



# Baton Rouge Newsletter

Year 29, Number 3

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

November 1, 2018

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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.

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## November Meeting

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- Date:** Thursday, November 15, 2018
- Place:** George's Restaurant, 8905 Highland Road at Staring Lane.
- Topic:** *Beer Brewing Competition Presentation*—Election of 2019 Officers
- Speaker:** **Bad News Beers**, Beer Brewing Competition Team
- Agenda:** 5:30 – Social  
6:00 – Dinner, Speaker
- Menu:** Select your meal at the counter.
- Cost:** Pay at the counter when you receive your meal.

Notice the **on-line** reservation procedure. When you register on the web page you can pay in advance by Pay Pal or credit card or choose to pay by cash or check at the door.

### RESERVATIONS

Make your reservation and pay on-line  
by **5:00 PM on Wednesday, November 14** at  
<https://www.aiche-br.org>

### 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.

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## Other Upcoming 2018 Events / Speakers

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**Dec 13**      *Water Treatment*, **Larry Broussard**, Athlon Solutions.

*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.*

## *November Meeting Topic*

Last week was the Annual AIChE Conference that was held in Pittsburgh, Pennsylvania. It officially started Sunday, October 28<sup>th</sup> and continued until November 2<sup>nd</sup> for professionals, but included the Student conference the weekend before. At the conference, Donna Bryant represented our Baton Rouge Local Section Beer Brewing competition team (named the Bad News Beers) in the actual competition itself on Sunday, October 28<sup>th</sup>. There were 12 teams there from around the country, and teams could make up to 3 beers to compete. 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. Donna presented the poster to judges as well as people just coming to check out the competition. 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 competition itself lasted around 2 hours. The Bad News Beers were proud to have been awarded the 2<sup>nd</sup> Runner up Grand Prize (3<sup>rd</sup> overall place) for our American IPA called Citra-Delic! That prize takes into account the taste of the beer as well as the poster.



The team members (Doug Beach, Donna Bryant, Daniel Candler, and Matt Schutte) will be at the meeting to give the presentation. Dinner and larger amounts of beer can be purchased at George's on Highland, where the meeting will be held.

## *AIChE's John C. Chen Endowment Award given to Donna Bryant*



Family and friends of the late **John C. Chen**, the Carl R. Anderson Professor Emeritus of Chemical Engineering at Lehigh University and AIChE's President in 2006, have established an endowment fund in his memory to support the leadership development of young professional chemical engineers.

Throughout his career as an educator and his longtime professional service to AIChE, John was a recognized for his inspirational leadership and his steadfast commitment to the next generation of chemical engineers. To celebrate John's passion for leadership and his lasting impact on the chemical engineering profession, the endowment will provide scholarship funds to support, in perpetuity, the leadership development training of two selected young professional members of AIChE annually. The selected young professionals participated in a face-to-face *PEAK Leadership Training Program* at the AIChE Annual Meeting. Funding was made available for travel to the Annual Meeting and a full meeting registration. Donna Bryant and Colin Young were the first recipients of this award.

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## *High School Chemistry Awards*

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Central Baptist High School, Family Christian Academy, Southern Lab High School,  
St. Joseph's Academy, Walker High School and Springfield High School

The AIChE Baton Rouge section granted over \$3,500 in grants to nine area high schools. In addition to those shown here Central Private, Broadmoor and False River Academy received grants.

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## *Recap of the October Dinner Meeting*

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Marc Froeyen discussed the design of Steamloc International steam traps. The traps are based on a multi-configured venturi jet designed to enhance condensate flow and have no moving parts.

***Persistence trumps talent and looks every time.***

***--Aaron Brown***

### ***P. L. Thibaut Brian, Ph.D.***

Former director of AIChE Thibaut Brian passed away on April 2 at age 87. A LSU chemical engineering graduate he taught at MIT and became vice-president of engineering at Air Products. He was elected to the National Academy of Engineering and to the Royal Academy of Engineering. He was an early adopter of computing in chemical engineering and an advocate for safety and quantitative hazard analysis.

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## *From the Chapter Chair's Pen*

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A lot of exciting things have happened the last couple of weeks- the section's October meeting where we had a great presentation and gave our High School Grant Awards, Super Science Saturday, the Annual AIChE Meeting in Pittsburgh, and our section's Seminar. All of those events were a success and I want to thank everyone who helped organize, advertise, and run those events- Clark Snyder, Armand Melikyan, Erick Flores, and Jimmy Orr. We wouldn't have been able to do all of those things without all of your hard work and dedication!

We still have a couple more activities this year before we officially say goodbye to 2018. We will have our November meeting where we will elect our next year's officers, and then have the Bad News Beers talk present how they made their award winning beer. We will also have some tastings of their beers there. Please review the officer ballot in this newsletter so you can be familiar with who to vote for. Also, if you are interested in filling a position, please let myself or Noel know!

Our last meeting of the year will be Thursday, December 13th, where we will talk about water treatment- the different types and how it works. I look forward to seeing you at our November meeting.

