

September 2019

Next Section Meeting

Date: Thursday, September 19
Time: 7:00 pm (light refreshments will be available)
Location: Ed and Gwen Cole STEM Building Room 402/403
Stephen F Austin University
Nacogdoches, TX

Chemistry by the Gulf

Dr. Melanie Moser
Texas A&M University at Galveston

Texas A&M University's Galveston campus is ideally located for research and education associated with the oceans and coastal environments. Our non-traditional high impact hands-on approach to chemistry includes a boat trip for all freshman chemistry lab students where they learn about water chemistry and field sampling. Chemistry is an integral part of understanding the ocean, from its processes to tracking the impact of human and natural events.

Dr. Melanie Moser received her BS in Chemistry from Lamar University and her PhD in Organic Chemistry from the University of Houston. She has been at Texas A&M University at Galveston since 1983 where she is an Instructional Professor and Department Chair of the Department of Marine Sciences. Dr. Moser is an ACS Fellow and has been active in the Industrial and Engineering Chemistry Division, has served on several ACS National Committees. Her research interests are in chemistry education and organic compounds for novel application. She has numerous publications and presentations, which include "Is there any connection between the *da Vinci Code* and the tetrahedral bond angle? A simple geometrical construction of the latter", "Designing Tactile and Collaborative In-Class Exercises, with Examples", and "Synthesis and Spectral Data of Some New N-Nitroso-N-Phenylhydroxylamine (Cupferron) Derivatives".



Upcoming Dates

September 19	Melanie Moser, Texas A&M-Galveston @ Stephen F. Austin University
October 3	Yvette Fobian, Pfizer Inc. @ 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

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.

Call for Nominations for Section Leadership

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



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 5

IP & Regulatory Issues in Gene Editing

<https://www.acs.org/content/acs/en/acs-webinars/business-entrepreneurship/gene-editing.html>

Researching genetics can be complicated, the regulations and IP issues surrounding them can be even more so.

Decisions requiring IP and regulatory guidance are deeply embedded from early discovery through post-launch phases of product development. IP strategy needs to be tied to business goals, directed to the specific R&D pipeline, and evergreen. Due to the fact that all organisms are not treated the same, and the asynchronous nature of the global regulatory framework, careful planning of timing and projected costs to secure needed regulatory approvals is essential.

Join Cassie Edgar, Partner and Regulatory Attorney at McKee, Voorhees & Sease who will share how appropriate intellectual property and regulatory counsel is critical for organizations developing products using gene editing technology.

September 12

Synthetic Opioids: How the CDC is Expanding National Capacity to Measure Human Exposure

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

The number of overdoses and deaths related to synthetic opioids have increased in recent years with the emergence of many new and deadly man-made drugs. Fentanyl is a synthetic opioid that is 50 to 100 times more potent than morphine. Laboratory reference materials and analytical methods are more necessary than ever to combat the many new, illicit fentanyl analogs and related compounds largely driving the increases in opioid deaths.

Join Senior Service Fellow Melissa Carter and Research Chemist Elizabeth Hamelin from the Centers for Disease Control and Prevention as they discuss the design and application of an innovative new product line of analytical and certified reference materials, the [Traceable Opioid Material* Kits \(TOM Kits*\)](#), that has been developed to support detection of emerging opioids by laboratories from all U.S. sectors.

