



ACS Local Section
East Texas

October 2019

Next Section Meeting

Date: Thursday, October 3
Time: **7:30 pm** (light refreshments will be available)
Location: Freeman P. and Carrie E. Hodge Center
(facing University Ave across from Thomas W. Cole Library)
Wiley College
Marshall, TX

The Impact of Mentoring

Dr. Jennifer Jamison
LeTourneau University

Dr. Jamison will discuss the impact mentoring has had on her pursuing undergraduate and graduate education, as well as surviving and thriving in her career. In addition, she will discuss what students and early career professionals can do to cultivate strong and positively impactful mentoring relationships as a part of reaching their career aspirations.

Dr. Jennifer Jamison is an associate professor of chemistry at LeTourneau University. She graduated from the University of Texas at Arlington with a Bachelor of Science (cum laude) in chemistry. She completed her Master of Arts and Doctor of Philosophy in chemistry at Rice University, followed by a postdoctoral research associateship at the Texas A&M Health Science Center College of Medicine. Dr. Jamison has received extensive mentoring, first as a Ronald E. McNair Scholar during her undergraduate years and as a National Science Foundation - Alliances for Graduate Education and the Professoriate (NSF-AGEP) Doctoral Scholar/Fellow and NIH Nanobiology Training Fellow.



Upcoming Dates

October 3	Jennifer Jamison, LeTourneau University @ Wiley College
October 21-27	National Chemistry Week
October 22	Program-in-a-Box
November 13-16	Southwest Regional Meeting, El Paso, TX

2019 Section Officers

Chair	Ruth Hathaway	ruthhathaway@msn.com
Chair-elect	Ronda Howe	rhowe@kilgore.edu
Treasurer	Jerome Stavinoha	jstavinoha@gmail.com
Secretary	Mike Sheets	mike.sheets@texarkanacollege.edu
Councilor	Philip Verhalen	philip.verhalen@gmail.com
Alt. Councilor	Mike Sheets	mike.sheets@texarkanacollege.edu

Section Website

www.acs.org/easttexas

Call for Nominations for Section Leadership

If you are interested in being an officer in the Section, contact Ruth Hathaway by October 10, 2019. Ballot for Chair-elect, Treasurer, Secretary, Councilor and Alternate Councilor will be sent in November.

Student Travel Grants for Southwest Regional Meeting

If you have a student that will be presenting at the SWRM/RMRM meeting in El Paso, and would like to apply for a travel grant, contact Ruth Hathaway by September 30. The Section may submit one nomination for consideration.



