

February 2019

Next Section Meeting

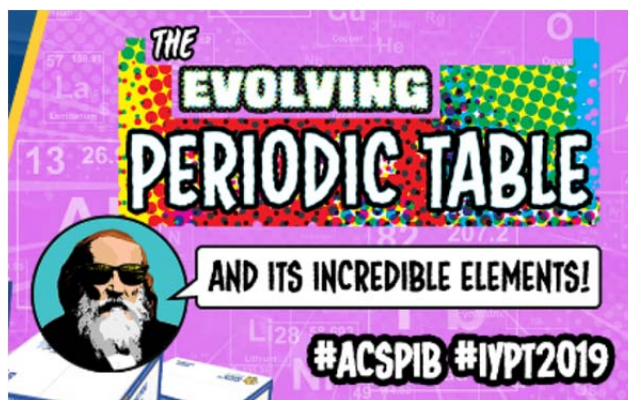
Date: Tuesday, February 26
Time: 6:00 - 7:30pm
Location: Room Chem 200, Texarkana College

This is the only location known in our section at the time this went to “press”.
Check at a college/university near you to see if they are also participating.

The Evolving Periodic Table And Its Incredible Elements!

ACS Program-in-a-Box

One-hundred and fifty years ago, Dmitri Mendeleev first presented his periodic system to the Russian Chemical Society, forever shaping the way we look at the elements. His system, which organized the elements based on atomic weight, valence, and measurable properties, laid the foundation for today’s Periodic Table. In honor of this, The United Nations has declared 2019 to be the International Year of the Periodic Table.



- What were the conflicting proposals from around the world for how the elements should be organized and why did our current system rise to the top
- Be the hero of your next party with “Table Trivia” from ACS Reactions
- How were the most recent, superheavy elements discovered and does the Periodic Table have any more room to grow
- Much, much more...

Upcoming Dates

March	Robert Strife, Procter & Gamble Co. @ Texas A&M-Texarkana
March 31-April 4	ACS National Spring Meeting, Orlando, FL
April	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

Dates are 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
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Councilor	Philip Verhalen	philip.verhalen@gmail.com
Alt. Councilor	Mike Sheets	mike.sheets@texarkanacollege.edu

Section Website: <http://easttexasacs.sites.acs.org/>

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.

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/>.

February 7

Startups 101: From Lab Scientist to Entrepreneur

<https://www.acs.org/content/acs/en/acs-webinars/business-entrepreneurship/lab-to-entrepreneur.html>

Having a great idea is only the beginning. How can you transform from being a lab scientist to an entrepreneur running your own startup? There has been an uptick in funding for startups from both the government and private investors, especially to translate your research to products.

Join Naresh Sunkara, CEO of startup Nosocom Solutions Inc. and Special Advisor to the Vice Chancellor for Research for postdoc affairs at the University of California, Berkeley to discover if launching a startup may be a better alternative to your current career plans as graduate students and postdocs. During this free interactive broadcast learn when you should start thinking about entrepreneurship and what should be your initial steps, as well as how to evaluate a technology for market-fit or customer identification, and how to find that initial funding source.

February 14

The Chemistry of Chocolate and Desire

<https://www.acs.org/content/acs/en/acs-webinars/culinary-chemistry/chocolate-desire.html>

Whether it's milk, dark or white chocolate this unique food has always been associated with pleasure, but can chemistry tell us why? Our craving for chocolate may arise from its chemical nature like the sugar, fat, caffeine, and other compounds. Furthermore, our desire may be driven by the sensory properties of chocolate, which include aroma, sweetness, and texture.

Join Michael Tunick, Assistant Clinical Professor of Culinary Arts & Food Science at Drexel University in this free interactive broadcast as he explains the science of chocolate desire and why chemistry may be responsible for our craving.

March 7

Providing Science and Technology Support to Congress: Plans and Opportunities

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

The U.S. Congress wrestles daily with complex issues facing our nation, many of which exist at the nexus of science, technology, and public policy. Therefore, as scientists, how can we positively affect the future legislation of science and technological advancements? The Government Accountability Office (GAO) holds a unique role in assisting Congress with its oversight, insight, and foresight responsibilities. Recently Congress tasked GAO with expanding its role in providing scientific and technology-related information and support.

Join Karen Howard and Timothy Persons of GAO in this free interactive broadcast as they discuss the plans GAO has for meeting that request. Don't miss this opportunity to share your input regarding issues GAO could address, types of products and services that would be helpful to Congress and the public, and methods and frameworks to provide policy options to Congress.

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.

February 7 *Yes, But What is Technology for? The Faith, Science, and Technology Lecture Series*

(Great Room of the Abbot Student Center)

Brad J. Kallenberg, Department of Religious Studies, University of Dayton, Dayton, OH

February 14 *Euclid's Impact in History*

Elizabeth Clements, Department of History and Political Science, LeTourneau University, Longview, TX

February 19 (Tuesday, 7:00pm) *Nanotechnology*

Jim Tour, Smalley-Curl Institute and the NanoCarbon Center, Rice University, Houston, TX

February 28 *Science and Religion*

Jonathan Lett, School of Theology and Vocation, LeTourneau University, Longview, TX

March 5 (Tuesday, 5:30pm) *Dark Energy and Cosmic Acceleration*

Mustapha Ishak, Department of Physics, University of Texas, Dallas, TX