

# The Reactor

New Orleans Section  
American Institute of  
Chemical Engineers

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May 2017

## AIChE Section—Joint Meeting with AWMA

Our next meeting will be a joint meeting with the Air and Waste Management Association. This organization has many chemical engineers in its membership and includes environmental staff from area chemical plants and refineries, environmental consultants, and LDEQ staff. This particular meeting does not have speakers scheduled, but rather is a “fun” event. The meeting is to be held **May 18th** at Middendorf’s in Manchac. Cost: \$45. Social starts at 5:30 p.m. and dinner served at 6:30 p.m. RSVP and pay online at this link:

## New Orleans Section Enjoys “Welcome Mixer”

The New Orleans section has been resurrected after a few years’ hiatus. Anthony Fregosi, Michael Waguespack, and Stephen Kerns arranged for Martin’s Wine Cellar to host a dinner and a discussion about the making of wine. We gathered on February 1, 2017, mingled, renewed old friendships, and made new contacts. The group also signed up for section officers (see officers list on the next page).

## New Orleans Section joint meeting with Tulane Student Section

The New Orleans section met with the Tulane University AIChE Student section on March 15. We enjoyed BBQ from Mo’s, and heard several interesting and exciting summaries of some research that is happening at Tulane, including:

- ◆ Block copolymers: creating tertiary phase diagrams, uses in cells or lithography
- ◆ Silicon nanoparticles: placement in inks for use in flexible circuits

### Company Contacts Needed

We are requesting that if anyone is interested in serving as a company contact in their organization on behalf of our section—to please contact either our Secretary Scott Sanderson or Chair Anthony Fregosi.

The “duties” of the company contact is to promote section activities within their organization—such as notifying others about upcoming meetings, etc. You are also asked to “encourage” your colleagues, especially new “young professionals” to check out our activities and come join us.

Please see the next page for our current list of company contacts.

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### Future Events

#### Calendar:

(subject to change)

- May 18—*Joint AW-MA (See Page 12)*
- May 19th — *Tank Seminar, Baton Rouge*
- July — *TBA*
- Sept — *TBA*
- Nov — *TBA*
- Apr 2019 — *Spring Meeting and Global Congress on Process Safety*

### New Orleans Section Officers 2017-2018

Anthony Fregosi— Cornerstone —anthony.fregosi@cornerstonechemco.com	Chair
Michael Waguespack —W S Nelson —michael.waguespack@wsnelson.com	Vice-Chair & Program Chair
Scott Sanderson — ERM — scott.sanderson@erm.com	Secretary
Stephen Kerns — Shell — stephen.kerns@shell.com	Treasurer
Katie Russell — krussell@tulane.edu	University Liason
	Membership Chair & Director
Tommy Meehan — Eastman Chemical — tmeehan@eastman.com	AIChE National Liason
Jordan Terry — jordanterry@alumni.lsu.edu	Young Professionals
Tarynn Huitt — tarynnhuitt@gmail.com	
Alex Chen — alex.chen1993@gmail.com	
Brandon Iglesias — Brandon.iglesias@reactwell.com	
Rachel Wiggins — wigginsrr@gmail.com	Newsletter Editor
Paul Prados — W S Nelson — paulprados@gmail.com	Web Master

### Company Contacts

Cornerstone—Anthony Fregosi <b>504-431-6598</b>
W.S. Nelson—Michael Waguespack — michael.waguespack@wsnelson.com
Eastman —Tommy Meehan — meehan@eastman.com
Occidental —Linda Bergeron <b>985-783-7365</b>
Shell-Upstream Americas — Stephen Kerns <b><u>Stephen.Kerns@shell.com</u></b>
Tulane Univ.—Katie Russell — <b>krussell@tulane.edu</b>



*Rachel Wiggins*  
Editor

Please send comments and feedback to:  
wigginsrr@gmail.com

### Editor's Soap Box

Welcome to a new season of AIChE. I'm glad this section is up and going strong again.

Our plan is to have bi-monthly section meetings. The Young Professions group may have events on the alternate months.

We've had a couple of great meetings so far this year.

The next one will be a joint meeting with the AWMA in Manchac. This meeting will provide great networking opportunities, as there are industry, government, and legal members in this organization, all that work within the environmental realm.

I will take this space to remind the New Orleans section members that you will get more out of the section if you put more

into it. There are many volunteer opportunities in the section, either by volunteering to be your company contact, by helping organize an event, or by providing suggestions for future programming.

With greater involvement comes greater rewards!

Have a safe day.

