



# *The Western Palmetto Informer*

American Institute of Chemical Engineers

September 2013

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## Contact Information

Visit our website:

<http://wsc.aiche.org>

Email us at:

[sec@wscaiche.org](mailto:sec@wscaiche.org)

## A Welcoming Note from the Chair

Howdy all WSCAICHe members and friends. It is my pleasure to again serve our section, this year as Chair. I've been an officer in one capacity or another for the last twelve years. As usual, we have another great program of speakers and tours for you.

Please help welcome a new face to our "WSCAICHe Officer family". Conny Walker has been a long time attendee and has stepped up to be our Secretary. When you see her, please offer encouraging words to our newest volunteer officer. Mary Ferris is again our Vice-Chair. Alan Vibber is again our Treasurer. Eugene Gill is still our webmaster and David Hine is continuing on as our historian. Karl McCaleb will be our "Former Chair", while Don Gurney, Mike Thompson, and Jeremiah Batiste will serve as members of the Executive Committee.

Our section will continue the traditional Fall/Spring meetings with Clemson's Department of Chemical and Biomolecular Engineering faculty & students. We will award another \$1,000 Clemson scholarship to a deserving Junior ChemE student. Furthermore, 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.

We will also continue our relationship with the Hilton. The meeting rooms, meals, and service are excellent. On behalf of all the Officers of the WSCAICHe, we hope you will have an opportunity to experience this yourself when you attend one of our meetings.

In your service,  
Rick Vogel  
Chair, WSCAICHe

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## NEXT MEETING - September 10, 2013

### Renewables - Some Facts about Wind and Solar

Don Gurney will discuss renewable energy, covering primarily solar and wind. He will include information on recent cost facts that are not being addressed by the media and other sources. Don will use his energy bill in cents per kilowatt-hour, to illustrate the typical costs U.S. consumers are paying. Current costs for the United States and other countries will be shown to inform the audience what is really occurring, and what is to come. The "Devil is in the Details," but they are not difficult to understand.

Don has held officer and senior technical positions at the following companies: Fluor, Hill International, Pedco, G.D. Searle, SmithKline, Parsons, Mustang Engineering and Velsicol. His experience includes designing manufacturing facilities to produce Fine Chemicals, Specialty Chemicals, Petrochemicals and Pharmaceutical chemicals, and, Pharmaceutical dosage forms via chemical and biochemical synthesis. He holds a Doctor of Science Degree in Chemical Engineering from Stevens Institute of Technology (Hoboken, NJ).

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### SEPTEMBER Meeting Information

TITLE:	Renewables - Some Facts about Wind and Solar
DATE:	Tuesday, September 10, 2013
TIME:	6:00 PM Social 6:30 PM Dinner 7:00 PM Presentation
LOCATION:	Hilton, Greenville 45 West Orchard Park Drive Greenville, SC 29615-3548
DIRECTIONS:	I-385 @ Haywood Road Exit #39
COST:	\$10 for Members \$15 for Non-members Free to Attend Presentation Only

**Please reply by NOON - Friday, September 6, 2013 to  
Secretary - Conny Walker at [sec@wscaiche.org](mailto:sec@wscaiche.org)**

Note that the dinner portion of the meeting is not mandatory. Arrive by 7:00 pm if you want to attend the presentation without dinner.

**Only RSVP if you plan to dine with us.**

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## 2013-2014 Calendar of Events

DATE	LOCATION	TOPIC
10 Sep 2013	Greenville Hilton	Renewables - Some Facts about Wind and Solar by Don Gurney
08 Oct 2013	Clemson University Madren Center	Tranter heat exchangers "101"
12 Nov 2013	Greenville Hilton	Michelin's Newest Technology "Tweel" - Mr. Tim Rhyne, Michelin
14 Jan 2014	Greenville Hilton	Mr. Kendall Oliphant, Horsehead Metal Products, Inc.
11 Feb 2014	Greenville Hilton	TBA - Clemson University Provided Speaker
11 Mar 2014	FUJIFILM Greenwood, SC	Plant tour - FUJIFILM Water Recycling System
Mar 2014	Carolina First Center	Science Fair Judging for the Greenville County Science Fair
08 Apr 2014	ASHLAND, INC. Piedmont, SC	Plant tour - ASHLAND
May 2014	TBD	Family Social

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### Clemson Scholarship Support to Continue

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

## 2013-2014 Officers and Executive Committee

This is YOUR local section of the American Institute of Chemical Engineers. If you have ideas or concerns regarding operation of the WSCAICHe OR if you're a member with a desire to serve, please contact any of the Officers or Executive Committee members listed below.

POSITION	NAME	EMAIL	PHONE
Chair	Rick Vogel	rvogel1@hotmail.com	864-420-5777
Vice-Chair	Mary Ferris	MaryFerris@charter.net	864-498-3436
Secretary	Conny Walker	walker2003@earthlink.net	864-483-2920
Treasurer	Alan Vibber	alan@vibber.com	864-554-3906
Webmaster	Eugene Gill	eugene@eugenegill.com	864-281-8627
Historian	David Hine	dhine@fujifilm.com	864-993-8235
Former Chair	Karl McCaleb	Kmccaleb2@bellsouth.net	843-858-1182
ECM*	Don Gurney	degurney@charter.net	864-879-7935
	Mike Thompson	mike.thompson@fluor.com	864-281-6791
	Jeremiah Batiste	Jeremiah.Batiste@fluor.com	864-281-4568

(\* Executive Committee Member)

# 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 2014 and May 2015.

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 11, 2014.

Applications are available at <http://wsc.aiche.org>. Completed applications are due to the Western South Carolina AICHE Section Secretary at [sec@wscaiche.org](mailto:sec@wscaiche.org) by noon on January 19, 2013, 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.