



ACS Local Section
East Texas

April 2019

Next Section Meeting

Date: Tuesday, April 16
Time: 7:00 pm
Location: 3rd floor, Ratliff Building South (RBS)
The University of Texas – Tyler Campus
Tyler, TX

Student Poster Sessions

Join us as we network with students and discuss their research.

Upcoming Dates

April 16	Student Presentations @ UT-Tyler
April 21-27	Chemists Celebrate Earth Week
August 23-27	ACS National Fall Meeting, San Diego, CA
September	Melanie Moser, Texas A&M-Galveston @ Stephen F. Austin University
October 3	Yvette Fobian, Pfizer Inc. @ Wiley College
October 21-27	National Chemistry Week
November 13-16	Southwest Regional Meeting, El Paso, TX

September date is in the process of being finalized.

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:

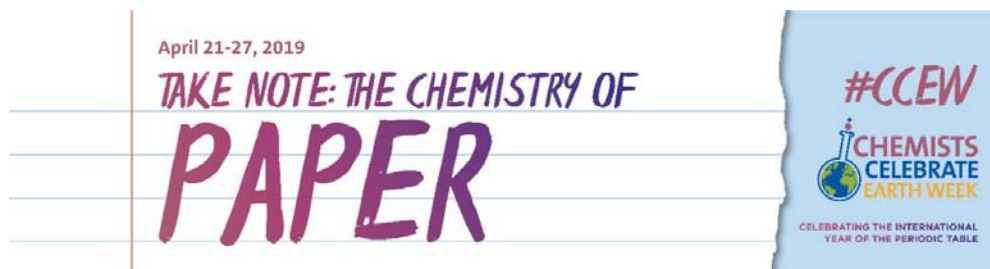
<https://communities.acs.org/community/society/component-websites/east-texas-local-section>

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Web Master/Marm Needed

We are in need of a person to keep our website updated – current officers, meetings and newsletter. If you are interested, contact Ruth Hathaway at ruthhathaway@msn.com. We do pay (not a lot) for this position.

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During 2019's [International Year of the Periodic Table](#), CCEW will be celebrated April 21-27, 2019 with the theme, "**Take Note: The Chemistry of Paper.**" If you would like copies of the CCEW 2019 edition of *Celebrating Chemistry* (English only) contact Ruth Hathaway (ruthhathaway@msn.com). The section has a limited supply available until depleted.

Membership Milestones

We congratulate the following section members who have reached five year milestones of membership in the American Chemical Society.

70 Years

William Gignilliat

60 Years

William Ames

Charles Whiteside

55 years

Joe McMurry

Earl Parker, Jr

Harry Snyder

50 years

Richard Langley

Oldrich Machacek

45 years

Byron Howell

Jeffrey Vanderbilt

40 years

Randal Ford

35 years

Saubhagya Mathur

David Rauscher

25 years

Bennett Novak

Donald Spencer

Idala Trent

Harden Wren

15 years

Laura Boyd

Vivian Fernand Narcisse

Jason Paul

Robert Root

10 years

Greg Hogan

Bernard Hylands

Lauren Johnson

Dustin Patterson

5 years

Danielle Eddings

Jason Hamby

Christy Hjorth

Megan Holladay

Celeste Keith

Mohammad Tasooji

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/>.

April 11

Helium: An Irreplaceable Resource and Why We Must Conserve It

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

Helium is one of our few non-renewable resources, and yet it is critical for many applications as an inert gas and as one of the coldest substances known. The unique properties of this “endangered element” make it vital to conduct low temperature experiments and make it critical for many applications such as MRI and NMR magnets. After experiencing supply shortages and rapid changes in its price, as a scientific community, we need to seize opportunities for its conservation and recycling.

Join Sophia Hayes of Washington University and William Halperin of Northwestern University during this free interactive broadcast as they discuss why helium is such a valuable scientific commodity, the current supply challenges, and the potential conservation strategies.

April 23 (7pm China Standard Time – in Mandarin)

Tips on Transitioning from Academic to Industry Research

<https://www.acs.org/content/acs/en/acs-webinars/academic-industry.html>

Upon graduation, many Chemistry students will have the opportunity to pursue a research career in Industry. However, because the only experience students have is in the university environment, there is a lot of confusion about the working environment of the company.

Join ACS Fellow, APS Fellow, and Dow Fellow Dr. Hongyu Chen, as he discusses the differences in academic and enterprise research and what enterprise recruiters are looking for in an R&D candidate.

April 25

Is Paper and Pulp Recycling the Solution to Our Single Use Package Problem?