### Process Safety: Learning from Past Incidents

It is very likely that you have read a CSB safety alert or viewed one of the many CSB safety videos. The CSB is an independent, non-regulatory federal agency whose mission is to drive chemical safety change through independent investigations to protect people and the environment. The agency's board members are appointed by the President and confirmed by the Senate. CSB investigations look into all aspects of chemical incidents, including physical causes such as equipment failure as well as inadequacies in regulations, industry standards, and safety management systems.

The chair of CSB is Vanessa Allen Sutherland. She was nominated by President Barack Obama to the U.S. Chemical Safety and Hazard Investigation in March of 2015 and confirmed by the Senate in August of 2015. Prior to her appointment Ms. Sutherland served as the Chief Counsel for the Pipeline and Hazardous Materials Safety Administration at the U.S. Department of Transportation, whose mission is to protect people and the environment from the risks associated with hazardous materials transportation.

Congress designed the CSB to be non-regulatory and independent of other agencies so that its investigations might, where appropriate, review the effectiveness of regulations and regulatory enforcement.

CSB videos are available online at [www.CSB.gov](http://www.CSB.gov), and on [YouTube](https://www.youtube.com/user/CSBgov). They can be ordered free of charge as a two-DVD set by filling out the request form in the Video Room of [www.CSB.gov](http://www.CSB.gov).

The CSB organization includes:

- ◇ Five members, appointed by the President and confirmed by the U.S. Senate; fixed terms of five years. –
- ◇ Board Chair — Chief Executive Officer; responsible for agency administration.
- ◇ The full Board — responsible for major budgeting decisions, strategic planning and direction, general agency oversight, and approval of investigation reports and studies.
- ◇ Investigative staff — includes chemical and mechanical engineers, industrial safety experts, and other specialists with experience in the private and public sectors.

The Board does not issue citations or fines but does make safety recommendations to plants, industry organizations, labor groups, and regulatory agencies such as OSHA and EPA. Visit the website, [www.csb.gov](http://www.csb.gov).



**\$15/year**



**New Members Are Always Welcome**

*If you would like to become a member of the section, please go to the AIChE New Orleans section website.*

#### Newsletter Advertisement Charges

Size	\$/Issue	\$/Year
Business Card	\$ 16	\$ 100
1/4 page	\$ 40	\$ 250
1/2 page	\$ 80	\$ 500
Full Page	\$ 160	\$1000

To order an advertisement, Please contact **Anthony Fregosi**, [Anthony.Fregosi@cornerstonechemco.com](mailto:Anthony.Fregosi@cornerstonechemco.com)

## Chair's Letter

After a rather long period of inactivity, the New Orleans Section has returned! Thus far, we have had two programming events, our first at Martin's Wine Cellar where we elected a full slate of officers, and also a program with the Tulane Department of Chemical Engineering.

We are also forming a Young Professional's Group within the section to target programming tailored to the specific needs of our members under 35. I encourage any of our members who qualify as a young professional to reach out to this new group.

I also ask all our members to reach out to our Program Chair/Vice Chair – Michael Waguespack, regarding any particular programming or event types you might want us to consider. And you may contact any of the officers if you are interested in becoming an officer yourself.

We want you to consider the New Orleans Local Section your “professional home” and a link to the wider organization that makes up our Institute.

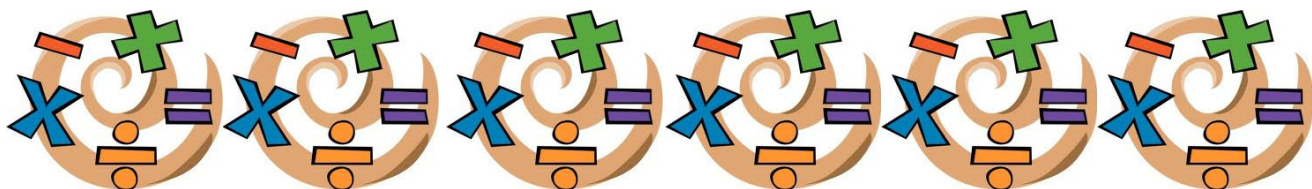
I welcome all of our members and look forward to meeting you at future meetings and events. Please do not hesitate to contact me with any questions or concerns regarding the section.

