

## Executive Committee

2008-2009

### Chairperson

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919-367-8640  
[hallr2\(at\)asme.org](mailto:hallr2(at)asme.org)

### Vice-Chairperson / Programs

Edwin Duncan  
919-749-4029  
[Eduncan\(at\)mindspring.com](mailto:Eduncan(at)mindspring.com)

### Secretary

Lee Barger  
(919) 732-5435  
[Lee.Barger\(at\)gmail.com](mailto:Lee.Barger(at)gmail.com)

### Treasurer

Miguel Roman  
(919) 368-5749  
[Romanma99\(at\)yahoo.com](mailto:Romanma99(at)yahoo.com)

### Director

Tom Jones  
(919) 567-2436  
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### Director

Michael Hiller  
919-851-0373  
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### Newsletter Editor

Robert Hall  
[hallr2\(at\)asme.org](mailto:hallr2(at)asme.org)

### Webmaster

Miguel Roman  
(919) 368-5749  
[Romanma99\(at\)yahoo.com](mailto:Romanma99(at)yahoo.com)

### Egg Drop

Your Name Here?

2007-2008

### Past Chairperson

Chris Yahnker, P.E.  
919-852-0746  
[yahnker1\(at\)asme.org](mailto:yahnker1(at)asme.org)

Honors and Awards, Membership, Industry Relations, Professional Development, Minorities and Women, and many other positions:

Open

## Annual End of Year Picnic

Article by Robert Hall

Our 2009 year-end picnic will be at Cox Air Field in Apex. Claude Burkhead (and fellow aviation enthusiasts) will provide a tour of the hangars and answer any questions. Some of the aircraft on hand include planes used for aerobatics, WWII military training, and business aviation.

We will have a presentation of our annual awards to distinguished volunteers & members. We will also hold our elections for the upcoming 09-10 year.

This meeting is free for all RSVP attendees. Spouses & children are welcome and encouraged to attend. Student Section members are highly encouraged to attend. This is a great opportunity to socialize and network with other members!

Dinner will be pig picking fare catered by a local restaurant so RSVP's are required in order to get an accurate headcount. Please register for everyone coming in your group by May 19th at 4 PM.

Attire is casual. In case of bad weather the picnic will be held in the hangar at the airfield.

**DIRECTIONS:** (must enter Airport Neighborhood Driveway from US64 westbound)

:From Raleigh to airport driveway • US64W for about 3.5 miles after it splits from US1 past Cary • After the stores/restaurants (Taco Bell and BoJangles) in Laura Village Shopping Center on the right, continue on 64W past "Apex Downtown Exit" about 0.5 more miles. (HWY 55 is too far.)

From west on US64E (must drive past the airport and then come back Westbound): • on US64E, drive past HWY 55 and exit US64E at the "Apex Downtown Exit" • Turn LEFT under US64 and immediately LEFT again so that you are now

### When:

Thursday May 21st  
5:45 Social and Sign-In  
6:00 PM Dinner  
7:00 PM Presentation & Tour

### Location:

Cox Airfield, Apex NC  
North side of Hwy 64

### Cost:

Free with RSVP

### Registration:

Register and pay for the event at EventBrite on the web at:  
<http://asmeencsmay09.eventbrite.com/>

heading back westbound on US64W

For Both. The airport driveway has large stone entrance markers! • Turn right onto the small paved Airport neighborhood driveway with large stone entrance markers on each side of driveway (look for '16'12' and '16'16' on stones). • Continue through woods along this winding driveway bearing left around a pond. • Continue up a hill, and around trees to the right toward the blue hangar and building on right. • Be very careful not to go straight after coming up the hills out of the woods, as the runway is at the top of the hill. • Exercise extreme caution as aircraft may be taxiing on the grass during day or night. Park your car on the grassy slope. • Don't drive, park, or walk on the top (flat) portions of the hill - - its a runway!

Make sure to sign-up at Eventbrite. You can even get a map to the location at the website:

<http://asmeencsmay09.eventbrite.com/>

## Short Course: Risk Analysis and Design FMEA

By Robert Hall

On Saturday, June 6th, we will hold a short course on Risk Analysis with a focus on one of the most popular tools, Design FMEA (Failure Modes Effects and Analysis.) This course will again be taught by Ted Karr, an ASQ Certified Six Sigma Black Belt. He will be coming to teach us about the history, current applications, and future of Risk Analysis methods. We are sure to have a great time based on the Design of Experiments class we had last year by Ted.

Risk Analysis is a key tool to ensure your designs will meet your customers quality requirements and some industries such as Medical Devices require the performance of it during the design process through regulation. A basic understanding of the tools used in the performance of Risk Analysis will help improve your designs and your work.

Ted is currently the Head of Industrial Engineering at Lenoir Community College and for over 14 years was an independent consultant and trainer for Project Management, Six Sigma, and Optimization of Products, Processes and Business Systems. He was previously an adjunct faculty member at East Carolina University, and taught Quality Assurance and Manufacturing and Materials classes. Ted has over 20 years of engineering and management ex-

**When:**

Saturday, June 6th  
10:00 AM — 3:00 PM (Lunch included)

**Location:**

Advanced Energy,  
Centennial Campus NCSU  
909 Capability Drive  
Suite 2100, Raleigh 27606

**Cost:** \$100 Members and Public  
\$25 Students (limit 5)

**Registration:**

Register and pay for the event at EventBrite on the web at:  
<http://asmeencsjun09.eventbrite.com/>

**Other:** 4 Professional Development Hours (PDH's)

perience with three Fortune 500 companies that produced Power Generation, Railroad and Rapid Transit, and Electromechanical products. Ted's previous product design experience centered on simultaneous engineering for new product introductions and the release of completed designs to manufacturing. Based on his education and experience Ted's courses deliver a well-balanced blend of theory coupled with real life examples. He is a graduate of NC State University with a B.S.I.E and holds an M.B.A. degree from East Carolina University. To learn more, please visit his website: [www.statcompass.com](http://www.statcompass.com).

