



NEWSLETTER

ChemLuminary
Award Winner

Dec 2016

LETTER FROM THE CHAIR



Greetings and Wishes for a Happy 2017!

I am delighted to be involved with the Brazosport section of American Chemical Society (ACS) – a national organization which has been improving people's lives through the transforming power of chemistry for more than 140 years. As the world's population rises and new economies emerge, society requires novel solutions to meet its most basic needs including energy, water, housing, food, health, and transportation. However, limited natural resources entail their efficient use while simultaneously enhancing the quality of life of current and future generations. In this respect, chemists and chemical engineers play a critical role in developing innovative solutions to address the above challenges. The mission of ACS truly aligns with this new reality by focusing on advancing the broader chemistry enterprise and its practitioners for the benefit of Earth and its people.

As the chair of the Brazosport section, I plan to tailor events to enable this greater vision. Specifically, I would like to organize and support fun and interesting events to advance chemistry. For example, our 3-D printing seminar last year aimed at creating awareness about state-of-the-art technologies and spark interest in young and experienced minds alike. I would also like to assist local chemists with personal development and networking opportunities through seminars and social events. I believe these platforms serve to connect not only individuals but also ideas that could lead to paradigm shifts in innovation! Additionally, I want this section to serve as a stage for future chemists through local outreach programs. Particularly, our organization supports high schools through various grant opportunities and events to attract bright students to chemistry. For example, this section has actively participated in outreach events at the Lake Jackson Museum to explain applications of chromatographic tools to high school students.



2016 ACS Annual Awards Banquet

When: Tuesday, Jan. 17, 2017
Time: 5:30pm – 8:00pm
Where: The Local
120 That Way Street
Lake Jackson, TX 77566



Please join us as we celebrate another fantastic year!

This evening will include a presentation

Research Fellow at Dow - what, why, and how?

Patricia Ansems-Bancroft

Research Fellow – Core R&D

Appetizers, Dinner, Dessert and 2 alcoholic drinks will be provided for \$15 (members) or \$20 (non-members) if you prepay via PayPal (click [HERE](#) or scan code below) or \$25 at the door (for members and non-members)

RSVP by Friday (1/13) to: Brazosport.ACS@gmail.com or Section Secretary, Kelly Davis @ 979-238-5718 with your choice of:

- Shrimp & Grits
- 4oz Petite Beef Filet with Béarnaise Sauce
- Roasted Balsamic Chicken Breast
- Kansas City Pork Shanks
- Angel Hair Pasta Primavera



Continued from left

I intend to continue supporting these events as well as other new initiatives. In short, this appears to be a busy year full of networking, outreach, and fun adventures. I sincerely hope that you will join us for all the exciting events that we have planned for you!

Best wishes,

Kishori Deshpande

Chair of ACS Brazosport Local Section

About our chair:

Dr. Kishori Deshpande is a Research Scientist at The Dow Chemical Company. Her areas of interest include process intensification, process and reactor design, and improving manufacturing robustness for catalysts. Dr. Deshpande has 6 granted patents and multiple patent applications. She is also Green Belt certified in Six Sigma Methodology. In her spare time, she likes to volunteer for ACS, scuba dive, and practice Taekwon Do.

Announcements



The Brazosport local section is soliciting nominations to sponsor the inaugural membership fee for local chemistry teachers to join this new professional organization

Current nominees

Ron Sprinkle

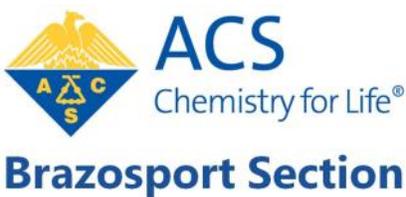
Megan Land

Nationally

Visit <http://teachchemistry.org/> for more information

Locally

Visit Brazosport.ACS@gmail.com for more information



The Brazosport local section is soliciting nominations for the following ACS awards:

- Local Section Outreach Volunteer of the Year Award
 - Rising Star Award
- ACS Award in Polymer Chemistry

Upcoming Events

Chemistry in Our Universe

Innovative Project Grant (IPG)

Host: the Brazosport Local Section

Location: TBD

Timing: March/April

3-D Printing at Lake Jackson Library

A 3-D printing event was organized in collaboration with the Lake Jackson public library. The objective was to create active participation of attendees including local students. Participant feedback was very positive. In addition, we collaborated with local non-profit organization to create awareness about the 3-D printing technology. We had a record attendance (approximately 65 attendees including ACS volunteers) for this event .



