



American Institute of Chemical Engineers

# *The Western Palmetto Informer*

October 2017

Volume 17, Issue 2

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## Contact Information

Visit our website:  
[www.aiche.org/wsc](http://www.aiche.org/wsc)

E-Mail us at:  
[sec@wscaiche.org](mailto:sec@wscaiche.org)

## October 10th, 2017 -

### Clemson Steam Plant Operations and Tour

This month, we will be meeting with the Clemson University AICHE Student chapter at the Clemson University campus. Tony Putnam, Director of Utilities Services, will talk about the various operations run by Clemson Utility Services. We will then walk to the Central Steam Plant to see first hand the various unit operations.

Those coming from the Greenville area are encouraged to carpool. Call Rick Vogel (864-420-5777) to help coordinate this effort.

## September Meeting Thank-you

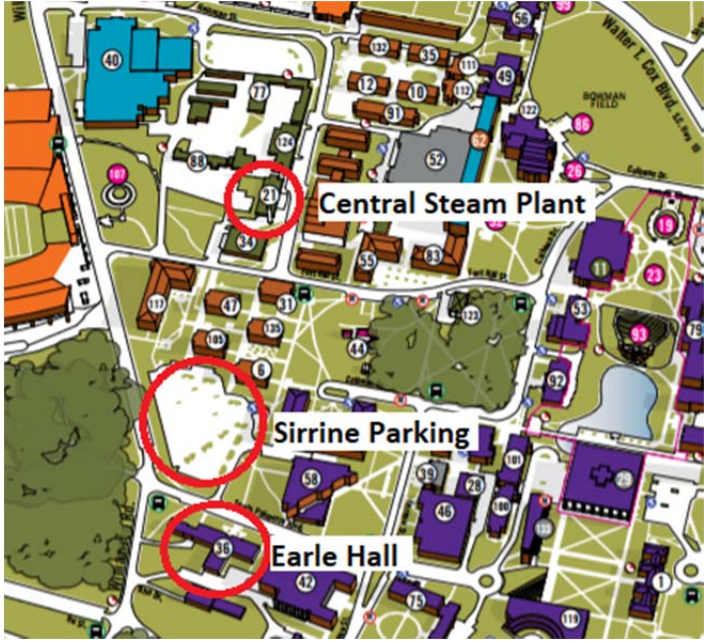
WSCAICHE would like to extend a thank you to Renewable Water Resources for allowing us to tour the Mauldin Road water treatment plant on September 19<sup>th</sup>. Our tour guide, Randy Boyette, walked us through the facility and pointed out the various technical challenges in the operations of the facility.

After the tour, we moved the CH2M where Graham Rich spoke about the ReWa Tunnel project.

Additionally, as always, CH2M was an excellent host for the talk.



## October Meeting Information

TITLE:	Clemson Central Steam Plant Operations & Tour
DATE:	Tuesday, October 10, 2017
TIME:	6:00 PM Social 6:15 PM Dinner 6:30 PM Presentation After presentation, we walk to Central Steam Plant for the tour.
LOCATION:	Earle Hall, Room 124 at Clemson Park in SIRRINE Parking (get parking pass at Earle Hall)
DIRECTIONS:	
DINNER COST:	\$10 for WSCAICHE members \$15 for Non-members

**Please RSVP by 5 PM - Sunday, October 8, 2017 to:  
Secretary - [sec@wscaiche.org](mailto:sec@wscaiche.org)**

Note that the dinner portion of the meeting is not mandatory. Plan to arrive by 6:30 pm if you would like to attend the tour without dinner. Both the dinner and tour are open to all interested people - no AIChE membership is required! Please dress appropriately for a tour of an operating steam plant!

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

### Carpool Information

For those interested in carpooling to Clemson, a group will be meeting at 5:00 PM at the Home Depot parking lot on South Pleasantburg Rd, Exit 46B off of I-85. We will be leaving for Clemson at 5:05 PM. Please include car-pooling request in your RSVP AND call the carpool contact.

