



The Western Palmetto Informer

American Institute of Chemical Engineers

September 2014

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Contact Information

Visit our website:

wsc.aiche.org

Email us at:

sec@wscaiche.org

Message from the Chair

Greetings fellow WSCAIChE members and professional friends! This year it is my pleasure to serve our section as Chair. Previously, I have served as Secretary and most recently as Treasurer. We have a strong group of officers and executive committee that have been working hard to put together another great year of speakers and tours.

Please help welcome a new face to our “WSCAIChE Officer Family”. Jacob Lindler, who has been a more recent attendee and a helpful hand last year, has stepped up to be our Treasurer. Conny Walker is returning as Secretary, where she has been an excellent change agent thus far. Mary Ferris will continue serving as Vice-Chair, and David Hine as Historian. Rick Vogel, our “Former Chair”, will be joining Karl McCaleb and Don Gurney to round out the Executive Committee. These individuals have been, and continue to be, integral to the succession of our chapter. Please thank, support, and share your ideas with them to make this the best possible chapter for you. We are always looking for new volunteers, so please step up and share your interest in getting involved!

Our section will continue its standard format which includes a visit to Clemson’s Student Chapter in the Fall and them visiting us in the Spring. We will again award a \$1,000 scholarship to one of their rising Seniors. In addition to this, we will continue our support for the South Carolina Regional Science & Engineering Fair by assisting in judging student projects, providing monetary awards and promoting engineering. This year our Executive Committee voted to double the awards given to Junior/Seniors to \$500.

An important change to note this year is our new venue: We are moving just down the road to Stax Grill by Haywood Mall in Greenville. On behalf of all of the Officers of WSCAIChE, we hope you have an opportunity to attend a few meetings/tours, learn something new, and get to know some fellow professionals.

Alan Vibber

FUJIFILM Manufacturing USA
Greenwood, SC

Upcoming MEETING - September 16, 2014

Note new location and menu selection!
At Stax Grill on Woods Crossing Road, near Haywood Mall

Process Safety Management Requirements, Challenges, Best Practices

This month we will welcome Kathleen Shell, CEO of aeSolutions. Kathy will provide an overview of Process Safety Management (PSM) requirements, challenges, and trends within the chemical industry, and introduce us to strategies for implementation of the process safety and safety instrumented system (SIS) lifecycle.

This presentation will provide attendees with a high level overview of process safety and risk management, the Occupational, Health and Safety Association (OSHA) and US Environmental Protection Agency (EPA) regulatory drivers, and the value of integrating it into the business model for industrial manufacturers. Highly visible incidents over the last ten years including BP's Texas City explosion, the Buncefield vapor cloud explosion, the Deep Water Horizon drill rig explosion, the Tesoro Refinery Fire, and the West Texas Ammonia Nitrate explosion have resulted in increasing public and agency scrutiny and delineation of ownership and accountability for process safety performance at all levels of a manufacturing organization. The presenter will share the challenges these organizations are facing and a number of the best practices that are evolving. There is an increasing need for competency in process safety from the general engineering community.

Kathy is a Professional Chemical engineer, with more than ten years experience as a Technical Advisory member and conference chair for the Mary Kay O'Connor Process Safety Center - TAMU. She was a 2014 Session Chair, and will be a 2015 Process Plant Safety Symposium (PPSS) Co-Chair for the AIChE Global Congress on Process Safety coming in April in Austin, TX. Her 30+ years of experience include business and project management, process safety and risk management, environmental engineering, process and detailed design, and installation and commissioning. Prior to her current role, she managed aeSolutions' Process Safety Line of Business, which offers process safety lifecycle services and software tools, and safety instrumented system (SIS) design services.

Please RSVP by 5PM - Friday, September 12th, 2014

Email Conny Walker at sec@wscaiche.org

Or use our Facebook Event - www.facebook.com/events/914484655233147/

SEPTEMBER Meeting Information

TITLE: Process Safety Management

DATE: Tuesday, September 16, 2014

TIME: 6:00 PM Social, 6:30 PM Dinner
7:00 PM Presentation

Note NEW Stax Grill

LOCATION: 850 Woods Crossing Road, Greenville, SC 29601
864-288-5546
Stax Grill Website: www.staxsgrill.com

DIRECTIONS: From I-385N, take exit #39 for Haywood Road
Turn left (South) on Haywood Rd,
Turn left at 4th light (Wells Fargo on L, BB&T on R)
Pass the Jason's Deli and turn right into parking lot
Stax Grill is to the left on the SE corner of the shops.