3-D Printing: The Next Wave in Manufacturing

Please join us for a seminar on 3-D printing by

Dr. Piyush Thakre

The Dow Chemical Company

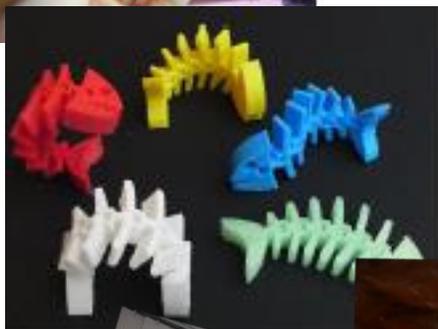
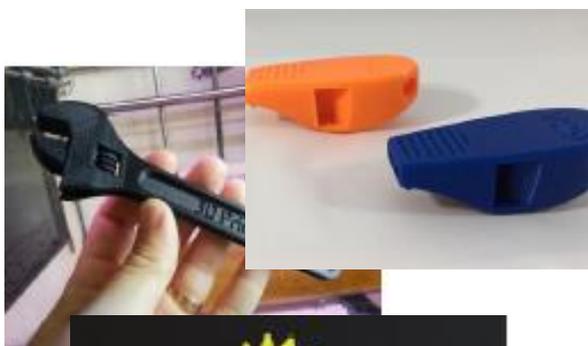
Seminar will be followed by a live 3-D printing demonstration by LJ library staff

When: Monday, May 23, 2016
Time: 5:00pm – 6:30pm
Where: Lake Jackson Library
250 Circle Way St.
Lake Jackson, TX 77566

RSVP by Friday 05/20 to: Brazosport.ACS@gmail.com or Section Secretary, Kelly Davis @ 979-238-5718

*Seminar open to all participants age 6 and above
Registered participants will get a chance to 3-D print an object at no cost!*

Appetizers and Drinks will be provided



Year at a Glance

Winter

- Brazosport Annual Banquet
- ACS Leadership Institute

Spring

- 3-D printing event

Summer

- Science Outreach Demo at the Library
- Science Outreach Demo at the Lake Jackson Historical Museum's Science Fest
- Seminar in a Box-Career Development

Fall

- Science Fair Judging at the school and the county level
- Local Section goes to Welch Chemistry hall at Houston Museum of Natural Science

Winter

- Festival of Lights



- The 18th Annual ChemLuminary Awards celebration was held during the ACS National Meeting in Philadelphia on August 23, 2016
- Brazosport section won the Outstanding Performance by a Local Section (Medium-Small Size) Award in recognition of the excellent outreach events held in 2015. Among them, the Lil' Champs Childcare Center, Festival of Lights, and events in the local library museum engaged more than 1,000 children from pre-K to high school age.

NEWSLETTER



Brazosport Local ACS Section Board 2017

Chair : Kishori Deshpande
Chair-Elect: Hayley Brown
Past Chair: Kelli Jay
Secretary: Kelly Davis

Treasurer: Kaoru Aou
Director: Carla Schmidt, George St. George
Councilor: Carolyn Ribes
Alternate Councilor: Chanda Klinker

Visit us online and stay up to date on upcoming events and activities!

<http://brazosport.sites.acs.org/>



Brazosport Local
Section

<https://www.facebook.com/BrazosportACSLocalSection>

We appreciate your feedback! BrazosportACS@gmail.com

ACS Brazosport Newsletter: Responsible for content: ACS Brazosport Local Section—Officers and Committee Members
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If you have contributions for the Newsletter, please send in electronic form to brazosportacs@gmail.com