



Kansas State University
Department of Curriculum and Instruction

Fall 2017
Undergraduate
Research and Creative
Activity Fair

December 7, 2017

KANSAS STATE

UNIVERSITY

College of Education



Welcome Remarks

Dr. Debbie Mercer, Dean, College of Education
Dr. Todd Goodson, Chair, Curriculum and Instruction



Austin Lovelace

K-12 Modern Language

An Analysis of Student Engagement

Dr. Leah McKeeman



Molly Morgan and Christa Elliot

Elementary Education

Theater Production of "Where the Wild Things Are"

Dr. Ruth Gurgel



Alicia Jackson

Secondary Music

Culturally Responsive Instruction:

Making Music Culturally Relevant through Storytelling

Dr. Lori Goodson

—

Kirsten Votaw

Secondary Music

West African Drumming and Dancing in the Secondary Music Classroom

Dr. Lori Goodson



Katelyn Bohnenblust and Zachary Callaghan

Agricultural Education

Measuring the Knowledge, Self-Efficacy and Satisfaction of Students Attending the Kansas Youth Water Advocates Conference

Gaea Hock



Robin Daniels

Secondary Math

Madeline Ebling

Elementary Math

Kaylee Gunzelman

Secondary Math

Konza Prairie Virtual Reality Game

Kelly Briggs

—

Joseph Paz

Secondary Social Studies

Latent Potential

Kelly Briggs

—

Emily Tilden

Elementary Math

Nature Integration in the Classroom

Kelly Briggs



Erick E. Underwood

Secondary Chemistry

Wynter S. Wiebke

Mechanical Engineering

The Development of a Mobile Enclosed Agricultural System to Integrate Biotechnology in the K-12 Science Curriculum

Dr. Kimberly Staples

—

Annastacia L. Maynard

Secondary Earth and Space Science

Giving Scientific Communication a Front Row Seat in a High School Earth and Space Science Classroom

Dr. Kimberly Staples

—

Hollie L. Whalen

Secondary Biology

Effects of Data-Driven Modeling on Student Problem Solving Abilities for Environmental Issues: Illustrations of Sophistication in Scientific and Engineering Practices

Dr. Kimberly Staples

