



AMERICAN CHEMICAL SOCIETY

PERMIAN BASIN SECTION

Newsletter

Volume 9, Number 2

May, 2016



Summer Social!

We have planned a social event for this summer. This event will provide an opportunity for our members to come together for socializing and networking.

Date: Saturday, June 18, 2016

Time: 1:00 pm - 3:00 pm

Location: Cork & Pig Tavern, 2201 Knickerbocker Rd., San Angelo, TX 76904
(contact info - ph: 325-227-6988; website: www.corkandpig.com)

RSVP to klouie@suddenlink.net or 325-947-1369: Let me know whether you will be able to attend. I can make reservations for us. There is an extensive food and drink menu for your enjoyment. They have great pizzas and sandwiches!

Councilor Corner

Highlights from the 2016 Spring ACS National meeting:

1. Committee on Meetings and Expositions (M&E)
 - a. Reported a total attendance of 16,327 as of Tuesday evening, March 15.
 - b. Has recommended that the Early Member Registration Fee for 2017 national meetings be \$440, per the National Meeting Long-Range Financial Plan and the recommendation of the 2015 Task Force.
2. The Council voted to set the member dues for 2017 at the fully escalated rate of \$166. This rate was established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.
3. By electronic ballot, the Council selected **Peter K. Dorhout and Thomas R. Gilbert as candidates for 2017 President-Elect**. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

4. The Committee on Nominations and Elections announced the following:
 - a. Results of the election held prior to the San Diego meeting to select candidates from the list of nominees to serve as **Directors District IV on the Board of Directors for the term 2017-2019**. By Internet ballot, the Councilors from this district selected **Rigoberto Hernandez** and **Larry K. Krannich** as **District IV candidates**. Ballots will be distributed on September 29, 2016 to all ACS members in District II and District IV for election of a Director from each District.
 - b. Selection of the following **candidates for Directors-at-Large for 2017-2019** terms: **Joseph A. Heppert, Kristin M. Omberg, Dorothy J. Phillips, and Kathleen M. Schulz**. The election of two Directors-at-Large from among those candidates and any selected via petition will be conducted in the fall. Ballots will be distributed to the Council on September 29, 2016.

A detailed report may be found on the website <http://permianbasin.sites.acs.org/>

Upcoming National and Regional Meetings and Programs

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



Green Chemistry & Engineering Conference

Portland, Oregon, USA

June 14-16, 2015

72nd Annular SWRM

Innovations in Energy and Medicine

Galveston, TX

November 10-13, 2016

Permian Basin News

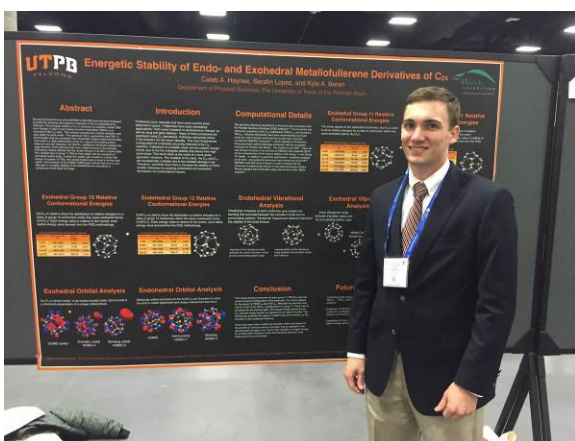
Congratulations are in order for the members of the Permian Basin Section who have reached 50 years of service!

