Clarke.cfm

Tomorrow's ASME Leaders: Are You Ready for the Challenge?

Do you feel strongly about the direction you would like ASME to take? Are you passionate about new ideas and initiatives? Are you ready to step up and lead? If so, why not become an ASME leader today!

Consider running in June 2009 for the following offices:

ASME president — one-year term

Board of Governors member — three-year term

In addition, the Nominating Committee is currently accepting nominations for five ASME vice president positions, each carrying a three-year term:

Vice President of Professional Development, Practice & Ethics (Centers Sector)

Vice President of Public Awareness (Centers Sector)

Vice President of Standardization and Testing (Codes and Standards Sector)

Vice President of Affinity Communities (Knowledge and Communities Sector)

Vice President of Financial Operations (Knowledge and Communities Sector)

Please visit the Nominating Committee Website for information on "How to run for a Society Office"

http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm

or contact RuthAnn Bigley at bigleyr@asme.org.

VOLUNTEERS NEEDED! ENGINEER YOUR LIFE

Help Inspire the Next Generation of Young Women to
Become Engineering Leaders!

ASME (as part of its Engineers Week collaboration) actively supports Engineer Your Life (EYL), the national campaign to encourage college-bound girls to consider engineering enrollment.

A key element of EYL outreach is collaboration with the college counseling community through the National Association for College Admission Counseling (NACAC). We are asking for volunteers – engineering and engineering students – for high school fairs throughout the U.S. this fall.

Cities, dates and locations of fall fairs can be found at http://www.eweek.org/site/pdfs/college_fair.pdf For more information or to sign up, contact Marina Stenos at 212 591 8614 or stenosm@asme.org. For more information about Engineer Your Life, visit www.EngineerYourLife.org

ASME Salary Survey

Participate in ASME's Salary Survey get a **FREE** salary report based on your experience level and geographic area. Visit <https://asme.enetrix.com> and see how you compare! **ASME Member Exclusive!** Purchase comprehensive, custom reports at a discount price.

ASME E-Library

The ASME E-Library is a members-only benefit that allows you to access online collections of engineering reference books to help you answer questions and find practical solutions to daily on-the-job problems.

As an added bonus, the ASME E-Library is powered by Knovel, whose interactive and user-friendly technology gives you the ability to manipulate and search for content across the entire collection quickly and easily.

To learn more, go to

<http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>"

Call for Mentors! Ementoring Opportunities for Early Career Engineers.

Mentors are a great way to gain knowledge and learn from the experiences of experts in your field. ASME offers an e-mentoring service right at your fingers!

To learn more and sign up for mentors, or to register to become a mentor, log onto

http://www.asme.org/jobs/mentoring/Ementoring_Early_Career.cfm or contact Noel Netel at neteln@asme.org

Where Have All the History & Heritage Chairs Gone?

In 1997, Paula Cole had a top-20 hit entitled, "Where Have All the Cowboys Gone?" Though I wasn't a great fan of the song, I can't seem to stop the tune running through my mind as I lament ... where have all the History & Heritage Chairs gone?

Several years ago, I proudly served as the Regional H&H Chair for the old Region X, which encompassed Texas, Oklahoma, Arkansas, Louisiana, and Mexico. We had a vibrant, active History & Heritage program, with designated H&H Chairs in most Sections. Over a 3-year span from 2002-2006, various Sections across Region X submitted 16 Landmark nominations, and achieved & designated seven new Landmarks; a regional pipeline that generated an average of two new Landmark designations per year. Yet, in 2007, there were none. In 2008, there was only one new Landmark designation. What happened?

"Ok..." I think, "maybe my old stomping grounds is an anomaly. I'll look at the Society in general." A short 15 minutes of research proved that Region X is not an exception, but rather the rule, as what I discovered was not encouraging.

From 1995-2005, the Society - as a whole - designated an average of five Landmarks per year. Furthermore, in this 10-year timeframe there were *never* two consecutive years in which fewer than five Landmarks were designated. However, in 2007 & 2008 only **two** new Landmarks have been designated, *in total*.

Only a few years ago, the majority of local Sections throughout the country had a History & Heritage Chair - a single history-minded individual who scanned his/her geographical area for bits of engineering that might rise to the significance of Landmark, who networked with other H&H Chairs throughout the country, and who championed the formidable yet satisfying task of identifying, nominating, and designating new Historic Mechanical Engineering Landmarks. Unfortunately, as I search Section websites today, I find to my dismay that the majority of such positions have been vacated or, worse...eliminated.

Is our Landmarking program dying?

The Landmarking program is an integral component of the Society's public awareness strategy. Landmarks serve as constant visible reminders of the rich heritage and contribution to society of our chosen profession, a profession that has shaped not only our own lives, but the lives of billions of individuals throughout the world in fields as diverse as agriculture, manufacturing, food processing, aviation, energy, transportation, recreation, and more.

It is by celebrating the past achievements of our profession that we most effectively educate the public as to the societal value of Mechanical Engineering, and inspire future generations of engineers to follow in our footsteps.

I write this article as an open call for the support of all members who have so much as a passing interest in the history of Mechanical Engineering. I know you are out there, and I ask you to join me in reviving our Society's History & Heritage Landmarking program.

Getting started is but a few mouse-clicks away. Navigate your browser over to the *ASME History & Heritage Community* on ASME Peerlink, the Society's online networking tool. Start a thread, post a question, or just join in & add your thoughts to a general discussion. Peerlink offers us the opportunity and capability to meet from half-way around the world, to learn from past experiences, share ideas & opportunities, and to create a support network to encourage and assist each other in identifying Landmark opportunities and turning them into official Landmarks.

Take the first step. Join me at <http://peerlink.asme.org/COP/HistoryandHeritage/> or email me directly at mwpowell_08@yahoo.com. I look forward to working with you!

Mark Powell

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If you would like to become a *sponsor* of the Tallahassee Section, please contact Siddhartha Kamath, Chair, at kamaths2@asme.org

ASME International Tallahassee Section publishes this newsletter six to eight times a year. Members are requested to e-mail newsworthy articles to Doug Jones, Newsletter Editor, jonesd2@asme.org or to Siddhartha Kamath, Chair, kamaths2@asme.org