

SMS Connects - March 2022



Dear SMS Community,

With the semester and weather heating up, our students and faculty continue to get recognized for their innovative and impactful work. This month our undergraduate student Lauren Harstad received a Goldwater Scholarship, the nation's most prestigious award for undergraduate researchers in the natural sciences, engineering and mathematics. Prof. Tim Long received the ACS 2022 Paul J. Flory Award. The Keck foundation entrusted a multinational team led by our own theoretical chemist professor Vladimiro Mujica to deliver a quantum leap in studies related to "Chirality, Spin Coherence and Entanglement in Quantum Biology."

One of the participants on the prestigious Keck award was also this month's distinguished Eyring Lecturer professor Paul Weiss, a leading US nanoscientist and a member of American Academy of Arts and Sciences.

This month we celebrated the life and science of our longtime faculty member Austen Angell, one of the most distinguished chemists in the history of ASU. He was remembered by SMS faculty who along with his family shared fond

memories.

Sun Devil Giving Day 2022 was spectacular, with lots of activities and student engagement. We are so proud to see how our faculty, students, staff, and alumni support our students. This year's donations were bigger than ever and we received 150 donations for SMS scholarships that will help our most deserving students. Be ready for next month's special edition of our April Newsletter when we will announce, including a video presentation, our Scholarship and award recipients.

Best regards,

Tijana Rajh
Director, Professor
School of Molecular Sciences

In the News



**Lauren Harstad receives
Goldwater Scholarship**



Tim Long receives ACS Award

The Paul J. Flory Polymer Education Award recognizes achievement in

The Barry Goldwater Scholarship is one of the nation's most prestigious awards in science, engineering and math. promoting undergraduate or graduate polymer education.

Research Highlights



[Keck award will help scientists take quantum leap to explore the mysteries of life](#)

Professor Mujica will lead a three-year, \$1 million award from the prestigious Keck Foundation for quantum research.



[SMS celebrates the life and science of C. Austen Angell](#)

On March 3, the School of Molecular Sciences held a special event to remember and celebrate the life and science of longtime faculty member and colleague C. Austen Angell. [watch the video](#)



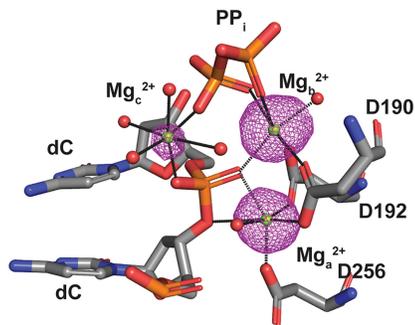
[Eyring Lecturer- Paul Weiss](#)

Paul Weiss from UCLA delivered distinguished Spring Eyring Lecture Series at ASU. [watch recorded video](#)



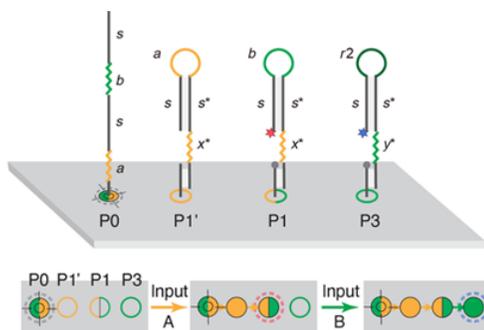
[Graduate Student's research highlighted at ACS Meeting](#)

Graduate student Dutta Subhadeep's research "An improved ink for colon tattoos" was highlighted at the American Chemical Society's annual meeting 2022!



DNA repair research has applications in disease and cancer treatments

Sidney Hecht's new paper provides insight into the detailed reaction mechanism of DNA repair by DNA polymerase beta and facilitates a deeper understanding of an important physiological process.



A localized DNA finite-state machine with temporal resolution

The Yan group uses DNA origami to develop a new form of finite-state machine for molecular electronics.

2022 Sun Devil Giving Day- Thank You!



Thank you!

The School of Molecular Sciences would like to thank everyone who participated in 2022 Sun Devil Giving Day! This year, we received 150 donations, our highest ever. Your generosity will help to support and help our most deserving students achieve their educational goals! Thank you!

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