

SMS Connects

February 2019



We welcome you to the February edition of SMS Connects!



As the semester continues, we are well on our way to Sun Devil Giving Day 2019. It will be our seventh annual day of giving, when we celebrate and encourage gifts in support of Arizona State University. In the weeks leading up to Sun Devil Giving Day 2019, the School of Molecular Sciences will be showing our community just what your gifts can accomplish. We look forward to your participation on March 21, 2019!

Research and News...



[X-ray laser study identifies crystalline intermediate in our 'pathway to breathing'](#)

Scientists from Arizona State University's School of Molecular Sciences, in collaboration with colleagues from Albert Einstein College of Medicine in New York City, have captured for the first time snapshots of crystal structures of intermediates in the biochemical pathway that enables us to breathe.

[7-year School of Molecular Sciences collaboration bears new fruit](#)

In an academic field where female researchers comprise a talented minority, two professors from Arizona State University's School of Molecular Sciences are making an impact. Rebekka Wachter and Marcia Levitus have been collaborating for seven years, with several co-authored, highly rated publications to their credit.

- [ASU team uses synthetic biology to elucidate the complexities of cell function](#)
- [Better drug to save mothers' lives during childbirth may be on the way](#)

SMS Alumni Spotlight - Professor Brian Rasley (ASU Class of '82)

[ASU alumnus honors Ted Brown's memory by endowing a scholarship](#)



The Ted Brown Memorial Chemistry Scholarship was established in 2018 in honor of Emeritus Professor Ted Brown through an endowment by Brian Rasley, class of 1982 Alumnus. Rasley took Brown's inorganic chemistry as an undergrad, who later became a mentor to him. The scholarship honors Brown's memory, who was a positive influence in Rasley's personal and academic life.

ASU Open Door 2019- come visit us this Saturday, Feb. 23, 2019 1-6 p.m.



SMS Featured Activities:

- [Electron Race](#)
- [Glassblower Demonstrations](#)
- [What Chemistry is All About - Science is Fun](#)
- [Musical Flame Thrower - Ruben's Tube](#)

Building: Bateman Physical Sciences Center F (PSF)
Room or Location: South Plaza

Spring 2019 Eyring Lecture Series

The Spring 2019 Eyring Lecture Series will be held in March. The Spring 2019 speaker is Professor Emily A. Carter from Princeton University. Her General Lecture will be held on March 21, 2019, 6:30pm in PS H151. We invite our SMS community to attend the Eyring Lecture Series, we will send more information in March.

Our Student Highlights...



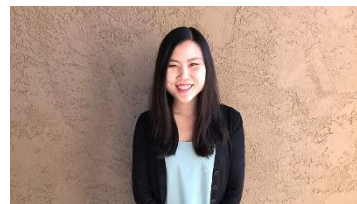
Zoe Liberman-Martin
B.S. chemistry

[Art of combining two passions leads School of Molecular Sciences senior back to Arizona.](#)



Humza Zubair
B.S. chemistry

[Goldwater Scholarship recipient pursues double major on way to career as researcher physician.](#)



Sabrina Leung
B.S. biochemistry

[School of Molecular Sciences and Barrett student blends biochemistry, music.](#)

Student Affiliates of the American Chemical Society (SAACS)

ACS student chapters are organizations for undergraduate students with an interest in the chemical sciences. Members participate in a wide range of programs and activities that enhance their college experience and prepare them for successful careers.

The SAACS of ASU's School of Molecular Sciences welcomes all undergraduate students to get involved. Monthly meetings held on the 3rd Tuesday of every month, 4:00 PM in PSC 107. Contact ArizonaStateSAACS@gmail.com for information.

Jobs and internships...

Summer Internships:

- [Roche Tucson, AZ](#)
- [Genetech – South San Francisco, CA](#)

Jobs:

- [Piramal Pharma Solutions – Riverview, MI](#)
- [Sanford Burnham Prebys – La Jolla, CA](#)

As always, SMS Jobs are posted on our [Employment Opportunities](#) webpage.

Please feel free to send email to ASUSMS@asu.edu at any time with questions, concerns, or suggestions. You can visit our website at sms.asu.edu or connect with us by liking our [Facebook](#) page!

School of Molecular Sciences