*Donna Bryant*, 2018 Chair

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## *SuperScience Saturday*

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On Saturday October 27 volunteers of the Baton Rouge chapter and chemical engineering students at LSU ran a demonstration booth at LSU's annual Super Science Saturday at the PMAC. There were many students all day from K-12 schools around the area making it a busy day full of fun and science. Our demonstration booth ran the elephant's toothpaste experiment which was a lot of fun for the volunteers and all the school children that attended. The elephant's toothpaste experiment is a catalytic decomposition reaction of hydrogen peroxide adding potassium iodide that produces quite a show. We definitely couldn't have done it without all the volunteers who helped out during the day, thanks to all who participated! Thanks to the LSU chemistry department and George Stanley for helping out and providing the materials needed for running the experiment.

## 2018 Section Contacts

### Officers

**Chair:** Donna Bryant, [Donna.Bryant@Syngenta.com](mailto:Donna.Bryant@Syngenta.com)  
**Vice Chair:** Vishal Vora, [VVVora@Gmail.com](mailto:VVVora@Gmail.com)  
**Secretary:** Chelsea Bourdon, [CBourdon@Hargrove-EPC.com](mailto:CBourdon@Hargrove-EPC.com)  
**Treasurer:** Jimmy Orr, [Jimmy.Orr@Jacobs.com](mailto:Jimmy.Orr@Jacobs.com)

### Executive Committee Members

Glenn Bryson, [BGBryson@BellSouth.net](mailto:BGBryson@BellSouth.net)  
Noel Ricord, [LCNoel55@aol.com](mailto:LCNoel55@aol.com)  
Armand Melikyan, [AMelikyan@Hargrove-EPC.com](mailto:AMelikyan@Hargrove-EPC.com)  
William Buck, [William.Buck@WinkEngr.com](mailto:William.Buck@WinkEngr.com)  
W. Clark Snyder, [WClarkSnyder@hotmail.com](mailto:WClarkSnyder@hotmail.com)

### Committees

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

### **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

 - **BASF**  
We create chemistry



## *Candidates for 2019 Section Officers*

Candidates for the following section vacancies are being solicited through 31 October 2018: Vice-Chair, Secretary, Treasurer and Executive Committee Member. However, at the annual Election Meeting, nominations may also be taken from the floor. Only members of AIChE and the section in good standing are eligible to hold office.

Voting for the Candidates shall take place at the section's annual Election Meeting (November 2018) meeting and their installation will take place at the section's Annual Meeting (December 2018).

Duties -

**Vice-Chair:** In absence of the Chair, shall preside at all meetings of the section. The Vice-Chair serves as the Chair of the Program Committee which makes arrangements (topic, speaker, location, food and time) for eight (8) or more monthly meetings (September through May). Term of office is one (1) year, then serve as Chair for one year and then serve on the Executive Committee for two years.

*Candidate Chelsea Bourdon.* Chelsea Bourdon graduated from LSU in December of 2014 and is employed by Hargrove Engineers and Constructors in Baton Rouge. She has been part of the local AIChE chapter since 2016 serving as secretary for the past two years.

**Secretary:** In absence of the Chair and Vice-Chair, shall preside at all meetings of the section. The Secretary shall keep a record of the proceedings of the Section and issue a report to the Institute (i.e., National AIChE), outlining the activities of the Section during the year. The Secretary shall coordinate section meeting attendance with the Treasurer (e.g., receiving individual e-mail reservations). After the annual election (i.e., December meeting), the Secretary shall forward the names of the officers and members of the Executive Committee to the Institute. Term of office is one (1) year.

*Candidate Erik Flores.* Erik is a graduate of LSU and is employed at Hargrove Engineers and Constructors. He is currently serving the Baton Rouge Section as chair of the Education and Young Professionals committees.

**Treasurer:** In absence of the Chair, Vice-Chair and Secretary, shall preside at all meetings of the section. The Treasurer shall keep a financial record of the Section. The Treasurer shall be charged with the collection and disbursement of funds (e.g., collection of meeting credits and debit payments) as authorized by the Chair or the Executive Committee. Mid-year and end of year financial reports shall be prepared for the Executive Committee (essentially automated). Term of office is two (2) years.

**Executive Committee Member** (elected): Provides guidance, recommendations and opinions at Executive Committee meetings. Former section officers usually best candidates to fill this position. Term of office is three (3) years.

*Candidate Randy Goodman.* Randy Goodman has been a member of AIChE since 1981, and has held the positions of Vice-Chair, Chairman, Executive Council, Seminar Chairman, and PDH Chairman in the AIChE Baton Rouge Chapter. Randy has a BS degree in Chemical Engineering from Louisiana Tech University. His career includes 25+ years as a Process Engineer working mostly in petrochemical and refining. Randy's work at DOTD has included work as the Right-of-Way Permits Engineer and Specifications Engineer. As the Specifications and Standards Engineer leading the DOTD Specifications Unit he developed and produced the DOTD 2016 Louisiana Standards and Specifications book. Randy currently serves as the DOTD Asset Management Engineer and has the responsibility for managing the agencies responsibilities relating to MAP-21, with a primary focus of developing and implementing the Transportation Asset Management Plan (TAMP).