



Section Officers

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Bob Simril

Vice Chairperson
David Summers P.E.

Treasurer
Chris Myers P.E.

Programs Committee
Co-Chairs
Philip Jones P.E.
Abraham Syed

Professional Development
Committee Chair
Don McConnell P.E.

Industry Relations
Committee Chair

Membership
Committee Chair

Media Committee Chair
(Webmaster/Newsletter PR)

Quality Systems
Committee Chair
Bruce Kovacs

STUDENT SECTIONS

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Karen Thorsett-Hill
Student Section Chair
Pheng Vang

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Jesus Gonzalez
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Message from the Chairperson

9/13/2014

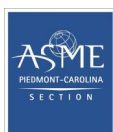
Fall and then the Holidays are quickly approaching. The meeting calendar for 2014 -2015 is set with dates and types of Events whether they be Dinner Events or Plant Tours. Plans are underway for National Engineer's Week in February. The Executive Committee is meeting monthly in order to follow the process of operating our Section. ASME is going through a change in New York. Many say "it's for the best", many say "not so sure" some who resist change say "what a mess". Regardless, a change is underway and like all changes we will have to wait and see.

Change is a necessary and interesting topic. The fact of ageing brings it about whether we like it or not. Look in a mirror, change from yesterday. When I think about the Engineering Profession in our ASME Section, I wonder if we have not changed in our attitudes over the years. There seems to be more of a spirit of apathy rather than one of new innovations, ideas, involvement, support, etc. Many seem to be comfortable with letting someone else do it. There is a variety in the occupational application of the various industries represented in our Section. There should be an equal variety in interest shown, involvement, participation. We hold Events and see the same attendees show up in attendance. Those on the Executive Committee ask continuously what can we do different to get more participation? The more I witness this, the more I question how Engineers actually feel about their Profession. Recently your Section conducted a survey. Like most surveys, the input was minimal. Surveys are a dime a dozen I know. However, if one does not attend vents, how does one ask questions? The first question on the survey was "How do you perceive the Engineering Profession is ranked among professionals in the local area?" Thus far the total number of answers ranks the Engineering Profession below that of Doctors, Real Estate Professionals, Financiers, Ministers, Bankers, etc. Not necessarily in that order but you get the idea. With so much national attention to S.T.E.M., employers saying they cannot find the skills they need, the market improving in the number of opportunities for employment, why is the Profession ranked so low by our peers? Have suggestions pertaining to answers, let me hear from you.

Reminder from the last Message. This is the time of the year when ASME sends out the Annual Membership Dues Notices many of us forget about until September since the due date is October 1st. Some of you may not be the forgetful type and pay them when you receive the notice.

There is a place on the renewal card under SUGGESTED CONTRIBUTIONS, item 2. Sections with the amount of \$10.00 filled in. There are two other options you may elect to contribute to. My focus is the Sections line. Because of that, I want to tell you about an action the Section Executive Board took last year. We voted to take all monies the Section Membership contributes under SUGGESTED CONTRIBUTIONS and allocate that amount to the Students Sections your Section charters. There are 3, UNCC, CPC and RCC. This amount collected will be over and beyond any approved budget item the Executive Committee approves. Last year we received approximately \$1280.00 from your contributions. All of that went to the Student Sections.

I would encourage you to contribute to this item, it all stays local, it all goes to the Engineers of tomorrow.



Bob Simril

Piedmont Carolina Senior Section Chairperson

ASMESectionChairperson@charlotte-asme.org



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SECTION NEWS

Bring a Potential Member Reward (Senior Section Members)

Purpose: To encourage Senior Section Members who have co-workers at their place of employment or know of a ME in the Engineering community of our Section to bring them to an Event.

The Guest is not charged for attending.

A Guest is defined as a person who is actively involved in the Engineering Profession and who is not a Member of ASME.

Reward: The Section Member who brings the most Guest at the end of the 2014 – 2015 calendar year will be awarded with a certificate allowing him/her to attend all Dinner Events for the calendar year of 2015 – 2016 at no charge.

End of year recognition: The Section Member who brings the most Guest during the current ASME Calendar year (Sept. –May) will receive special recognition in the form of a certificate and write up on the web sites (2) as well as in the Newsletter.

The Guest who attend will receive information on ASME membership and will be followed up with to encourage their joining ASME.

Process:

If you are a Senior Section Member make reservations, identify your Guest by name, employer, position and their email.

Both of you will be added to the reservation list for that Event.

Your Guest does not need to purchase a ticket for that Event. We do however need a head-count by the cut-off date for all Events.



PIEDMONT-CAROLINA SECTION

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www.charlotte-asme.org

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SECTION NEWS

Events Calendar for 2014 – 2015 Calendar Year

(Speakers, Topics, Plant Tours will be announced)

Kick-Off Event

Senior Section Dinner Event
Thursday, September 18th

CLT Joules

Lori Collins - Executive Director

Main Speaker: Mark Delgado - Chief Executive Officer of Koyr

Senior Section Dinner Event
Thursday, October 16th

Joel Olsen President – O2 Energies, Inc.

Senior Section Plant Tour Event
Thursday, November 20th

Stainless Valve Company – Monroe, N.C.

Senior Section Spouse Night Dinner Event
Thursday, December 11th

Senior Section Spouse Night

Senior Section Dinner Event
Thursday, January 15th

National Engineers Week
Senior Section Dinner Event
Thursday, February 26th

Senior Section Dinner Event
Thursday, March 19th

Senior Section Plant Tour Event
Thursday, April 16th

Senior Section Dinner Event
Thursday, May 21st

Awards Night

Senior Section Dinner Event
Thursday, June 18th



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SECTION NEWS

2015 ASME Piedmont-Carolina Section Family Member Scholarship

APPLICATION DEADLINE: March 30, 2015

To recognize and reward students who have been inspired (intend) to pursue an engineering career, the ASME Piedmont-Carolina Section will award up to three (3) \$500 scholarships to current high school seniors for their first year of study (non-renewable) in an accredited Engineering or Engineering Technology program with an intended interest in mechanical engineering. The awarded recipients will be awarded in April 2015. Winners will be notified prior to the meeting.