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

The world is struggling with waste management and pollution, and becoming more aware of the cost of single-use, disposable products. But, what are the alternatives to low cost plastic materials? Paper produced from wood pulp is one of the most important materials in society. It not only promotes using land as forests but also provides critical services like containers, tissue and towels, printed materials, and many other applications.

Join Richard Venditti, Professor in the Department of Forest Biomaterials at North Carolina State University, for a special free interactive broadcast for *Chemists Celebrate Earth Week* as he demonstrates the potential of paper and pulp recycling as the renewable, biodegradable, and environmentally compatible solution that society desires.

Science Seminars at LeTourneau University

LeTourneau University will hold a series of science seminars on Thursdays at 11:00 am in Berry Auditorium of the Glaske Center for Engineering, Science, and Technology. The series will include topics in physics, engineering, chemistry, mathematics, and intellectual property law for engineers and scientists. For a complete schedule with the latest updates please go to www.letu.edu/scienceseminars.

April 11

A Photometric Study of the Eclipsing Binary V574 Lyra

Abbey Rickards

Department of Physics

Stephen F. Austin University, Nacogdoches, TX

April 18

Organic Semiconductors

Heungman Park

Department of Physics and Astronomy

Texas A&M – Commerce, Commerce, TX

April 25

Creativity and Mathematical Practice

Elizabeth Lick

Department of Mathematics

LeTourneau University, Longview, TX

May 2

Design and Deployment of Radiation Detection for U.S. Border Security

Asim Khawaja

Pacific Northwest National Laboratory

Richland, WA



Campus Map



1. **Fine Art Complex (ARC)**
Art & Art History
2. **Auxiliary Building #1 (AX1)**
Office of International Programs (OIP)
3. **Auxiliary Building #2 (AX2)**
Office of International Programs Annex
4. **Ingenuity Center Building (ICB)**
5. **Auxiliary Building #4 (AX4)**
TxAIRE Homes
6. **James H. Stewart Administration Building (ADM)**
Enrollment Services Center, Cashiers, Human Resources Administration, Welcome Center
7. **David G. and Jacqueline M. Braithwaite Building (BRB)**
College of Nursing
8. **Biology, Education and Psychology Building (BEP)**
College of Education and Psychology, Biology
9. **Business Building (BUS)**
College of Business, Liberal Arts, Academic Computing Center
10. **R. Don Cowan Fine and Performing Arts Center (FAC)**
Vaughn Auditorium, Braithwaite Recital Hall, Meadows Gallery, School of Performing Arts
11. **Louise Herrington Patriot Center (HPC)**
Health and Kinesiology, Fisch Convocation Center (volleyball/basketball courts), Vaughn Pool
12. **Health Clinic (UHC)**
Student Medical Services
13. **Hudnall-Pirtle-Roosth Building (HPR)**
Communication, Educational Leadership & Policy, Human Resource Development and Technology, Psychology & Counseling
14. **Modular Building #1 (MB1)**
15. **Modular Building #2 (MB2)**
Communication Annex – Debate Team & Patriot Talon
16. **Modular Building #3 (MB3)**
17. **Robert R. Muntz Library (LIB)**
Library, Patriot Printing Services
18. **Mr. and Mrs. Joseph Z. Ornelas Residence Hall (ORH)**
19. **Ornelas Activity Center (OAC)**
University Advancement Alumni Relations
20. **Patriot Village Apartments (PVL)**
21. **Physical and Health Education Building (PHE)**
Athletics, Jones Gym
22. **Physical Plant (PHY)**
Campus Maintenance/Energy Services, Mail Services, Building Maintenance Services
23. **Power Plant (PPN)**
Campus Utilities
24. **Power Plant (PPS)**
Campus Utilities
25. **Ratliff Building North (RBN)**
College of Engineering and Computer Science, Mathematics
26. **Ratliff Building South (RBS)**
College of Engineering, Chemistry
27. **Summers Tennis Center (STC)**
Patriot Tennis
28. **Innovation Academy (IA1)**
29. **University Center (UC and UCN)**
Dining Services, Student Life and Leadership, Residence Life, Career Services, UT Tyler Barnes and Noble Bookstore, Veterans Resource Center, International Student, Scholar & Faculty Services
30. **University Pines Apartments (UPA)**
31. **University Service Center (USC)**
Campus Police
32. **Eagle's Landing Apartments (EL)**
33. **W.T. Brookshire Hall (WTB)**
Fisch College of Pharmacy
34. **Innovation Academy (IA2)**
35. **Innovation Academy (IA3)**
36. **Innovation Academy (IA4)**

University Boulevard (spur 249)

To Ornelas Activity Center

To Loop 323

