

## **July 2018 Newsletter**

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### **I. 2018 ACS Rocky Mountain Regional Meeting – Albuquerque – October 26, 2018**

Our Central New Mexico Local Section will be hosting a one-day ACS Rocky Mountain Regional Meeting on Friday, October 26 at the Sheraton Albuquerque Airport (2910 Yale Blvd SE). This Regional Meeting will provide an opportunity for our student members to deliver oral and poster presentations on their recent work. We expect the ACS MAPS abstract submission system to soon open for submission of oral and poster abstracts. A benefit of using the ACS MAPS system is that abstract content will be available in the Chemical Abstract Service after the meeting. In the near future, registration for this meeting at a reasonable cost will be available through the ACS meeting registration system.

This one-day 2018 ACS Rocky Mountain Regional Meeting will precede the New Mexico Academy of Science (NMAS) and New Mexico EPSCoR 2018 Research Symposium on Saturday, October 27, also at the Sheraton Albuquerque Airport. There will be separate abstract and meeting registration processes for the NMAS / NM EPSCoR meeting.

### **II. Los Alamos National Laboratory Summer Student Tour**

Our Local Section organized and sponsored a LANL student worker tour of Laboratory facilities including the Chemistry and Metallurgy Research (CMR) nuclear facility, the Los Alamos Neutron Science Center (LANSCE), and the New Mexico Consortium Biological Laboratory. Students were able to interact with LANL scientists during the tour to learn about the cutting edge research being performed at the facilities: from actinide analytical chemistry applied to plutonium pit manufacturing, the production of medical isotopes used for domestic and international heart surgery patients, and

harvesting energy from growing algae! Thirty-eight students participated in the tour from several LANL divisions. Seventeen LANL workers served as escorts or tour guides during the day. For a majority of the participating students, this was a once in a life time experience and will forever be a memory. Pictured below are the students proudly wearing T-shirts with the logo of Los Alamos 2018 - American Chemical Society. This activity was supported by a 2017 ACS IPG grant and the LANL Chemistry Division and was organized by Ning Xu, our Local Section Chair.



### III. 2018 New Mexico Science Fiesta – Albuquerque

Dr. Yang Qin, our Local Section Chair-Elect, led a number of ACS Student members from the UNM Chapter and other Local Section members in a public outreach activity at the 2018 New Mexico Science Fiesta in Albuquerque at Tiguex Park in Old Town on Saturday, May 20. The Science Fiesta was organized by Explora and supported by the Air Force Research Laboratory. Our members demonstrated self-inflating balloons (citric acid and sodium bicarbonate), hydrogen rockets, and also provided attendees a number of ACS publications and other items. Our thanks to Andrea Ambrosini (SNL), Patrick Burton (SNL), Jaclyn Parnell (UNM), Yang Qin (UNM), Steven Showalter (SNL), Jillian Stafford (UNM), and Brad Watson (UNM) for their participation.



#### **IV. 2018 Los Alamos Science Festival**

Our Local Section helped host a booth at the 2018 Los Alamos Science Festival on Saturday, July 14. Our members demonstrated self-inflating balloons (citric acid and sodium bicarbonate), a Lego optical spectrometer, and provided attendees a number of ACS publications and other items. Our thanks to Dali Yang (LANL), Donovan Porterfield (LANL), and Emily McClenahan for their participation. Emily is a recent graduate of the New Mexico Tech Chemistry Department and will be starting graduate school this fall in Chicago.

#### **V. New ACS Fellow – Jaqueline Kiplinger**

The July 16 issue of C&EN announced the recognition of Jaqueline Kiplinger (LANL) as a member of the 2018 class of ACS Fellows. The ACS Fellows program began in 2009 as a way to recognize and honor ACS members for outstanding achievements in and contributions to science, the profession, and ACS. The following fourteen current members of our Local Section have been recognized as ACS Fellows:

James Boncella	Rebecca Chamberlin
Chris Enke	Anton Hopfinger
Nancy Jackson	Jaqueline Kiplinger
Tina Nenoff	Donivan Porterfield
Kathleen Schulz	Wally Schulz
Mary Singleton	Ellen Stechel
Kimberly Thomas	David Whitten

#### **VI. CSI:Dognapping at the Fall national ACS meeting in Boston**

Timothy J. Boyle (SNL) will be making an oral presentation at the upcoming ACS Fall National Meeting in Boston on “Chemistry science investigation: Dognapping. A workshop to inspire STEM students”. The presentation will open a symposium by the ACS Division of Chemical Education. The CSI:Dognapping workshop has been held annually at Sandia National Labs’ Advanced Materials Lab for over 12 years and has involved the participation of thousands Albuquerque 3<sup>rd</sup> to 5<sup>th</sup> grade level students. The program was recognized in 2015 with an ACS ChemLuminary Award for Outstanding Kids & Chemistry Program.