Carpool contact person: Rick Vogel (864) 420-5777

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## Open Officer Positions

We have a couple of unfilled officer positions headed into 2017-2018. Take a look at the position descriptions below, and consider if you are able to help out!

### Secretary

- Update monthly newsletter
- Send monthly newsletter to distribution list using MailChimp software
- Collect RSVPs received the weekend before next meeting
- List names from RSVPs and forward to Treasurer

### Historian

- Take pictures during meetings
- Update pictures on the website

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## 2017-2018 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 are a member who would like to help out, please contact any of the Officers or Executive Committee members listed below:

POSITION	NAME	COMPANY	E-MAIL
Chair	Marty Milne	PinPoint Solutions	martymilne@gmail.com
Vice-Chair	Mary Ferris	Michelin	maryferris@charter.net
Secretary	VACANT		sec@wscaiche.org
Treasurer	Rick Vogel	Fulcrum BioEnergy	rvogel1@hotmail.com
Webmaster	Conny Walker	GCSD	sec@wscaiche.org
Historian	VACANT		
Former Chair	Jacob Lindler	aeSolutions	jllindler@yahoo.com
Executive Committee	Steve Sferra	Century3	stevesferra@verizon.net
	Karl McCaleb	Mitsubishi	kmccaleb2@bellsouth.net

## 2017-2018 Calendar of Events

DATE	LOCATION	TOPIC
19 Sept 2017 Part A - REWA Tour	3:15 PM at ReWa in Mauldin	Technical challenges in Operation - Randy Boyette, ReWa
Part B - REWA Speaker	6:00 PM at CH2M Offices	Technical challenges and Tunnel Project - Graham Rich, ReWa
10 Oct 2017	Earle Hall at Clemson University	Clemson University - Central Steam Plant Operations and Tour - Tony Putnam, Director of Utility Services
14 Nov 2017	Fluor Management Center	ACS Joint Meeting - SIFT-MS (Selected Ion Flow Tube - Mass Spectroscopy) - Barry Prince, PhD - Director - Global Sales, Syft Technologies, Ltd
Dec 2017	None	Happy Holidays!
16 Jan 2018	CH2M	Static Electricity (STS) - Elizabeth Matthews, NewsGale
13 Feb 2018	CH2M	TBD - Professor, Clemson University & Announce Scholarship Winner
13 Mar 2018	CH2M	Total Tank Management and Monitoring - Travis Lunn, RE Mason
10 Apr 2018	CH2M	Process Safety Management Auditing - Bruce Stevens, AMEC
Saturday, 12 May 2018	Sierra Brewery in Asheville	WSCAICHe May Social - Sierra Brewery Tour and Brunch (Since we'll be there, maybe canoe/kayak the French Broad River if anyone wants?!)

### 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 scholarship is open to all ChBE students who will be graduating between August 2018 and May 2019. The scholarship will be awarded during the February 2018 WSCAICHe - Clemson AICHe joint meeting. The application is attached to this newsletter.

## WESTERN SOUTH CAROLINA AIChE SECTION SCHOLARSHIP

The Western South Carolina Section of the American Institute of Chemical Engineers is pleased to support the Chemical Engineering program at Clemson University by offering a \$1,000 scholarship. This scholarship is to be awarded to a returning Chemical Engineering student with a projected graduation date between August 2018 and May 2019.

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 13, 2018.

Completed applications are due to the Western South Carolina AIChE Section Secretary at [sec@wscaiche.org](mailto:sec@wscaiche.org) by midnight on January 26, 2018, in PDF or Word format. The Secretary will reply by e-mail on receipt of application.

Name of Student: \_\_\_\_\_

Student email address: \_\_\_\_\_ Phone: \_\_\_\_\_

Student ID # \_\_\_\_\_ AIChE Student Chapter Member? Yes \_\_\_\_\_ No \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_

Course Name	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.