*Anthony Fregosi, F.AIChE – New Orleans Section Chair*



*Geaux Saints!*

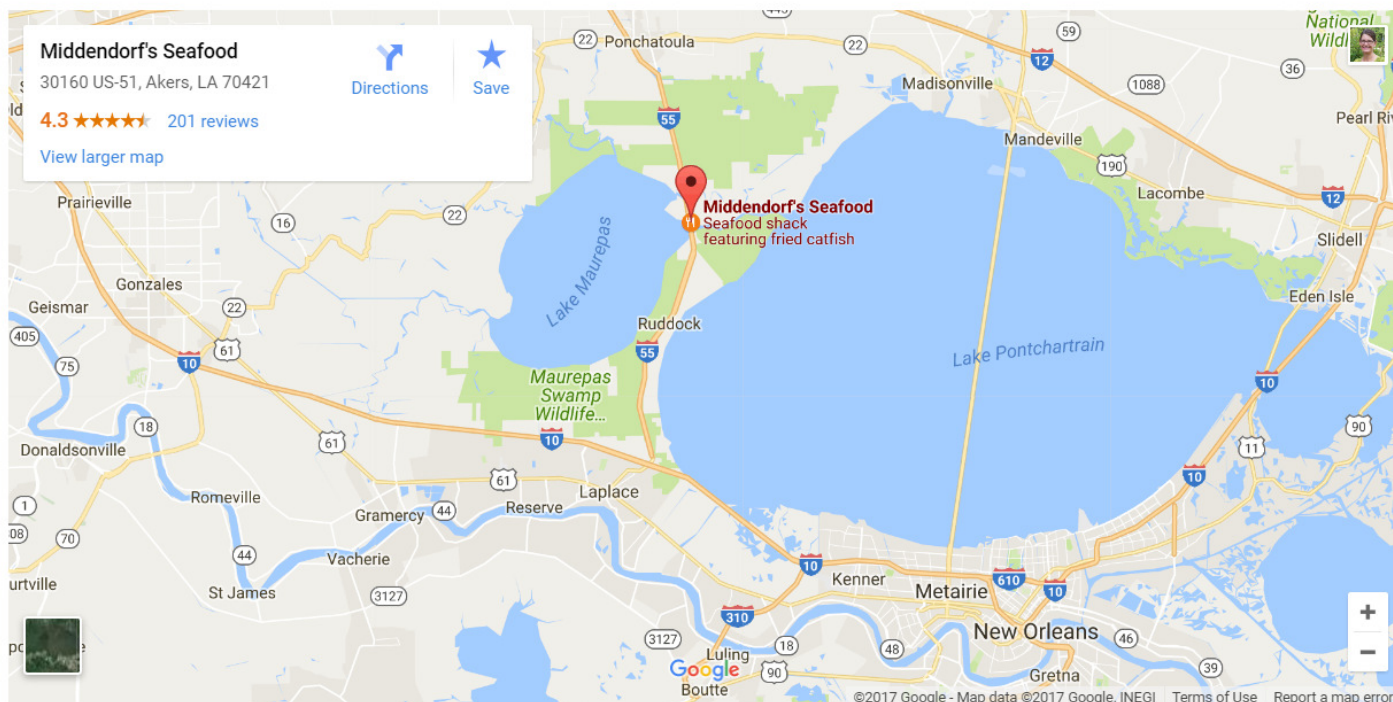
AIChE®



# Joint Meeting with AWMA May 18, 2017

## Middendorf's Exit #15 off I-55, Manchac, LA 5:30 social; 6:30 dinner

### Map



## Tank University Seminar—Baton Rouge AIChE Section

### Tank University + Engineering Ethics

**When:** Friday May 19th, 2017 8am - 4:30pm

**Where:** Oak Lodge Conference Center, 2834 S. Sherwood Forest Blvd.

**Topics:** Tank Venting Fundamentals  
API 2000 Overview

Normal & Emergency Venting Devices

Forward & Back-Pressure Regulators

Tank Blanketing Systems

Overfill Protection & API 2350 Guidelines

Safeguarding of Low Pressure Storage Tanks

Presentation of Design Alternatives

Engineering Ethics Overview.

**Cost:** Early Rates (by May 14th): \$85 Members; \$95 Non-Members

Regular Rate (after May 14th): \$110

**PDH:** **Eight Hours** (Includes One Ethics Hour)

To register, and see a detailed agenda, see the Baton Rouge section website:

<https://www.aiche.org/community/sites/local-sections/baton-rouge/events/spring-2017-seminar>





New Orleans Section  
American Institute of Chemical Engineers

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Serving Chemical Engineers....Who  
Serve the World

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WE'RE ON THE WEB!

<http://www.aiche.org/NewOrleans>

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## Quote of the Month

"A good scientist is a person with original ideas. A good engineer is a person who makes a design that works with as few original ideas as possible. There are no prima donnas in engineering."

-- Freeman Dyson

## Event Notice!

Date:	May 18, 2017
Time:	Social: 5:30 P.M. Dinner: 6:30 P.M.
Place:	Middendorf's 30160 US-51 Akers, LA 70421

See Map in this issue, page 5.

*New Orleans Section, Winner of:  
1995 "Randall D. Sheeline Award", for excellence in public relations activities.  
1999 "Catalyst Grassroots Award", for support of the grassroots advocacy program.  
2001 "Marx Isaac's Award", for excellence of a small local section newsletter.*