#### **VII. New Mexico Public Education Department STEM Symposium**

Our Local Section provided a booth on June 1 at a STEM Teachers Symposium in Albuquerque organized by the New Mexico Public Education Department Math and Science Bureau. We used this opportunity to make our public school teachers aware of the education resources available from the American Chemical Society and the American Association of Chemistry Teachers ([www.teachchemistry.org](http://www.teachchemistry.org)).

## VIII. ACS 2019 Southwest and Rocky Mountain Regional Meeting

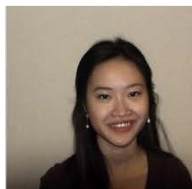
The ACS 2019 Southwest and Rocky Mountain Regional Meeting will be on November 12-16, 2019 at the El Paso Convention Center, El Paso, TX. The meeting is hosted by the Rio Grande Valley and Wyoming Local Sections. Those who would like to suggest specific symposia for this 2019 ACS regional meeting are encouraged to contact the following:

Dr. Geoffrey Saupe	Co-General Chair	gsaupe@utep.edu
Dr. Dean Roddick	Co-General Chair	DMR@uwyo.edu
Dr. Dino Villagran	Co-Program Chair	dino@utep.edu
	Co-Program Chair	

## IX. ACS Project SEED-SNL STAR Students

In 2014 our Local Section introduced the Project SEED Program to Sandia National Laboratories (SNL). Through the support of Sandia's Community Involvement Department (Amy Tapia), Project SEED was established to support two summer students as part of the STAR Fellowship Program. The Program provides science and engineering research experiences (8 weeks) to high school students during the summer and pairs them with mentors. Since 2014, six students have worked with Drs. Timothy J. Boyle and Bernadette A. Hernandez-Sanchez at SNL's Advanced Materials Laboratory. This year's students include Faith Lopez (Manzano High School) and Gabriella Atencio (Rio Rancho High School). The 2014-2018 students are shown below along with their current field of study. We are proud that three of our students have received ACS Project SEED Scholarships and are chemistry majors attending the University of New Mexico and New Mexico Institute of Mining and Technology.

2014-2015



**Thao H. Nguyen**  
• Volcano Vista HS (2016)  
• University of New Mexico-Chemistry (2021)



**Selena Tran-Juardo**  
• Rio Grande HS (2016)  
• University of New Mexico-Spanish (2019)

ACS Project SEED Scholar

2016-2017



**Fernando Guerrero**  
• Rio Rancho HS (2017)  
• University of New Mexico-Chemistry (2021)



**Rayna Bandy**  
• Rio Rancho HS (2017)  
• New Mexico Institute of Technology - Chemistry (2021)

ACS Project SEED Scholar

ACS Project SEED Scholar

2018



**Faith Lopez**  
• Manzano HS (2019)



**Gabriella Atencio**  
• Rio Rancho HS (2019)

## **X. Local Section Officers for 2018**

The following are our 2018 Local Section Officers. Please feel free to contact them for information or suggestions regarding the Local Section or ACS in general.

<b>Position</b>	<b>Name</b>	<b>E-mail</b>
Chair	Ning Xu (LANL)	ningxu@lanl.gov
Chair-Elect	Yang Qin (UNM)	yangqin@unm.edu
Secretary	Dali Yang (LANL)	dyang@lanl.gov
Treasurer	Patrick D. Burton (SNL)	pdburto@sandia.gov
Advisors	Andrea Ambrosini (SNL)	aambros@sandia.gov
	Benjamin Davis (LANL)	bldavis@lanl.gov
	David E. Chavez (LANL)	dechavez@lanl.gov
Councilors	Bernadette Hernandez-Sanchez (SNL)	aherna@sandia.gov
	Donivan Porterfield (LANL)	dporterfield@lanl.gov
Alternate Councilors	David E. Chavez (LANL)	dechavez@lanl.gov
	Steven K. Showalter (SNL)	skshowa@sandia.gov

## **XI. Changes of Address**

The distribution of our Local Section newsletter is dependent on accurate e-mail and US mail addresses being supplied to the ACS. Address changes can be submitted to ACS through the following means: [service@acs.org](mailto:service@acs.org), (800) 227-5558, or logging in to [www.acs.org](http://www.acs.org).

