



# Baton Rouge Newsletter

Year 29, Number 4

[www.aiche-br.org](http://www.aiche-br.org)

December 1, 2018

Recap of November meeting	2
December meeting topic	3
From the Chapter Chair's Pen	4
2018 Section Contacts	5

The *AIChE Baton Rouge Newsletter* is published monthly, from September to June, by the AIChE Baton Rouge Section, 110 Chemical Engineering, LSU, Baton Rouge, LA 70803. It is distributed free of charge to members of the Baton Rouge Section of the American Institute of Chemical Engineers.

**Membership Fee:** \$15.00/yr.

---

## December Meeting

---

- Date:** Thursday, December 13, 2018
- Place:** King Buffet, 6230 Bluebonnet Boulevard, at Interstate 10.
- Topic:** Industrial Boiler and Cooling Water Treatment “*The young man knows the rules, but the old man knows the exceptions.*” – Oliver Wendell Holmes, Sr.
- Speaker:** **Larry Broussard**, Athlon Solutions
- Agenda:** 5:30 – Social  
6:00 – Dinner, Speaker
- Menu:** Full Chinese Buffet, Sushi, soft drinks.
- Cost:** \$20 per person (\$15 AIChE member, \$10 students)

### RESERVATIONS

Make your reservation on-line  
**by 5:00 PM on Wednesday, December 12 at**  
<https://www.aiche-br.org>

Pay in advance by Pay Pal or credit card or  
choose to pay by cash or check at the door.

### Professional Engineering Certification

The subject of this meeting is an acceptable activity for continuing Professional Development as defined by LAPELS and is **approved for one (1) PDH unit.**

The Baton Rouge AIChE chapter is NOT responsible for individual record keeping of PDH credits. Certificates must be obtained at the meeting by the individual.

---

## Other Upcoming 2019 Events / Speakers

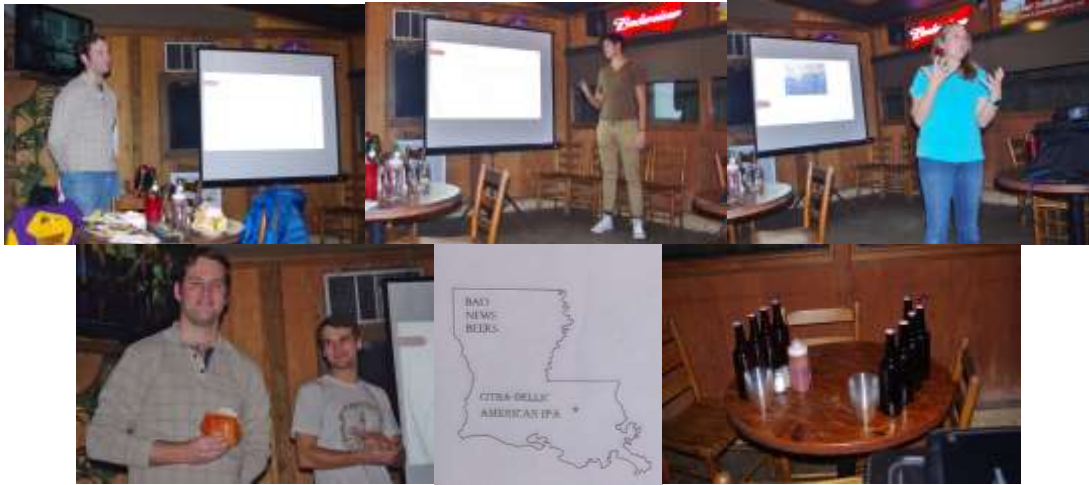
---

If you or your colleague(s) would like to give a technical presentation at an upcoming chapter meeting for 2 professional development hours (PDHs), please contact Chapter Chair, Donna Bryant, at [Donna.Bryant@Syngenta.com](mailto:Donna.Bryant@Syngenta.com) to schedule a meeting date and time.

---

## *Recap of the November Dinner Meeting*

---



The Bad News Beer team members, Doug Beach, Donna Bryant, Daniel Candler, and Matt Schutte, gave a description of their beer brewing project and how they placed 2<sup>nd</sup> Runner Up (3<sup>rd</sup> over-all place) among 12 teams from around the country at the Annual AIChE Conference in Pittsburgh in October. The competition was strict in the timing of dropping off the beers, setting up the poster, and the presentation time. Teams had to make posters that showed their process in making the beers, the recipes they used, their calculations on the alcohol content and brew house efficiency, and proposed beer labels. While the poster presentation was going on, volunteers to act as the guest judges for the “people choice” award tasted the non-marked beers, and the Beer Judge Certification Program official judges analyzed the beers. The prize considers the taste of the beer as well as the poster.

The team described their process that uses an all-grain brew with sparging during the single mash step in which the wort is filtered off and returned to the mashtun to set the grain bed. To produce their three beers, they used crawfish boiling pots, insulated coolers and three glass fermentation jugs. The beers were a Citrus-y IPA (Indian Pale Ale), a “wheat and wild” hefeweizen, and a big imperial stout. After the presentation those attending were given samples of each of the three beers and they were all impressed by the taste.

Officers for 2019 were elected at the meeting, Chelsea Bourdon for Vice-Chair, Erik Flores for Secretary, Jimmy Orr for Treasurer, and Randy Goodman for Executive Committee.

