



College of Sciences & Mathematics Newsletter  
August 2021

CoSM Student Spotlight  
**Hasan Places First  
at ACMAP  
Conference**

Congratulations **Rokib Hasan**, MBS Ph.D. student of **Dr. Fabricio Medina-Bolivar**, who received the first place Graduate Oral Presentation award at the Conference of the American Council for Medicinally Active Plants.



CoSM Student Spotlight  
**Student of Dr.  
Medina-Bolivar  
Receives Award**

Congratulations to **Sepideh Mohammadhosseinpour**, MBS Ph.D. student, who received the first place Graduate Poster award at the Conference of the American Council for Medicinally Active Plants.

## CoSM Student Spotlight

# Ahmed Places Second at ACMAP Conference

Congratulations **Izzeldin Ahmed**, biology student of **Dr. Fabricio Medina-Bolivar**, who received the second place Undergraduate Poster award at the Conference of the American Council for Medicinally Active Plants.



## CoSM Student News

# Students Receive Summer Research Opportunities

Several undergraduate and graduate science students in the College of Sciences and Mathematics at Arkansas State University embarked this summer on [new educational enrichment opportunities](#) beyond the campus.

## CoSM Faculty Spotlight

# Alam and Gilmore Research Antimicrobials

A paper by **Dr. Mohammad A. Alam** (left), associate professor of chemistry, and **Dr. David Gilmore** (right), emeritus professor of microbiology, was [published in ChemMedChem](#). In their continuing research, they describe the synthesis of 30 chimeric compounds as potent antimicrobial



agents. These compounds are the hybrid structure of nootkatone, an approved tick and insect repellent from grapefruit, and thiazole, a privileged scaffold in drug discovery.

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## CoSM Faculty Spotlight Zhou Co-Authors New Analysis Method and App

Congratulations to **Dr. Hong Zhou**, professor of statistics, co-author of an article [published in \*Communications in Statistics – Simulation and Computation\*](#). The authors proposed a new sieve method for dividing a family of null hypotheses into subfamilies, and developed a web application to implement the method. The approach is applicable in clinical trials, and will be of special interest to statistical researchers and data scientists.



## Contact Us

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