



**AMERICAN CHEMICAL  
SOCIETY**

**PERMIAN BASIN SECTION**

**Newsletter**

*Volume 12, Number 2*

*April, 2019*



**Letter from the Chair**

**Councilor Corner**

**Upcoming National and Regional Meetings and Programs**

**ACS National Meeting & Exposition – Fall 2019**

San Diego, CA

August 25-29, 2019

**Theme: Chemistry and Water**

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**75<sup>th</sup> Annual SWRM**

El Paso, Texas

November 13-16, 2019

Theme: TBA

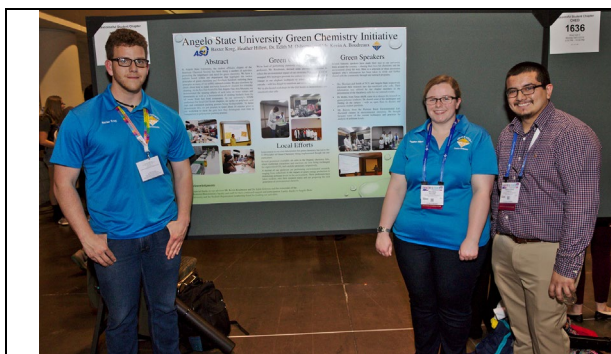
**Permian Basin News**

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

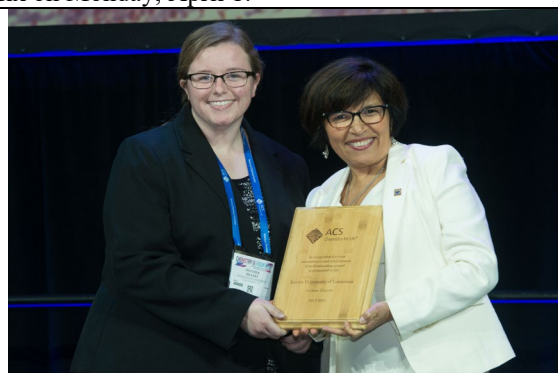
The Spring 2019 ACS National Meeting & Exposition was held in Orlando, Florida from March 31 to April 4, 2019. The ACS Student Chapter Awards Ceremony took place on Sunday, March 31. Three of the ACS student chapters from the Permian Basin section received awards for their activities during the 2017-2018 academic year. The Angelo State University ACS student chapter received an Outstanding Award, and a Green Chemistry award. The University of Texas of the Permian Basin ACS student chapter received an Honorable Mention award. The Midland College ACS student chapter received an Honorable Mention award, and a Green Chemistry award.



ASU students Baxter Krug, Heather Hillert, and Chris Garcia presented a chapter activity poster and a green chemistry posters at the Sci-Mix on Monday, April 1.



The ASU group included Baxter Krug, Clancy Collum, Heather Hillert, faculty sponsor Dr. Edith Osborne, Chris Garcia, and faculty sponsor Kevin Boudreaux



Heather Hillert, President of the ASU student chapter, receives the chapter activity award at the Student Chapter Awards Ceremony



A trio of moles at the Expo



McCartney Holeman, vice-president of Midland College Chemistry Club receiving the chapter award at the Student Chapter Awards Ceremony



Angwafo Lum and Susan Aina, Treasurer and Historian of midland college chemistry club with Nobel Laureate Dr. Frances Arnold (middle)



Angwafo Lum presenting an oral presentation during Successful Stories of Green Chemistry Student Chapters sharing chemistry club's events that led to green chemistry award.



Visit to Kennedy Space Center organized by ACS CME and NASA



Reception and Dinner under Saturn Rocket at Kennedy Space Center



With Mr. and Mrs. Mole at the ACS conference in Orlando, Florida

Larger versions of all of these pictures will be available on the Permian Basin ACS web page (<https://permianbasin.sites.acs.org/>).

