An Introduction to Winemaking: A Look at the Science Behind the Art

Michael McLendon
Kiepersol Estates

The presentation will involve a review on winemaking and how science is integrated as well as touch on some of the basic analytics in a wine laboratory.

Speaker Bio
Michael McClendon is a winemaker at Kiepersol Enterprises. Michael worked at Kiepersol in their laboratory as an intern in 2008 while attending UT Tyler. After completing his BS degree in biology in 2009 he became a full time employee at Kiepersol—working as an Enologist and later to lead the production team.
Michael has become more involved in the East Texas wine community as a board member for the Piney Woods Wine Trail. He has also started a custom crush facility to better serve the burgeoning Texas wine industry. One of his honors is being recently named “a Young Turk of Texas Wine” by wine writer and author of The Wine Slinger Chronicles Dr. Russ Kane.

Tuesday, October 23
6-7:30pm
Berry Auditorium
Glaske Center for Engineering, Science, and Technology
LeTourneau University
Longview, TX

We will also celebrate Mole Day!

What You Will Learn
- How the Curiosity Rover has revealed the geologic history of Mars, and how this knowledge can help inform us about the environments that existed on the surface of Mars, and even Earth, during the time when life evolved
- The unique challenges of long term space travel and a profile of the current work to ensure that humans can survive the voyage
- What is the current state recycle waste research that will help sustain valuable materials for astronauts during long deep-space missions using biopharmaceutical production

Meet the Experts
- Kirsten Siebach
  Rice University
- Brett A. McGuire
  National Radio Astronomy Observatory
- Mark Blenner
  Clemson University
- Mary Ann Meador
  NASA Glenn Research Center
- Michael Meador
  NASA’s Game Changing Technologies Program
- Susanna Widicus-Weaver
  Emory University
Upcoming Dates

August 19-23  ACS National Fall Meeting, Boston, MA
October 2  Michael McClendon, UT-Tyler, Tyler, TX
October 21-27  National Chemistry Week
October 23  Program in a Box, LeTourneau, Longview, TX
November 7-10  Southwest Regional Meeting, Little Rock, AR

2018 Section Officers

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

Call for Nominations for Section Leadership

If you are interested in being an officer in the Section, contact Jerome Stavinoha.
Ballot for Chair-elect, Treasurer and Secretary will be sent in November.

2018 Southwest Regional Meeting
THE NATURAL STATE OF CHEMISTRY

November 7 - 10, 2018
The Central Arkansas section of the American Chemical Society is pleased to announce that it will host the 2018 Southwest Regional Meeting of the American Chemical Society at the Little Rock Marriott and Convention Center, 3 Statehouse Plaza, Little Rock, Arkansas 72201.

The meeting will feature presentations, poster sessions, an exposition, receptions and an educators’ day with a wide variety of symposia topics chosen from Analytical, Inorganic, Organic, Physical, Polymer Chemistry, and much more.

Visit the SWRM site at https://swrm.org/2018
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.

September 20  Verification Analysis of Red Flag Warnings in the Reno, Nevada Area
Julianna Glinskas, Department of Chemistry and Physics, LeTourneau University, Longview, TX

September 27  Research in Forensic Chemistry: Part 1
Claire Burson-Lamberti and Peace Namboote, Department of Chemistry and Physics and the School of Nursing, LeTourneau University, Longview, TX

October 4  Story of Aerafin
Marc Somers, Eastman Chemical Company, Longview, TX

October 11 Summer Undergraduate Research
Marisa Trosen, Robert Moreland, and Sion Gowing, Department of Chemistry and Physics, Longview, TX

October 18 Engineering and Science Career Paths at Eastman
Evan McDougall, Eastman Chemical Company, Longview, TX

October 25 Inorganic Materials
Mohammad Omary and Claire Burson-Lamberti, University of North Texas and LeTourneau University, Department of Chemistry, Denton and Longview, TX

November 1 Research in Mathematics
Tibor Szaras, Louisiana State University Shreveport, Shreveport, LA

November 8 Patent Law for Scientists and Engineers
Connie Nichols, Baylor Law School, Waco, TX

November 15 Research in Forensic Chemistry: Part 2
Kathryn Beverly Baker, Department of Biology, LeTourneau University, Longview, TX

November 29 Cell Biology
Beatriz M.A. Fontoura and Annabelle Malinowski, University of Texas Southwestern Medical Center and LeTourneau University, Dallas and Longview, TX
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 20

**A Novel Strategy for the Treatment of Chronic Pain: Antagonising PAR2 with a Monoclonal Antibody**


Current therapeutic options for the treatment of chronic pain states are inadequate. Proteinase-activated receptor (PAR)-2 involvement in pain signaling is well known, yet suitable antagonists to the GPCR have proven hard to identify. Join Pete Thornton, a Senior Scientist on the Neuroscience Biology Team at AstraZeneca, during this free interactive webinar as he presents data describing a new approach to blocking the receptor signaling pathway which could deliver a novel therapeutic option for chronic pain patients.

September 27

**Who Will Win the #ChemNobel? Predicting the 2018 Nobel Laureate(s) in Chemistry**


Breathless with anticipation over who will receive this year’s Nobel Prize in Chemistry? We are too. Feed your frenzy as we once again host our annual predictions webinar that will tide you over until October 3. Join the editors at *Chemical & Engineering News* and a panel of special guests as they make their best guesses at who will claim chemistry’s big prize during an interactive free broadcast on September 27. Cast your own virtual vote and ask the panelists and hosts questions during a lively discussion of Nobel-worthy science.