



AMERICAN CHEMICAL SOCIETY

PERMIAN BASIN SECTION

Newsletter

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Letter from the Chair

In San Angelo, 2016 started off much better than the previous year – no snow and ice. We were fortunate to schedule Dr. Mary Virginia Orna (College of New Rochelle) for two presentations. The first was at Angelo State University on January 26, 2016, to talk about Found and Lost: Incredible Tales of Spurious, Erroneous, and Rehabilitated Elements. The second was at the San Angelo Museum of Fine Arts on January 27, 2016, for her talk about The Chemist as Detective in Examining Art and Artifacts. Both events were very well received with about 50 attendees during each presentation. Mary Virginia is oftentimes booked with various speaking engagements throughout the country. We will continue with scheduling speakers for the year. The local section plans to hold another summer social to provide an opportunity for our members to socialize and network. If you have summer social ideas, let us know.

The upcoming 251st ACS National Meeting & Exposition will be in San Diego, CA, March 13 – 17, 2016. Our ACS student chapters will receive awards from the national ACS Committee on Education for the chapters' activities during the 2014-15 academic year. Angelo State University's ACS student chapter received a first time Outstanding Award, following eight Commendable Awards and two Honorable Mention Awards. Additionally, for the fifth straight year, the ASU chapter has received a Green Chemistry Award for outreach activities. Midland College ACS student chapter received an Honorable Mention. The ACS chapters will be honored at the 251st ACS National Meeting on March 13 in San Diego, CA.

Several ACS student members will present at the San Diego meeting:

- ACS Student Chapter posters – Cassidy Taylor: UTPB Chemistry Club: Promoting Chemistry in West Texas (advisor: Dr. Samuel David, UTPB) and Devan Gable: Activities and accomplishments of Midland College ACS Student Chapter, 2015 (advisor: Dr. Pat Nandakumar, Midland College)
- Research student poster – Caleb Haynes: Energetic stability of endo- and exohedral metallofullerene derivatives of C₂₄ (Dr. Kyle Beran, UTPB), Jonathan Whisenant and Daniel Vincent: Progress towards the synthesis of anserinones A and B (advisor: Dr. Samuel David, UTPB), and Devan Gable: Kinetic colorimetric determination of sugar identities in copper (II) chloride solutions (variations on the Benedict test and

Fehling's test for sugars) (Advisors: Dr. Thomas Ready and Dr. Pat Nandakumar, Midland College)

- Research student presentation – Jason Snitker: Organic surface functionalization technique for colloidal silver nanoparticles designed to inhibit precipitation caused by hydrogen sulfide gas (Dr. Milka Montes, UTPB)

We held our annual election in November. Our new Chair-Elect is Dr. Pat Nandakumar from Midland College. Contact information for the Executive Board may be found at the end of the newsletter.

The local section has other projects in the incubator and will keep you informed as they develop. Feel free to contact me if you have any suggestions or ideas for programs.

Dr. Kathryn Louie
klouie@suddenlink.net

Upcoming National and Regional Meetings and Programs

251st ACS National Meeting & Exposition

– Spring 2016

San Diego, California, USA

March 13-17, 2015

Theme: Computers in Chemistry



252nd ACS National Meeting & Exposition

– Fall 2016

Philadelphia, Pennsylvania, USA

August 21-25, 2015

Theme: Chemistry of the people, by the people, for the people



Permian Basin News

On January 26 and 27, Dr. Mary Virginia Orna, from the College of New Rochelle in New York, gave two lectures in San Angelo. The first was on the ASU campus, on the topic of “Found and Lost: Incredible Tales of Spurious, Erroneous, and Rehabilitated Elements,” and the second was at the San Angelo Museum of Fine Arts, on the topic of “The Chemist as Detective in Examining Art and Artifacts.”

Two ACS student chapters have received national awards from the ACS Committee on Education for their work during the 2014-15 academic year. The Angelo State University ACS student chapter received an Outstanding Award and a Green Chemistry Award. The Midland College ACS student chapter received an Honorable Mention Award. The ACS chapters will be honored at the 251st ACS National Meeting on March 13 in San Diego.

Several students from UTPB will be presenting posters at the upcoming 251st National Meeting in San Diego:

- Daniel Vincent, Jonathan Whisenant, Samuel David. “Progress Towards the Synthesis of Anserinones A and B”. To be presented by Daniel Vincent and Jonathan Whisenant at the 251st American Chemical Society Spring National Meeting, San Diego, CA. March 13-17, 2016. ORGN #224.
- Jason M Snitker, Samuel S David, and Milka O Montes “An Organic Surface Functionalization Technique for Colloidal Silver Nanoparticles Designed to Inhibit Precipitation Caused by Hydrogen Sulfide Gas”. To be presented by Jason M Snitker at the 251st American Chemical Society Spring National Meeting, San Diego, CA. March 13-17, 2016. Paper ID number: COLL #599.
- Caleb Haynes and Kyle A. Beran, “Energetic stability of endo- and exohedral metallofullerene derivatives of C₂₄”. To be presented by Caleb Haynes at the 251st American Chemical Society Spring National Meeting, San Diego, CA. March 13-17, 2016. Paper ID number: CHED #1507.

A Chemical Thought

In order to discover that no such thing as the philosopher’s stone existed, it was necessary to ransack and analyse every substance known on earth. And in precisely this lay its miraculous influence.

Justus Leibig

Chemists Just Want To Have pHun

How do a sulfur atom and an oxygen atom communicate? With a sulfone.

What is the friendliest acid? Hydroiodic acid. (HI!)

Permian Basin ACS Local Section Officers 2016

Chair: Dr. Kathryn Louie Angelo State University phone: (325) 942-2181 e-mail: klouie@suddenlink.net	Treasurer: Dr. Kyle Beran University of Texas of the Permian Basin phone: (432) 552-2238 e-mail: beran_k@utpb.edu
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If you have news about local activities, student activities, new employees, new members, good (or bad) science/chemistry jokes, or any other events related to the local section that you want to be included in the newsletter, please send the information to Kevin.Boudreaux@angelo.edu.