On Saturday, March 23, 2019, the Girls Scouts of Central Texas and the ASU College of Science & Engineering sponsored a STEM Conference at ASU. Among the workshops that were held that day were one held by Dr. Kathryn Louie on "The Chemistry of Art," and one held by Dr. Edith Osborne, Dr. Greg Smith, and Mr. Kevin Boudreaux on "Solar-Powered Fun!" (in which

the kids were able to make dye-sensitized solar cells with titanium dioxide, graphite, and crushed blackberries).

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On Saturday, April 13, 2019, the ASU student group participated in an “Art and Science Family Day” at the San Angelo Museum of Fine Arts. They made “shrinky-dinks” by heating pieces of polystyrene plastic (recycle code 6), which were colored by the kids, to make pendants. They also demonstrated the use of biodegradable corn starch packing peanuts, in contrast to non-biodegradable polystyrene packing peanuts. Two Chemistry Magic Shows were also performed that day.

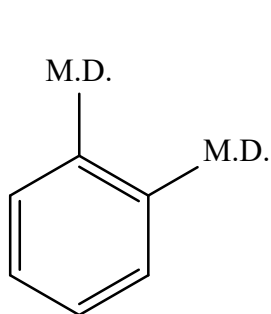


## A Chemical Thought

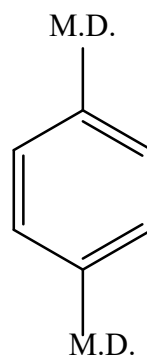
Scientific apparatus offers a window to knowledge, but as they grow more elaborate, scientists spend ever more time washing the windows.

Isaac Asimov

## Chemists Just Want To Have pHun



*orthodox*



*paradox*

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"YOU MAKE MONOPROPYLENES, WE MAKE MONOPROPYLENES;  
WE MERGE, AND VOILA! POLYPROPYLENES."

"Polymers are fundamental to every part of our society, and they have all kinds of amazing properties. This cartoon depicts a merger of chemicals being discussed by two businessmen (at least they look like businessman since there are vests and ties; no lab coats) to create a polymer. The timing for this cartoon couldn't be more appropriate given the recent merger of Dow and DuPont, two of the oldest and largest polymer companies in the world. Polymers are a great example of this — given all they have done for the world. But then again, DowDuPont merged with the intention to separate into three new entities. Just like chemistry, we may ask, "What will the (perhaps unstable) equilibrium look like?" — Robert Langer, MIT

## Permian Basin ACS Local Section Officers 2019

<p><b>Chair: Dr. John Osterhout</b>          Angelo State University (retired)          phone: (520) 548-7028          e-mail: <a href="mailto:John.Osterhout@angelo.edu">John.Osterhout@angelo.edu</a></p>	<p><b>Treasurer: Dr. Milka Montes</b>          University of Texas of the Permian Basin          phone: (432) 552-2233          e-mail: <a href="mailto:milkamontes@gmail.com">milkamontes@gmail.com</a></p>
<p><b>Secretary: Mr. Kevin Boudreaux</b>          Angelo State University          phone: (325) 486-6623          e-mail: <a href="mailto:kevin.boudreaux@angelo.edu">kevin.boudreaux@angelo.edu</a></p>	<p><b>Chair-Elect: Dr. Pat Kesavan</b>          Midland College          phone: (432) 685-6738          e-mail: <a href="mailto:pkesavan@midland.edu">pkesavan@midland.edu</a></p>
<p><b>Councilor: Dr. Kathryn Louie</b>          Angelo State University          phone: (325) 947-1369          e-mail: <a href="mailto:klouie@suddenlink.net">klouie@suddenlink.net</a></p>	<p><b>Alternate Councilor: Dr. John Osterhout</b>          Angelo State University (retired)          phone: (520) 548-7028          e-mail: <a href="mailto:John.Osterhout@angelo.edu">John.Osterhout@angelo.edu</a></p>
<p><b>Past Chair: Dr. Kathryn Louie</b>          Angelo State University          phone: (325) 947-1369          e-mail: <a href="mailto:klouie@suddenlink.net">klouie@suddenlink.net</a></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](mailto:Kevin.Boudreaux@angelo.edu).