

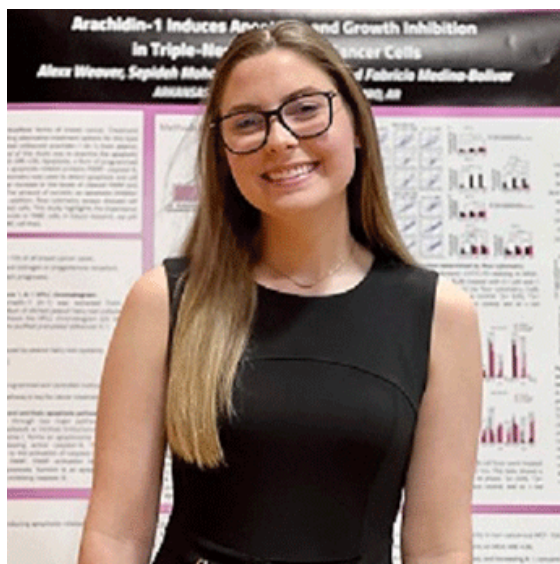


College of Sciences & Mathematics Newsletter July 2022

CoSM Student Spotlight **Weaver Selected For IMBRE Award For Research**

Alexx Weaver of Lonoke is conducting research this summer at the University of Arkansas for Medical Sciences as recipient of the 2022 INBRE Mentored Research Summer Fellowship.

[Weaver is a junior](#) biotechnology and biological sciences major at Arkansas State University. The award is valued at \$6,000 for housing, board and a stipend while she conducts her work.



CoSM Staff Spotlight **Medina-Bolivar Co- Authors Paper**

A paper co-authored by **Dr. Fabricio Medina-Bolivar**, professor of plant metabolic engineering, was published in *Plants*. The paper describes a novel approach to produce cajaninstilbene acid, a compound from pigeon pea with neuroprotective, antibacterial and anti-inflammatory properties. The first author is Medina-Bolivar's Ph.D. student in molecular biosciences,

Gaurav Gajurel, Dr. Luis Nopo-Olazabal and undergraduate student **Emily Hendrix** also were co-authors. [The article is online.](#)

CoSM Faculty Spotlight **Boves Contributes to Bird Study**

Dr. Than Boves, associate professor of avian ecology, was one of the scientists from leading bird and wildlife research and conservation groups who [published a study](#) modeling a novel approach to mapping seasonal migration pathways for birds. Boves contributed his expertise to the study, in *Ecological Applications*, along with migratory data he and students have collected on the prothonotary warbler. His lab has studied the warbler for nearly a decade.



CoSM Faculty Spotlight **Izadyar, Colleagues Publish Research**

Congratulations to **Dr. Anahita Izadyar**, associate professor of chemistry, who with several colleagues has authored an article for the peer-reviewed *Journal of the Science of Food and Agriculture*. She is corresponding author, and **Dr. Elizabeth E. Hood**, Lipscomb Distinguished Professor, **Dr. Ilwoo Seok**, associate professor of mechanical engineering, and undergraduates **My Ni Van, Marcela Miranda** and **Scout Weatherford** are co-authors of the [publication](#).

CoSM News

Fulbright Scholarship Spotlight

While many A-State students have participated in the Fulbright program around the world, the connections to the global research community also bring students to the Arkansas Biosciences Institute to work with our researchers and faculty. [Learn more about Crystal Columba Palomares'](#) journey to become a part of A-State's research work that could change the way the world cultivates one of its most important grains.



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