Nomination Requirements

Applicants must be a current high school senior, and must be a son, daughter, or grandchild of a member of ASME, and planning to enroll full-time (minimum 12 credit hours) 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.

Applicants need to submit:

The scholarship application form

Two (2) Letters of Recommendation confirming character and intended interest in the engineering field (may be from the ASME member, teacher, coach, etc.)

Personal Resume

Short paragraph statement (500 words or less) relating how he/she became interested in pursuing an engineering education.

Submission Requirement

The nomination package (application, resume and essay) should be e-mailed to:

ASMESectionChairperson@charlotteasme.org AND Membership Committee Chair

For more info go to: <http://charlotte-asme.org/>

About ASME

ASME is a 125,000 member professional organization, active for more than a century in supporting the profession of engineering through establishing codes and standards, publishing technical journals, participating in educational accreditation, and hosting seminars and conferences. ASME is committed to promoting technological literacy, and supports the means for outstanding future engineers.



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Piedmont-Carolina ASME in promoting Professional Development is sponsoring PDH qualified courses for Engineers at the Extended Academic Program of UNCC.

You will find more information at <http://continuinged.uncc.edu/>

- NEW! Introduction to Heating, Ventilating, and Air-Conditioning Design**
Wednesday, October 29, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- NEW! Remaining Life Assessment of Corroded Pressure Equipment (Fitness-for-Service)**
Thursday, November 13, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- Design and Analysis of Piping Systems**
Friday, November 14, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- NEW! Net Zero Buildings: The Latest in Renewable and Sustainable Energy of Buildings**
Monday, November 17, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- NEW! 2014 National Energy Overview Update**
Monday, November 20, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- NEW! Employment Law for Engineering Professionals**
Friday, November 21, 2014; 8:00 am – 12:00 pm; \$130 4 PDHs
- NEW! Environmental Law for Engineering Professionals**
Friday, November 21, 2014; 1:00 pm – 5:00 pm; \$130 4 PDHs
- Electrical Engineering for Non-Electrical Engineers**
Monday, November 24, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- Leadership Skills for Engineers**
Friday, December 5, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- Forensic Engineering Update**
Thursday, December 11, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs
- NEW! Leading Six Sigma Projects as an Engineer**
Wednesday, December 17, 2014; 8:00 am – 4:45 pm; \$250 7.5 PDHs

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SECTION NEWS

ROBOTS COME TO DAVIDSON!



Through generous funding from ASME (Piedmont-Carolina section), Davidson Elementary is slated to begin its first Lego robotics team for the 2014-2015 school year. The team will be comprised of fourth and fifth grade students who have a strong interest in engineering and programming. Amber Stokes and the school's Talent Development teachers, serve as coaches. Community members and parents from related fields will serve as mentors for the program. Through the program, students will learn how to design and program the robots to navigate and complete sets of tasks. Davidson's team will compete in the STEMpalooza robotics competition that will take place in the spring of 2015 and will include teams from across the district.

So, do you live in Davidson, work in Davidson? Why not encourage your employer to support this S.T.E.M activity, why not volunteer to be a mentor?



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ASME NEWS

ONE ASME.



(That's the new logo)

What does this mean to me as a member of ASME and the local Senior Section? The engineering profession is changing in response to an increasingly globalized and interconnected world. Increased technological opportunities and changing global demographics have transformed not only the way people interact with information, associations, and each other, but also what those relationships mean to them. Traditional modes of society operation no longer adequately address these emerging needs and shifting expectations. To remain competitive and relevant, and to preclude becoming obsolete, ASME must change to meet the challenges of this rapidly changing world. ASME's Board of Governors (BOG) has adopted Pathway 2025, which represents a significant paradigm shift for the organization. Pathway 2025 is a conduit to realizing ASME's mission, which is to serve diverse global communities by advancing, disseminating, and applying engineering knowledge for improving the quality of life, and communicating the excitement of engineering. Key elements of Pathway 2025 are:

- A unified Society brand (One ASME)
- Increased strategic analysis to decide how to best use our limited resources
- Minimization of risk to the Society

To align with Pathway 2025 and thereby support the Society's direction, ASME needs to change. We need to better align the strengths of our volunteers, staff, and other participants to improve existing products and programs, and create new opportunities for engagement with interested people around the world.

- All groups (Institutes, Technical Divisions, Global Communities, and Affinity Groups) that previously reported to K&C and Institutes will retain their identity as groups and will continue to exist, interacting primarily on ASME.org, and engaging with all the Enterprise programs, products, and services.
- Instead of operating in silos, individuals and groups will have a better picture of Society strategies and initiatives, and will see clearly how they support One ASME. A flatter structure will provide more direct pathways for engagement, as well as an increased understanding of ASME resources, products, and services.

Law of physics "every action causes a re-action". This change has been in the process since last year. You see it on the new <https://www.asme.org/about-asme> site. For members to receive full benefit you need to log into ASME and create a Personal Profile. Once that is done you are free to join one of many "Groups" including our local Section Group at https://community.asme.org/piedmont_carolina_section/default.aspx. We have a total membership in our Section of approximately 825. As of today 33 have a Profile. The concern in all of the changes is that those who do not update and establish a Profile will be left behind and not receive full benefits of being a member.