COST: \$10 for Members, \$15 for Non-members
Free to Attend Presentation Only

2014-2015 Calendar of Events

DATE	LOCATION	TOPIC
16 Sep 2014	Stax Grill, Greenville, SC	PSM - Kathy Shell, aeSolutions
14 Oct 2014	Clemson University Madren Center	Municipal Solid Waste (MSW) to Liquid Fuel - Lee Rich, Fulcrum Bioenergy
11 Nov 2014	Stax Grill, Greenville, SC	Statistical Process Control, Rich Osborne, InfinityQS
13 Jan 2015	TBD	PSM Reprise - Bruce Stevens, AMEC
10 Feb 2015	TBD	Joint meeting with the Clemson Student Chapter
Mar 2015	Greenville, SC	Michelin Training Center
Mar 2015	TD Convention Center	Science Fair Judging for the Greenville County Science Fair
Apr 2015	Inman, SC	Plant tour - Milliken
May 2015	TBD	Family Social

2014-2015 Officers and Executive Committee

This is YOUR local section of the American Institute of Chemical Engineers. If you are member with a desire to serve, please contact any of the Officers or Executive Committee members listed below.

POSITION	NAME	EMAIL	PHONE
Chair	Alan Vibber	alan@vibber.com	864-554-3906
Vice-Chair	Mary Ferris	MaryFerris@charter.net	864-498-3436
Secretary	Conny Walker	sec@wscaiche.org	864-483-2920
Treasurer	Jacob Lindler	jllindler@yahoo.com	704-689-3880
Webmaster	Jacob Lindler	jllindler@yahoo.com	704-689-3880
Historian	David Hine	dhine@fujifilm.com	864-993-8235
Former Chair	Rick Vogel	rvogel1@hotmail.com	864-420-5777
Executive Committee Members	Don Gurney	degurney@charter.net	864-879-7935
	Karl McCaleb	Kmccaleb2@bellsouth.net	843-858-1182

Clemson Scholarship Support to Continue

The Executive Committee has again agreed to support a single student enrolled in Clemson's Chemical and Biomolecular Engineering program with a \$1,000 scholarship. The application is attached to this newsletter.

Science & Engineering Fair Support Continues

Our section will continue to assist in judging student projects and providing monetary awards at the South Carolina Regional Science & Engineering Fair in March of 2014. Please contact Conny Walker, at sec@wscaiche.org if your company is interested in sponsoring judges or special awards for this endeavor.

WESTERN SOUTH CAROLINA AICHE SECTION SCHOLARSHIP

The Western South Carolina Section of the American Institute of Chemical Engineers is pleased to support the Chemical and Biomolecular Engineering program at Clemson University by offering a \$1,000 scholarship. This scholarship is to be awarded to a returning Chemical and Biomolecular Engineering student with a projected graduation date between August 2015 and May 2016.

The \$1,000 award will be presented at the joint meeting between the Clemson Student Chapter and the Western South Carolina AICHE Section on February 10, 2015.

Applications are available at <http://wsc.aiche.org>. Completed applications are due to the Western South Carolina AICHE Section Secretary at sec@wscaiche.org by noon on January 18, 2015, in PDF or Word format. The Secretary will email reply receipt of application.

Name of Student: _____

Student email address: _____ Phone: _____

Student ID # _____ AICHE Student Chapter Member? Yes _____ No _____

Expected Graduation Date: _____

Chemical Engineering Courses Completed	Semester Course was completed	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Calculate the average of *only the courses listed above* to determine your chemical engineering GPA: _____

List extracurricular activities and describe special duties (e.g., offices held, etc.)

Attach two written essays (250 words maximum per essay, typed):

1) Describe your career goals as a chemical engineer.

2) Describe (in words that a freshman engineering student could understand) what a practicing chemical engineer does.