Mr. Daniel Jaroslav Kallus

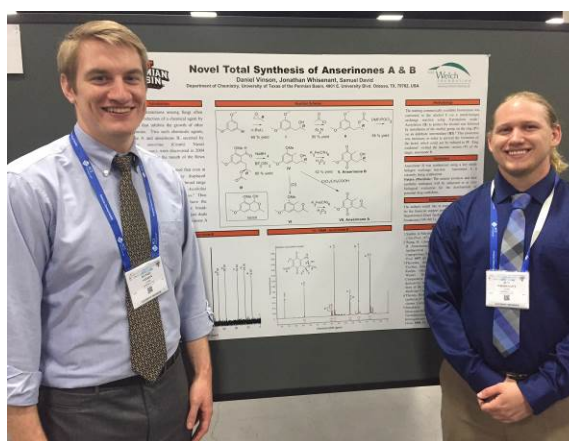
Mr. Joseph Navin Neucere

Permian Basin member Charles Dietz, Chemist and Chemical Specialist at Odessa Separator, will be presenting a paper at the NACE international symposium in Houston on May 25. The paper discusses the intermolecular mechanics of corrosion inhibition and passivation, and the means of delivering this media via solid microencapsulated compounds.

Representatives from the UTPB Permian Basin chapter attended the 251st ACS National Meeting and Exposition in San Diego, California, from March 13 to March 17. Dr. Kyle Beran, faculty advisor, and students Cordell Hammon, Caleb A. Haynes, Jason Snitker, Cassidy Taylor, Daniel Vinson, and Jonathan Whisenant, presented research posters, and a chapter poster at the Sci-Mix poster session.



Caleb A. Haynes



Daniel Vinson and Jonathan Whisenant

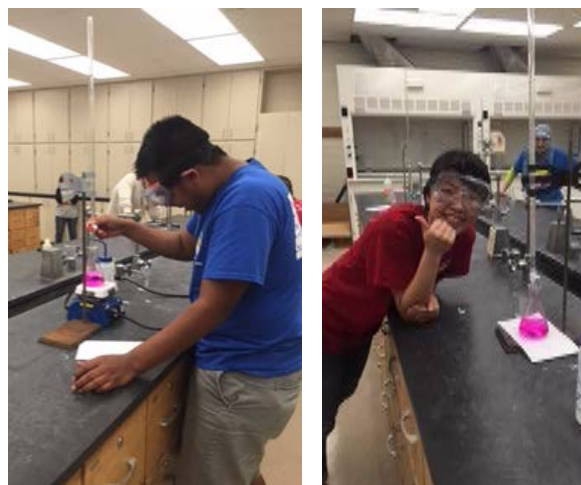


(left to right:) Jason Snitker, Cassidy Taylor, Cordell Hammon, and Jonathan Whisenant

The Angelo State University ACS group held its annual end-of-year picnic on May 3. They presented their Outstanding and Green Chemistry chapter awards to the assembled faculty and students, and held a mini-“Chemistry Olympics,” which included events such as Competitive Titration, Balancing Balances, and an “Atomic Number Dartboard,” where students threw darts at a periodic table on a dart board, and identified the element they hit based solely on atomic number.



The ASU ACS chapter officers and faculty advisors



Competitive Titrations: Jesse Martinez, Sara Shirai



Balancing Balances: Ayda Yousef, Pete Ortega, Sara Shirai, Amber Sullivan



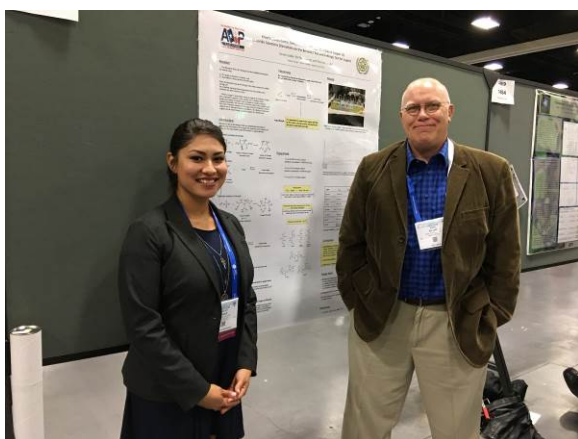
Atomic Number Dartboard: Ayda Yousef

Representatives from the Chemistry Club of Midland College attended the 251st ACS National Meeting and Exposition in San Diego, California, from March 13 to March 16. Club Officers Ryan Ramos, Megan Ennis, Devan Gable, and member Stephanie Talbott, attended the meeting along with Chemistry Professors Mr. Anderson, Dr. Nandakumar, and Dr. Ready. They received an Honorable Mention award for their outreach activities and accomplishments during the 2014-

15 year. The Chemistry Club also presented a successful student chapter poster to display its accomplishments during last year.



