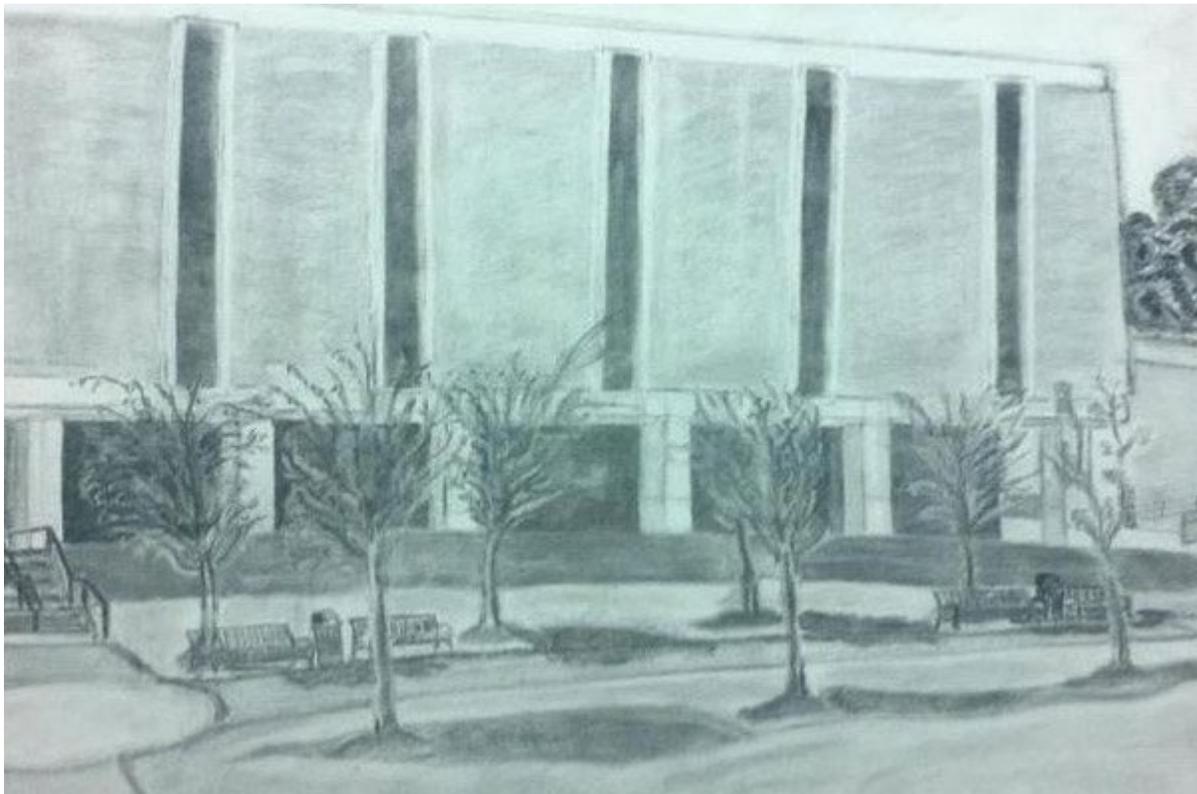




College of Sciences & Mathematics Newsletter - January 2019



*The east wing of the Laboratory Sciences Center, as drawn by student Jacob Shourd in 2011.*



## Faculty Spotlight

# Farris Named Top Adviser

Congratulations to Dr. Jerry Farris, distinguished professor of environmental biology, who was announced as the 2018-19 recipient of the "You Made a Difference" award. Each fall, the Wilson Advising Center collaborates with the Student Government Association to highlight exemplary advising and commitment; the award is student-nominated and student-selected. Nominated by Jessica Allbritton, Farris received a plaque presented by Melissa Jackson, director of Wilson Advising.

## Faculty Spotlight

# Medina-Bolivar Receives Patent

Congratulations to Dr. Fabricio Medina-Bolivar, professor of metabolic engineering, on [receiving a U.S. Patent](#) for "Method to increase the yield of products in plant material."





Faculty Spotlight

## McKay Presents at Entomology Meeting

Dr. Tanja McKay, professor of entomology, made a presentation at the joint meeting of the Entomological Society of America with the Entomological Society of Canada and British Columbia in Vancouver. "Post-treatment Effects of Infrared Radiation on Lesser Grain Borer (*Rhyzopertha dominica*) Development" was based on the first chapter of student Rachel Hampton's master's thesis. Collaborators included Dr. Virginie Rolland, associate professor of quantitative wildlife ecology.

Faculty Spotlight

## Paulsen Publishes On Beam Structure Analysis

Congratulations to Dr. William Paulsen, professor of mathematics, whose recent paper will be published in the peer-reviewed *Ramanujan Journal*. The paper, "Analyzing Non-Collinearly Coupled Timoshenko Beams via the Exterior Matrix Method," is particularly important because it extends his exterior matrix method to be able to detect the motion of a vibration within a beam structure by observing the effect of adding a damper.





## Engaging Our Alumni

**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)



Arkansas State University Alumni Association  
P.O. Box 1990  
State University, AR 72467

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