



College of Sciences & Mathematics Newsletter
January 2022

CoSM Faculty Spotlight
**Medina-Bolivar
Selected as ARA
Research Fellow**

Congratulations to **Dr. Fabricio Medina-Bolivar**, professor of plant metabolic engineering, who was inducted into the [Arkansas Research Alliance \(ARA\) Academy of Scholars and Fellows](#) at the Governor's Mansion. Medina-Bolivar, whose lab is in the Arkansas Biosciences Institute, is one of A-State's leading researchers and faculty advisers. Three of his students received the cell biology and biochemistry award for their poster presentation at the national Sigma Xi conference.





CoSM Faculty Spotlight Alam and Gilmore Working on Antimicrobials

A paper co-authored by **Dr. Mohammad A. Alam** (left), associate professor of chemistry, and **Dr. David Gilmore** (right), emeritus professor of microbiology, was published in [Future Medicinal Chemistry](#). They describe the synthesis of a library of novel compounds as potent antimicrobial agents that are potent growth inhibitors of MRSA and vancomycin resistant enterococci (VRE), two of the more worrisome of the antibiotic-resistant gram-positive bacteria.

CoSM Faculty Spotlight Mullin to Lead Herpetologists Group

Members of the Herpetologists' League elected **Dr. Stephen Mullin**, chair, biological sciences, to [serve as vice president and president-elect](#) of the international professional group. Mullin, who first became involved with the league as a master's student in 1990, will serve a two-year term before elevation to the presidency. The Herpetologists' League, which publishes two scholarly journals, is devoted to studying amphibian and reptile biology.





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