Register for the event at:  
<http://asmeencsjun09.eventbrite.com/>

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## ASME Elections

Article by Robert Hall

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It is hard to believe, but we are quickly approaching the end of the 2008/2009 program year. As such, we have reached the time in our year where it is time to hold officer elections.

Like last year, we will elect a new Section Chair and Vice Chair/Programs Chair for the 2009/2010-year. This will help to prevent burn out for the people in those positions so they will remain active participants in the section and this enables the section to grow by introducing new ideas and enthusiasm into the leadership of the section. All positions on the Executive Committee have a 1-year term. Our primary elections will be held at the end of year picnic on May 21st as they always have been. We will give people the option of absentee voting via email ahead of time. An email ballot will be sent out in early May with instructions on how to complete it and return it to the section.

At this time, nominations for positions are open. You may nominate yourself or someone else for a position by sending an email to [asme.rsvp@yahoo](mailto:asme.rsvp@yahoo) to come with Nomination in the subject line. If you nominate someone other than yourself, please include that person's contact information so we may confirm their acceptance of the nomination.

With that said, a brief description of the positions is listed below. For more information you can visit the leadership page on our website or e-mail me at ([hallr2\(at\)asme.org](mailto:hallr2(at)asme.org)).

Elected Positions:

**Section Chair** - Oversees the business operation of the section. Uses the section demographics to identify member interests and target audiences for the various section programs and activities. Reviews and updates the section's business plan to continually track the section's goals and objectives. Tracks the section's activities, completes activity reports, and submits the merit based funding forms. Sets up and runs section planning meetings. Supports the other positions as needed. Actively recruits and develops talent as future leaders of the section.

Continued on next page.

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## Planning Meeting

By Robert Hall

**Planning Meeting:** May 13th 6:30 PM

Come meet other ASME members at our next planning meeting. Location: Lucky 32 in Cary at 7307 Tryon Road between US 1 and Kildaire Farm Road. A map can be found at the link: [http://www.lucky32.com/cary\\_map.htm](http://www.lucky32.com/cary_map.htm). Meeting will go over rest of year activities and ideas for next year. This is also your time to learn more about what is going on with the section and ways you can help. A bribe of dinner will be offered to all those who register for the event (limit of 14) at: <http://asmeencspm09.eventbrite.com/> by 5 pm on May 12th.

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## Continuation of ASME Elections

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**Vice Chair/Programs Chair** - Oversees the organization and planning of the various programs, activities, tours, and short courses offered by the section throughout the year. Helps create a balance of programs to appeal to a wide variety of members. Uses the section demographics to identify member interests and target audiences. Works with the meeting host/planner to coordinate the meeting locations, times, speakers, and food for the individual activities. Works with the Newsletter Editor and Webmaster to publish the events on Eventbrite, the website, and in the newsletter.

**Secretary** - Keeps the minutes and action items from section planning meetings. Keeps track to meeting attendance. Helps the Section Chair with compiling the information for activity reports, merit based funding forms, and section business plan.

**Treasurer** - Maintains the section finances. Deposits the funds collected at section meetings and activities. Writes checks to cover the expenses of section activities. Assembles and submits the annual financial report to ASME. Oversees the section Paypal and bank accounts and pays the Eventbrite invoices. Provides a treasury report at section planning meetings.

**Directors (2 positions)** - Provides guidance and input to the executive committee for programs and activities. Attends the planning meetings when possible and helps out at meetings where needed.

Past Chair and Past Past Chair - Provides input, guidance, and support to all executive committee and all volunteer positions.

There are also a number of volunteer positions available. Please visit our website [http://sections.asme.org/eastern\\_north\\_carolina/](http://sections.asme.org/eastern_north_carolina/) and follow the leadership link on the left hand side for more information about elected and volunteer positions.

We really need some new blood in the **Newsletter Editor** and **Webmaster** volunteer positions. We also need someone to step up and take on Eggdrop or another outreach event for next year. It was a shame we did not have the volunteerpower to put on the eggdrop event this year even with the title sponsor from last year there to do it again. If you have any interest in these positions please let me know or send an e-mail to the [asme.rsvp@yahoo.com](mailto:asme.rsvp@yahoo.com) site.

Thanks,

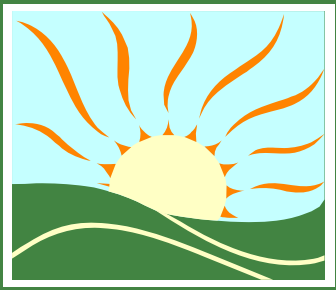
Robert Hall  
Section Chair 08-09

Place  
Postage  
Here  
For  
First  
Class

## Eastern North Carolina Section

American Society of  
Mechanical Eng.  
215 Lansbrooke Lane  
Apex NC 27502

We are on the Web!  
[http://sections.asme.org  
/eastern\\_north\\_carolina/](http://sections.asme.org/eastern_north_carolina/)



### On the Horizon

- May 13 – Planning
- May 21 – Picnic
- June 6 - Risk Analysis

Don't forget!  
Any local ASME member can join the  
Coastal Federal Credit Union



[www.coastalfcu.org](http://www.coastalfcu.org)