



College of Sciences & Mathematics Newsletter
July 2021



CoSM Faculty Spotlight

Grippo Concludes Career at A-State

Dr. Anne Grippo, professor of biological sciences and associate dean, Sciences and Mathematics, was recognized during Convocation of Scholars. Grippo, who joined the faculty in 1995, and her husband, Richard, are retiring to St. Croix. She earned her Ph.D. in medicinal chemistry at North Carolina. In addition to ongoing research, she also was very involved in advancing STEM education through initiatives to improve teacher preparation.



CoSM Faculty Spotlight

Gilmore Retires After 29 Years

Congratulations to Dr. David Gilmore, professor of microbiology, who wrapped up a 29-year teaching and research career at A-State. Gilmore has been directing the environmental microbiology lab, which deals with microbial physiology. In addition to teaching microbiology, genetics and virology, his recent research interests include work on the mechanism of action of new antibiotics. He earned his Ph.D. at Connecticut.

CoSM Faculty Spotlight

Dolan, Harris Working with NASA Students

Congratulations to **Dr. Maureen Dolan**, associate professor of molecular biology, and **Shea Harris**, Arkansas Biosciences Institute outreach director, who are working with a team of A-State students preparing an experiment to be conducted on the International Space Station. [NASA published an article](#) recently about the five university teams selected in a competitive process to prepare experiments through the Student Payload Opportunity with Citizen Science (SPOCS) program.





CoSM Faculty Spotlight

Fluker Continues Lab Research

Dr. Brook Fluker, associate professor of aquatic ecology, and **Brittany McCall**, environmental sciences Ph.D. candidate, recently co-authored an [article in *Aquatic Conservation: Marine and Freshwater Ecosystems*](#). The paper describes genetic variation and conservation implications for the paleback darter, a rare fish found only in the Ouachita Highlands of Arkansas. Fluker and McCall were also recently awarded a \$92,065 grant from the Arkansas Game and Fish Commission to continue studies of rare fishes in the Ouachita Highlands.

CoSM Faculty Spotlight

Izadyar Presents Research in Amsterdam

Dr. Anahita Izadyar, associate professor of chemistry, presented at the International Conference on Applied Chemistry in Amsterdam. Her topic was "Amperometric Biosensor for Glucose Determination Based on a Novel Recombinant Mn Peroxidase from Corn Cross-Linked to a Gold Electrode." The conference provides an interdisciplinary platform for researchers, practitioners and educators to cover recent innovations and trends, as well as practical challenges and solutions in applied chemistry.





CoSM Faculty Spotlight Three Promoted to Professor

Congratulations to three CoSM A-State faculty members who were promoted to professor following recommendations from the administration and confirmation by the Board of Trustees. The individuals promoted to professor, along with their academic disciplines, are **Dr. Jeongho Ahn**, mathematics; **Dr. Hashim Ali**, chemistry; and **Dr. Guolei Zhou**, biological sciences. Academic promotions were effective July 1.



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