STEPHEN F. AUSTIN STATE UNIVERSITY

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|--|---|--|--|
| 1. AG SHOP AND SOILS LAB (F5) | 26. HALL 14 (E6) | 51. MCGEE BUSINESS BUILDING (D7) | 74. SCHLIEF TENNIS COMPLEX (E9) |
| 2. AGRICULTURE BUILDING (F6) | 27. HALL 16 (F6) | 52. MCKIBBEN EDUCATION BUILDING (D6) | 75. SCHOOL OF ART FILM HOUSE (B9) |
| 3. AGRICULTURE GREENHOUSE (F7) | 28. HALL 20 (G5) | 53. MCKINNEY FINE ARTS ANNEX (A5) | 76. SFA THEATER (SCENE SHOP) (A5) |
| 4. ART BUILDING (F6) | 29. HINDS PARK (F1) | 54. MILITARY SCIENCE BUILDING (F5) | 77. SHELTON GYM (D7) |
| 5. ART STUDIO (F6) | 30. HOMER BRYCE STADIUM (F4) | 55. MILLER SCIENCE BUILDING (C7) | 78. SOCIAL WORK BUILDING (B9) |
| 6. AUSTIN BUILDING (SFA ADMINISTRATION) (C6) | 31. HPE COMPLEX (D8) | 56. MURPHY WELLNESS CENTER (E4) | 79. SOUTH HALL (C8) |
| 7. BAKER PATTILLO STUDENT CENTER (B7) | 32. HUMAN SCIENCES NORTH (D9) | 57. MUSIC PREPARATORY DIVISION (D1) | 80. STEEN HALL (E5) |
| 8. BIOLOGY GREENHOUSE (C7) | 33. HUMAN SCIENCES SOUTH (D9) | 58. NORTH HALL (C8) | 81. STEEN LIBRARY (D7) |
| 9. BOYNTON BUILDING (B6) | 34. HUMAN SERVICES BUILDING (D6) | 59. PARKING GARAGE, AIKMAN (C6) | 82. STEPHEN F. AUSTIN STATUE (D7) |
| 10. BRUNDRETT CONSERVATION EDUCATION BUILDING (D2) | 35. INTRAMURAL FIELDS (F8) | 60. PARKING GARAGE, STUDENT CENTER (B7) | 83. STONE FORT MUSEUM (C7) |
| 11. COLE STEM BUILDING (C8) | 36. JANICE A. PATTILLO EARLY CHILDHOOD RESEARCH CENTER (D4) | 61. PARKING GARAGE, VILLAGE (B8) | 84. STUDENT RECREATION CENTER (E7) |
| 12. DEWITT SCHOOL OF NURSING (A1) | 37. JOHNSON COLISEUM (H6) | 62. PARKING GARAGE, WILSON (E7) | 85. SWIMMING POOL (OUTDOOR) (E8) |
| 13. DUGAS LIBERAL ARTS NORTH (C6) | 38. KENNEDY AUDITORIUM (C7) | 63. PEARMAN ALUMNI CENTER (B6) | 86. TECHNICAL SUPPORT CENTER (E1) |
| 14. EAST COLLEGE DINING HALL (E6) | 39. KERR HALL (B8) | 64. PERMITS AND CITATIONS (E6) | 87. TICKET BOOTH (F4) |
| 15. EDUCATION ANNEX (D8) | 40. KINGHAM CHILDREN'S GARDEN (G5) | 65. PHYSICAL PLANT (F6) | 88. TUCKER HEALTH SERVICES BUILDING (D5) |
| 16. FERGUSON BUILDING (C6) | 41. LEHMANN CHEMISTRY BUILDING (C7) | 66. PINEYWOODS NATIVE PLANT CENTER (D2) | 89. TUCKER HOUSE (D2) |
| 17. FIELD HOUSE (F3) | 42. LUMBERJACK LANDING (E6) | 67. PRESIDENT'S RESIDENCE (C9) | 90. UNIVERSITY POLICE DEPARTMENT (C5) |
| 18. FORESTRY BUILDING (D5) | 43. LUMBERJACK LODGE (D6) | 68. PRESS BOX (E4) | 91. U.S. FOREST SERVICE (D5) |
| 19. FORESTRY GREENHOUSE (E5) | 44. LUMBERJACK VILLAGE COMMUNITY BUILDING (C8) | 69. PRINTING SERVICES/RESIDENCE LIFE OPERATIONS (I6) | 92. VISITOR INFORMATION BOOTH (A7) |
| 20. FORESTRY LABORATORIES (D5) | 45. LUMBERJACK VILLAGE E (C9) | 70. PURCHASING AND CENTRAL STORES (F6) | 93. WISELY HALL (C5) |
| 21. GAYLA MIZE GARDEN (I8) | 46. LUMBERJACK VILLAGE S (C9) | 71. RUBY M. MIZE AZALEA GARDEN (H7) | 94. WRIGHT MUSIC BUILDING (B6) |
| 22. GRIFFITH FINE ARTS BUILDING (A6) | 47. LUMBERJACK VILLAGE W (B9) | 72. RUSK BUILDING (C6) | |
| 23. GRIFFITH HALL (A8) | 48. MAST ARBORETUM (G7) | 73. SAFETY OFFICE (D1) | |
| 24. GROUNDS AND TRANSPORTATION (H8) | 49. MATH BUILDING (D7) | | |
| 25. HALL 10 (B8) | 50. MAYS HALL (B8) | | |

UPDATED AUGUST 2018

