



AMERICAN CHEMICAL SOCIETY

PERMIAN BASIN SECTION

Newsletter

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Letter from the Chair

The Christmas holidays are just around the corner. For some of you, the semester is quickly coming to a close with finals and graduation, leaving you time for that last minute holiday shopping and to spend time with family or go on vacation.

The election for 2019 officers for the Permian Basin Local Section has been completed. The results may be found below. Your officers are looking forward to the New Year and I am sure there will be various programs planned.

Hope all of you have a safe holiday season as you travel to be with to your family. As always, feel free to contact us if you have any suggestions or comments.

Dr. Kathryn Louie
klouie@suddenlink.net

Permian Basin Election Results

The results from our most recent Permian Basin section election were:

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|--------------|---------------------|
| Chair-Elect: | Dr. Pat Kesavan |
| Secretary: | Mr. Kevin Boudreaux |
| Treasurer: | Dr. Milka Montes |
| Councilor: | Dr. Kathryn Louie |

Upcoming National and Regional Meetings and Programs

257th ACS National Meeting & Exposition – Spring 2019
Orlando, FL
March 31 – April 4, 2019
Theme: Chemistry for New Frontiers



75th Annual SWRM

El Paso, Texas

November 13-16, 2019

Theme: TBA

Permian Basin News

NOTE: News about you makes this publication interesting for our members. Please take a few minutes to jot down what you are doing.

- 1) Speeches, papers, symposia, invited talks
- 2) Publications, patents, grants awarded
- 3) New positions, appointments, promotions, awards, honors, retirements, postdoctoral research
- 4) Offices held in professional societies
- 5) Avocational achievements, miscellaneous

ACS Student Chapter News

2017-2018 Student Chapter Awards

ACS student chapters received awards from the ACS Committee on Education for the chapters' activities during the 2017-18 academic year, and will be presented to the chapter representative during the Spring 2019 national meeting. The section's student chapters received recognition for their activities:

Outstanding and Green Chapter Award
Honorable Mention and Green Chapter Award

Angelo State University
Midland College

On September 29, students in the ASU student group participated in ASU's Family Day by putting on a Magic Show. About a hundred students and their family members were treated to a number of chemistry demonstrations, including a satisfyingly loud hydrogen-oxygen balloon.



On October 24, to celebrate Mole Day, students in the ASU student group made a Periodic Table of Cupcakes. The cupcakes were sold for 50 cents each as a fundraiser. (Of course, you don't want to eat too many, or you'll get a-tomic ache.)

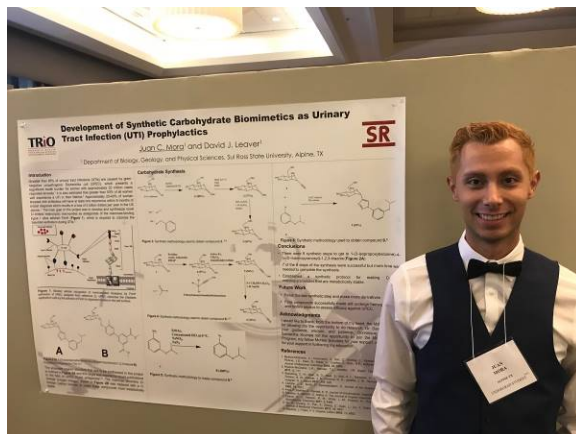


Juan C. Mora (dual Chemistry/Biology Major and McNair Scholar) from Sul Ross University was successfully nominated by the ACS Permian Basin Local Section to receive one of the ACS SWRM Travel Scholarships (\$500) to attend SWRM and present his research entitled “Development of synthetic carbohydrate biomimetics as Urinary Tract Infection (UTI) prophylactics “ as a poster.



A small group from Sul Ross State University (SRSU) attended the 74th Annual American Chemical Society (ACS) Southwest Regional Meeting (SWRM) that was held from November 7th-10th, 2018 at the Little Rock Marriott and Convention Center, Little Rock, AK. Juan C. Mora (dual Chemistry/Biology Major and McNair Scholar) was successfully nominated by the ACS Permian Basin Local Section to receive one of the ACS SWRM Travel Scholarships (\$500) to attend SWRM and present his research entitled “Development of synthetic carbohydrate biomimetics as Urinary Tract Infection (UTI) prophylactics “ as a poster. Juan's trip to SWRM was co-funded by the Ronald E. McNair Post-Baccalaureate Achievement Program. Dr. Yanfeng Yue orally presented his research entitled “CuO nanoparticles trapped in metal-organic frameworks: synthesis and catalysis for enhanced photocatalytic hydrogen evolution”, while Dr. David J. Leaver orally presented his research entitled “Inducing cellular senescence and arresting tumor growth with KAT6A/B inhibitors”. The Plenary Speaker for this meeting was Dr. John C. Wright (University of Wisconsin-Madison) who spoke passionately about “The Emerging

Family of Coherent Multidimensional Schrodinger Cat State Spectroscopies and Their March to Dominance in the Chemical Sciences”.



A Chemical Thought

A first-rate laboratory is one in which mediocre scientists can produce outstanding work.

Patrick Maynard Stuart Blackett

Chemists Just Want To Have pHun

Iron the Red Atom Molecule

(to the tune of “Rudolph the Red-Nosed Reindeer”)

There was Cobalt and Argon and Carbon and Fluorine
Silver and Boron and Neon and Bromine
But do you recall
the most famous element of all?

Iron the red atom molecule
had a very shiny orbital
And if you ever saw him
You'd enjoy his magnetic glow
All of the other molecules
used to laugh and call him Ferrum
They never let poor Iron
join in any reaction games.

Then one inert Chemistry eve
Santa came to say

Iron with your orbital so bright
won't you catalyze the reaction tonight?
Then how the atoms reacted
and combined in twos and threes
Iron the red atom molecule
you'll go down in Chemistry!



"I'M ATTEMPTING TO TRANSMUTE CALCIUM
OXIDE, COPPER GLUCONATE, MANGANESE
SULFATE, TYROSINE AND BENZALDEHYDE
INTO CONDENSED SOUP."

Permian Basin ACS Local Section Officers 2019

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| <p>Chair: Dr. John Osterhout Angelo State University (retired) phone: (520) 548-7028 e-mail: John.Osterhout@angelo.edu</p> | <p>Treasurer: Dr. Milka Montes University of Texas of the Permian Basin phone: (915) 747-8855 e-mail: milkamontes@gmail.com</p> |
| <p>Secretary: Mr. Kevin Boudreaux Angelo State University phone: (325) 486-6623 e-mail: kevin.boudreaux@angelo.edu</p> | <p>Chair-Elect: Dr. Pat Kesavan Midland College phone: (432) 685-6738 e-mail: pkesavan@midland.edu</p> |
| <p>Councilor: Dr. Kathryn Louie Angelo State University phone: (325) 947-1369 e-mail: klouie@suddenlink.net</p> | <p>Alternate Councilor: Dr. John Osterhout Angelo State University (retired) phone: (520) 548-7028 e-mail: John.Osterhout@angelo.edu</p> |
| <p>Past Chair: Dr. Kathryn Louie Angelo State University phone: (325) 942-2181 e-mail: klouie@suddenlink.net</p> | |

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.