MC Chemistry Club Vice President Megan Ennis receiving the Honorable Mention award



Devan Gable and Dr. Thomas Ready



Devan Gable presented her copper nanoparticle research during the Undergraduate student research symposium



At the Sci-Mix session (left to right): Devan Gable, Dr. Pat Nandakumar, Mr. John Anderson, Megan Ennis, Stephanie Talbott, Ryan Ramos



At the Chem Demo Exchange

The Midland College student chapter of ACS has had several activities in the last two months.

In March, the club members performed demos on shaving cream art, instant snow, and a clock reaction for hundreds of community members during a Family Science Night organized by the Petroleum Museum. They also met Bill Nye, and attended his presentation on global warming.

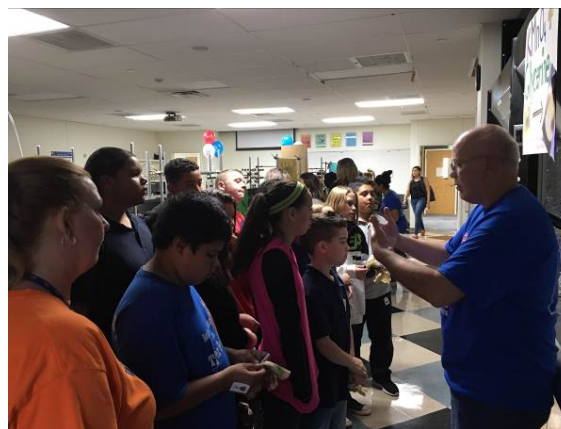
On April 1st, they had a Periodic Table of Cupcakes sale.

On April 8th, Dr. Pat Nandakumar presented an account on why hover boards catch fire, and explained the chemistry behind lithium ion batteries.

On April 15th, Mr. Chuck Gable shared his experience as a welder, and demonstrated various welding processes in the parking lot. They also visited the Great House Elementary School of Midland Independent School District and celebrated Earth Day with the Second graders. They also visited the Kel-Tech Incorporated lab.

On April 22nd, Midland College held its yearly Science Extravaganza for about 2000 sixth-graders from schools in about a 100-mile radius around the campus. The Chemistry Department put on several activities, and the Chemistry club members arranged and carried out several demos and hands on activities.

On April 29th, Dr. Pat Nandakumar organized a Research Colloquium to enable students who do research to present their work and gain experience in giving oral presentations. There were over 10 presentations, which lasted two hours.



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

A Chemical Thought

The glass in the laboratory enchanted and intimidated us. Glass for us was that which one must not touch because it breaks, and yet, at a more intimate contact, revealed itself to be a substance different from all others, sui generis, full of mystery and caprice. ... It was our first victim, or, better, our first adversary.

Primo Levi, *The Periodic Table* (1975)

Chemists Just Want To Have pHun

What is the name of 007's Eskimo cousin? Bond — Polar Bond.

Why did the chemist replace the soles and heels of his shoes with silicone rubber? To reduce his carbon footprint.

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
Secretary: Mr. Kevin Boudreaux Angelo State University phone: (325) 486-6623 e-mail: kevin.boudreaux@angelo.edu	Chair-Elect: Dr. Pat Nandakumar Midland College phone: (432) 685-6738 e-mail: pnandakumar@midland.edu
Councilor: Dr. Kathryn Louie Angelo State University phone: (325) 942-2181 e-mail: klouie@suddenlink.net	Alternate Councilor: Dr. John Osterhout Angelo State University phone: (325) 486-2181 e-mail: John.Osterhout@angelo.edu

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.