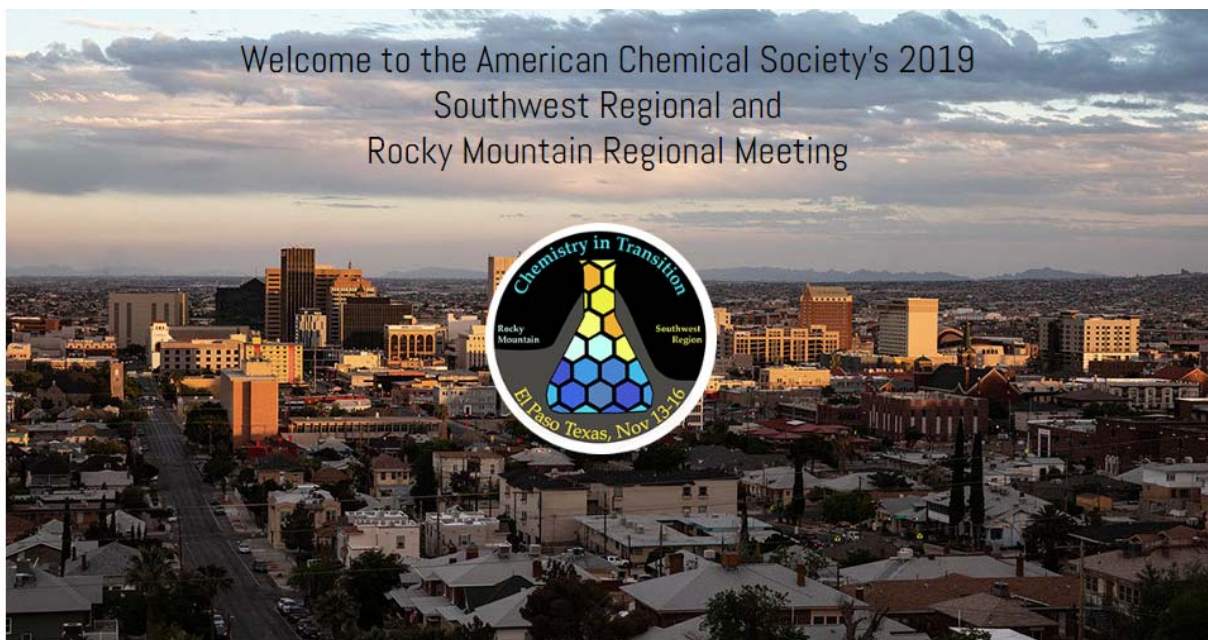
Tuesday, Oct. 22nd at 6:45pm ET

Register your group (<https://www.acs.org/content/acs/en/acs-webinars/program-in-a-box/pib-on-demand/metals.html>) to join thousands of students and early career chemists from around the world online for this **FREE, one-night only event!** From innovations in medical imaging and theranostics to fundamental changes to the way we create everyday necessities like clothing, food, and energy, **discover how these scientists are harnessing the power of our “marvelous metals.”**

- **A live interactive video broadcast** featuring technical presentations and Q&A
- Professor Thomas J. Meade will define molecular imaging, what it can currently do in the clinic, and how his **“bioactivated” or “conditionally activated” probes could revolutionize how we diagnose and even treat patients** during the diagnostic phase
- Professor Vy Maria Dong will discuss the importance of organic chemistry processes to the industries that power modern society and how **she is using metals to create improved reagents, catalysts, and strategies for a more sustainable and greener future**
- **Be the first to answer “Marvelous Metal Trivia”** on Twitter with #ACSPIB and get a shout out live on-air!
- **Meet thousands of fellow students and professionals around the world** on Facebook, Twitter, and Instagram by posting with the event hashtag #ACSPIB
- **Take your event further with the ACSPIB “Expansion Pack,”** including guides for optional hands-on activities, ice breakers, experiments, and discussion questions

**If you host this, let Ruth Hathaway know
and we will list it on the website.**

Southwest and Rocky Mountain Regional Meeting



November 13-16, 2019
The El Paso Convention Center
El Paso, Texas
<http://swrm.org/home.html>

ACS Webinars™

ACS Webinars™ is a free, weekly online event serving to connect ACS members and scientific professionals with subject matter experts and global thought leaders in chemical sciences, management, and business. The ACS Webinars are divided into several series that address topics of interest to the chemical and scientific community; these series include careers, business and innovation, professional growth, joy of science, extreme chemistry, entrepreneurial initiative, green chemistry, and more. Each webinar is 60 minutes in length, comprising a short presentation followed by Q&A with the speaker. The live webinars are held on Thursdays from 2-3pm ET. Recordings of the webinars are available online and upcoming events are posted at <http://acswebinars.org/>.

September 26

Who Will Win the #ChemNobel? Predicting the 2019 Nobel Laureate(s) in Chemistry

<https://www.acs.org/content/acs/en/acs-webinars/popular-chemistry/predicting-nobel-5.html>

Can't wait until the Nobel Prize in Chemistry is awarded on October 9? We can't either. Join the editors at *Chemical & Engineering News* and a panel of special guests as we feed chemists' frenzy during our annual predictions webinar. The editors and panelists will make their best guesses at who will claim chemistry's big prize and chat about Nobel controversies.