***Laugh and the world laughs with you, snore and you sleep alone.***

***--Anthony Burgess***

---

## *December Meeting Topic*

---

Larry Broussard is a water treatment expert from Athlon Solutions who will come to talk to us about a wide variety of water treatment topics. He's energy and passion for water treatment will show through as he discusses the types of water treatment and some lessons he has learned. The outline of his discussion will be as follows:

Water Treatment – Perils of Water Treatment Operations

Source Waters – *“A Tale of Two Waters”*

Cooling Water Pretreatment

Sedimentation and Clarification and Lime Softening – *“Expect the Unexpected”*

Boiler Water Pretreatment

Filtration – *“Know Thy Enemy”*

Ion Exchange – *“It's Time to Pull the Plug”*

Deaeration – *“The Black Box”*

Steam Condensate Recovery – *“Sneaking by Unseen”*

International Water Conference *“Never too old to start and never too young to learn”*



---

## *From the Chapter Chair's Pen*

---

It is both an exciting and sad time to be writing this last letter to you as the Baton Rouge AIChE Section Chair. It has been a great year working for you all as the Section Chair in 2018. We have had interesting meetings, good spring/fall seminars, successful Coates Award where we were able to honor Jimmy Orr for all of the work he has done through the years, gave out grants to high schools to help promote chemistry/engineering, held a trivia night and demonstrated experiments to kids at Super Science Saturday. These events do not include our involvement with the LSU AIChE Chapter throughout the year, whether it be helping out with the Regional AIChE Student Conference, looking over resumes or participating on a panel session to help tell students what careers look like after college. Our chapter does a lot and it would not have all been possible without the help of the entire executive committee and committee leaders. These leaders are: Vishal Vora, Chelsea Bourdon, Jimmy Orr, Glenn Bryson, Noel Ricord, Armand Melikyan, William Buck, Clark Snyder, Dal Dilfers, Brandon Lithgoe, Erick Flores, Armando Corripio, Randy Goodman, and Stephen Reilly. Thank you all of you for helping to organizing all of these events and doing a lot of the behind the scenes efforts to help our chapter function. Thank you also to all of the volunteers to have helped out with activities throughout the year.

Congratulations to the new group of leaders that were elected in the November meeting that will take the helm in January 2019. Vishal Vora will be the new Section Chair, Chelsea Bourdon will be the new Vice Chair, Erick Flores the new Secretary, Jimmy Orr will continue to be the Treasurer for the next year, and Dal Dilfers will be moving onto the executive committee.

We are always looking for new people to get involved and have 2 open positions- Education and Young Professional Committee leaders. If you are interested, please contact either myself or Vishal Vora so you can learn more about it.

See you at the next meeting and thanks for a great year!

*Donna Bryant*, 2018 Chair





## 2018 Section Contacts

### Officers

<b>Chair:</b>	Donna Bryant, <a href="mailto:Donna.Bryant@Syngenta.com">Donna.Bryant@Syngenta.com</a>
<b>Vice Chair:</b>	Vishal Vora, <a href="mailto:VVVora@Gmail.com">VVVora@Gmail.com</a>
<b>Secretary:</b>	Chelsea Bourdon, <a href="mailto:CBourdon@Hargrove-EPC.com">CBourdon@Hargrove-EPC.com</a>
<b>Treasurer:</b>	Jimmy Orr, <a href="mailto:Jimmy.Orr@Jacobs.com">Jimmy.Orr@Jacobs.com</a>

### Executive Committee Members

Glenn Bryson	<a href="mailto:BGBryson@BellSouth.net">BGBryson@BellSouth.net</a>
Noel Ricord	<a href="mailto:LCNoel55@aol.com">LCNoel55@aol.com</a>
Armand Melikyan	<a href="mailto:AMelikyan@Hargrove-EPC.com">AMelikyan@Hargrove-EPC.com</a>
William Buck	<a href="mailto:William.Buck@WinkEngr.com">William.Buck@WinkEngr.com</a>
W. Clark Snyder	<a href="mailto:WClarkSnyder@hotmail.com">WClarkSnyder@hotmail.com</a>

### Committees

<b>Awards:</b>	Dal Dilfer's, <a href="mailto:Joseph.Dalferes@jacobs.com">Joseph.Dalferes@jacobs.com</a>
<b>Communications:</b>	Brandon Lithgoe, <a href="mailto:BLithgoe@Yahoo.com">BLithgoe@Yahoo.com</a>
<b>Education:</b>	Erick Flores, <a href="mailto:EFlores@hargrove-epc.com">EFlores@hargrove-epc.com</a>
<b>High School Grants:</b>	W. Clark Snyder, <a href="mailto:WClarkSnyder@hotmail.com">WClarkSnyder@hotmail.com</a>
<b>Membership:</b>	Glenn Bryson, <a href="mailto:BGBryson@BellSouth.net">BGBryson@BellSouth.net</a>
<b>Newsletter:</b>	Armando Corripio, <a href="mailto:Corripio@LSU.edu">Corripio@LSU.edu</a>
<b>Nominations:</b>	Noel Ricord, <a href="mailto:LCNoel55@aol.com">LCNoel55@aol.com</a>
<b>Professional Development:</b>	Randy Goodman, <a href="mailto:Randy.Goodman@LA.gov">Randy.Goodman@LA.gov</a>
<b>Seminars:</b>	Armand Melikyan, <a href="mailto:Armand_Melikyan@hotmail.com">Armand_Melikyan@hotmail.com</a>
<b>Sponsorship:</b>	Stephen Reilly, <a href="mailto:Stephen.Reilly@emerson.com">Stephen.Reilly@emerson.com</a>
<b>Young Professionals:</b>	Erick Flores, <a href="mailto:EFlores@hargrove-epc.com">EFlores@hargrove-epc.com</a>

### **Why Should You Join the Local AIChE Chapter?**

1. It is a welcoming presence to new chemical engineers in the area.
2. It provides a neutral ground mentorship toward career directions and other life topics.
3. It facilitates a better understanding of local, state, and federal policies related to our professions.
4. It offers a smooth transition for graduating chemical engineers from LSU, ULL, and other nearby universities who start working in the area.

150 years

  
We create chemistry