



**Mississippi State University  
Three Minute Thesis Competition  
Fowlkes Auditorium, MSU  
Final Competition  
November 16<sup>th</sup>, 2022**

1:00 p.m. to 2:30 p.m.

Join us in-person or virtually via this WebEx Link:

<https://msstate.webex.com/msstate/j.php?MTID=m758ceac39bb234b66b57c48361aa2951>

**WELCOME**

Dr. W. Brien Henry, Associate Dean  
The Graduate School

**Casey Iwamoto, PhD**

Forestry, College of Forest Resources  
*Sustainable pathways for shortleaf pine in  
uncertain climates*

**Amanda Mayo, Master's**

Geosciences, College of Arts and Sciences  
*Effectiveness of Omeka Virtual Platforms for  
Engaging Dunn-Seiler Museum Audiences*

**Luke Tucker, PhD**

Agricultural and Biological Engineering,  
College of Engineering  
*Local Treatment of Chronic Bone Infections*

**Macy Gosselaar, Master's**

Forestry, College of Forest Resources  
*Impact of Differentially Expressed Genes in  
Monoclonal and Polyclonal Plantings of Populus  
deltoides for Agricultural Nitrogen Mitigation*

**Namia K. Stevenson, Master's**

Wildlife, Fisheries and Aquaculture,  
College of Forest Resources  
*Saving One Amphibian at a Time: Optimizing the  
Transferability of ART protocols in Anurans*

**Sakie Jaladha Arachchige, PhD**

Mathematics and Statistics,  
College of Arts and Sciences  
*Risk prediction of Primary Ovarian Insufficiency by  
an early age among female childhood cancer  
survivors*

**Shaylin Williams, PhD**

Engineering Education, College of Engineering  
*Constructing Knowledge on Student Motivation and  
Aspirations in Engineering Education Programs*

**Elizabeth Esser, Master's**

Forestry, College of Forest Resources  
*Using Plant Secondary Metabolites to Manage  
Invasive Cogongrass (*Imperata cylindrica*)*

**JUDGES DELIBERATIONS  
AND PEOPLE'S CHOICE VOTING**

**WINNER ANNOUNCEMENT**



**MISSISSIPPI STATE UNIVERSITY™**  
THE GRADUATE SCHOOL



**Distinguished Judges**

**Duski Hale**

Senior Legal Administrator and Director of Licensing  
General Counsel and Trademark Licensing  
MSU

**Captain Brett Watson**

Captain  
Oktibbeha County Sheriff’s Department

**Angelia Knight-Adams**

Director of MBA Programs  
College of Business  
MSU

NOTES

Lined area for notes.

