



College of Sciences & Mathematics Newsletter  
February 2021



CoSM Faculty Spotlight  
**McKay Article  
Published in  
Frontiers**

Dr. Tanja McKay, professor of entomology, co-authored the newly published "Long-lasting insecticide-incorporated netting and interception traps at pilot-scale warehouses and commercial facilities prevents infestation by stored product beetles" in [Frontiers in Sustainable Food Systems](#).

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CoSM Faculty Spotlight  
**Boves and Team  
Study Songbird  
Species**

An article co-authored by Dr. Than Boves, associate professor of wildlife ecology, and a team of his fellow collaborators has been published in [The Proceedings of The National Academy of Sciences](#). In their study, the researchers explored and



documented conflicts between parents and offspring in 18 species of songbirds. They analyzed the optimal time for young birds to "grow up" and leave the nest.

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## CoSM Faculty Spotlight Alam and Gilmore Publish on Antibiotics

**Dr. Mohammad Abrar Alam** (left), associate professor of chemistry, and **Dr. David Gilmore**, professor of microbiology, are lead authors of an article published in the journal [Antibiotics](#), "Narrow-Spectrum Antibiotics: How Can They Help in the Fight against Antimicrobial Resistance and How Can We Get More of Them?" They describe 25 new pyrazole-derived hydrazones that are potent and specific growth inhibitors of the problematic bacterium *Acinetobacter baumannii*.

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## CoSM Faculty Spotlight Rolland and Harrod Study Freshman Attitudes

**Dr. Virginie Rolland**, associate professor for quantitative wildlife ecology, is co-author, along with her former Ph.D. student, **Dr. Sara Harrod**, of an article in [BioScience](#). They wrote about their findings regarding knowledge and attitudes toward climate change among first-semester college freshmen. They



were assisted by **Dr. Sarah Kendig**,  
associate professor of sociology.  
Their paper includes data on  
students from 19 universities,  
including A-State.



## Contact Us

### **A-State Alumni Association**

Cooper Alumni Center  
2600 Alumni Blvd.

P.O. Box 1990  
State University, AR 72467

Phone: (870) 972-2586  
Toll-Free: (888) 225-8343  
[alumni@AState.edu](mailto:alumni@AState.edu)



A-State College of Sciences & Mathematics  
PO Box 1030,  
State University, AR 72467 USA  
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