During this free interactive broadcast you can cast your own virtual vote and ask the panelists questions about Nobel-worthy science.

October 1

Catalyze the Vote! 2020 ACS President-Elect Candidates

<https://www.acs.org/content/acs/en/acs-webinars/popular-chemistry/catalyze-the-vote.html>

“Democracy cannot succeed unless those who express their choice are prepared to choose wisely. The real safeguard of democracy, therefore, is education.” — Franklin D. Roosevelt

Join the 2020 ACS President-Elect Candidates, H.N. Cheng and Carol Duane for a friendly virtual discussion, brought to you by the ACS Younger Chemists Committee (YCC). Don't miss this opportunity to discover more about each candidate's values as they answer questions relevant to young chemists as well as the entire Society. Become more informed of their specific goals, and get the information you need when you cast your vote during this free interactive broadcast.

October 3

The Future of Organic Synthesis is in Water: From Chemo-to Bio-catalysis

<https://www.acs.org/content/acs/en/acs-webinars/technology-innovation/water-chemistry.html>

We are long overdue in converting the practice of organic chemistry to a sustainable discipline. It is time to think about the state in which we are going to leave the planet, as present day synthesis produces unimaginable levels of organic waste, most being organic solvents. We are also consuming at an alarming rate our limited natural resources, especially endangered metals such as the platinoids, that function as crucial catalysts.

Just as bio-catalysis, throughout time or via directed evolution, is done in water, doing synthetic chemistry in water just makes sense. It is not only typically faster, better, and cheaper, it tends to be even more selective. Join Distinguished Professor Bruce Lipshutz of UC Santa Barbara during this free interactive broadcast as he demonstrates how for chemical, economic, and environmental reasons, chemistry in water is our only path to sustainability.

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LeTourneau University Science Seminar Series

LeTourneau University's science seminar series are hosted by the Department of Chemistry & Physics:

- Departmental seminars are free of charge and open to the public. Any interested parties, including homeschoolers and high school students, are welcome to attend.
- All seminars will be held in Glaske C101 (Berry Auditorium) on the LeTourneau University campus in Longview, Texas, from 11:00 to 11:50 a.m. unless otherwise stated.
- Lunch with the speaker usually follows the seminar. Lunch will be in the Corner Café either in the stage area or in the Joyce room.
- Videos are usually available within a day of the seminar. Click on the (video available) link to access the video.
- Any questions or comments regarding the seminar schedule may be directed to Gary DeBoer at GaryDeBoer@letu.edu or 903.233.3363.
- Opinions expressed by the speakers at seminar are their own and should not be taken as official positions of LeTourneau University.

September

25 Faith and Technology (7:00 pm in Glaske, C101)

Brent Waters

Garrett-Evangelical Theological Seminary, Evanston, IL

October

3 Teaching Physics in China

Steve Ball

Department of Chemistry and Physics, LeTourneau University, Longview, TX

10 Computational Chemistry

Devin Matthews

Department of Chemistry, Southern Methodist University, Evanston, IL

17 Colored Motzkin Paths of Higher Order

Isaac DeJager

Department of Mathematics, LeTourneau University, Longview, TX

24 Organic Chemistry

Bruce Hathaway

Department of Chemistry and Physics, LeTourneau University, Longview, TX

31 Taxi-cab Geometry

Steve Armstrong

Department of Mathematics, LeTourneau University, Longview, TX

November

7 Patent Law for Scientists and Engineers

Gregg Parker

Patent Attorney

Parker-Justiss Law, Dallas, TX

14 From Rocket Fuel to the Military Industrial Complex

Gary DeBoer

Department of Chemistry, LeTourneau University, Longview, TX

21 Multiscale Modeling of Complex Materials

Doran Bennett

Department of Chemistry and Chemical Biology, Harvard University, Boston, MA

December

5 X-ray Crystallography and Molecular Biology

David Barondeau

Department of Chemistry, Texas A&M University, College Station, TX

