



College of Sciences & Mathematics Newsletter  
December 2021

CoSM Faculty Spotlight  
**McKay Featured in  
Professional  
Journal**

Congratulations to **Dr. Tanja McKay**, professor of entomology, who [is a featured researcher](#) in the professional journal *American Entomologist*. McKay recalls how as a child growing up in Nova Scotia she started developing an interest in animals, especially insects. After completing her Ph.D. at Kansas State and a post-doctoral appointment at Arkansas, McKay joined A-State's faculty in 2004.

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## CoSM Student Spotlight Congratulations to Tokib Hasan on Earning his Ph.D.

Congratulations to Dr. **Fabricio Medina-Bolivar's** student, **Rokib Hasan**, on successfully defending his Ph.D. Dissertation on Molecular Biosciences. As part of his research, Rokib studied the anti-inflammatory and cardioprotective properties of novel resveratrol analogs isolated from peanut hairy roots. We are proud of you Rokib!

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## CoSM Faculty Spotlight Izadyar Presents Research to Chemical Society

**Dr. Anahita Izadyar**, associate professor of chemistry, addressed the American Chemical Society Southwest Regional Meeting in Austin, Texas. Her presentation, "Biosensor for Glucose Determination Based on a Novel Recombinant Mn Peroxidase (PPMP) from Corn Cross-Linked to a Modified Gold Electrode," is based on fabrication of a nano composite and sensitive biosensor to measure glucose using an enzyme derived from corn. Izadyar is working toward a commercial biosensor to detect glucose.





## CoSM Faculty Spotlight A-State Students Win Awards

Congratulations to two students and one former student who received the Cell Biology and Biochemistry award for their poster presentation at the recent Sigma Xi conference. Ph.D. student **Sepideh**

**Mohammadhosseinpour** (first author) and undergraduate biology students **Linh-Chi Ho** (second author, former student) and **Alexx Weaver** (third author) on their achievement. The three are students of **Dr. Fabricio Medina-Bolivar**, professor of plant metabolic engineering.



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