



Mississippi State University • Three Minute Thesis Competition
Foster Ballroom U, MSU
Final Competition
November 19th, 2025 • 1:00 p.m. to 2:30 p.m.

Welcome

Dr. Angi Bourgeois
Interim Dean of the Graduate School and Interim Vice Provost

Master of Ceremony

Dr. W. Brien Henry
Associate Dean of the Graduate School

Ana Valencia, PhD student

Chemistry, College of Arts and Sciences
Giving Plastic Waste a New Life: From PET to Smart Plastic

Cierra Clayton, Master's student

Animal and Dairy Sciences, College of Agriculture and Life Sciences
Computer Vision for Estrus Detection and Individual Animal Identification in Freestall-Housed Dairy Cattle

Daniel Joyce, Master's student

Biochemistry, Nutrition, and Health Promotion, College of Agriculture and Life Sciences
Cancer Cell Resistance: Transcriptional Adaptation to Promote Recovery from Cellular Stress

Madeline McKnight, Master's student

Animal and Dairy Science, College of Agriculture and Life Sciences
Stressed systems need strategic supplementation: effects of injectable trace mineral solutions on performance and health in beef cattle during preconditioning and feedlot receiving

Muhammad Hamza, PhD student

Sustainable Bioproducts, College of Forest Resources
Removing the Unremovable: Cellulose Changed Water's Story

Saida Zinnurine, PhD student

Comparative Biomedical Sciences, College of Veterinary Medicine
Stopping a Catfish Killer: From Pathogen to Vaccine

Samadhi Nawalage, PhD student

Sustainable Bioproducts, College of Forest Resources
Turning Waste into Sustainable Iron Composites for Cleaner Water

Uditha Weerasinghe, PhD student

Physics and Astronomy, College of Arts and Sciences
Understanding the Strong Force

JUDGES DELIBERATIONS AND PEOPLE'S CHOICE VOTING
WINNER ANNOUNCEMENT
CONCLUDE



MISSISSIPPI STATE UNIVERSITY™
THE GRADUATE SCHOOL