

Welcome Remarks

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

Timmy J. Brill and Mitch H. Saffle

Secondary Biology

Analysis of Teachers' Perception of Storyline Curricula in Preparing Students for College Level Biology

Dr. Kimberly A. Staples



Zachary Callaghan

Agriculture Education

Prescribed Pedagogical Outcomes Versus Real-World Experiences: A Content Analysis of Kansas AFNR Course

Competency Profiles

Dr. Gaea Hock



Alexis Carraway

Secondary Social Studies

5 Themes of Geography

Dr. Leah McKeeman



Christina Craig

Secondary Family and Consumer Sciences

Culturally Responsive Lesson: Wedding Attire

From Around the World

Dr. Leah McKeeman



Maddy Ebling and Makenzi Carlgren

Elementary Education

Exploring Social Justice through Picture Books

Dr. Tonnie Martinez



Lauren G. Foley

Secondary Chemistry

Negotiating Student Comprehension of Chemical Bonding Through Simulation, Modulation, and Experimentation

Dr. Kimberly A. Staples



Rebekah Hutchison (Jackson)

Secondary Spanish

Interdisciplinary Art and Spanish Unit

Dr. Leah McKeeman



Marie Jackson

Elementary Education

Translated WWI French Soldier Diary

Dr. Kathleen Antonioli



Michael McCosh

Secondary English

Moving Past the Standard Essay with Michel de Montaigne

Dr. Vicki Sherbert



Allyson M. Miller

Secondary Biology

Negotiating Increase in Student Comprehension of Biological

Concepts Through Conceptual Modeling

Dr. Kimberly A. Staples



Tori Mitchell

Secondary Social Studies

Multigenre Projects: Giving Students Choice

Dr. Suzanne Porath



Samantha M. Pilcher

Secondary Chemistry

Effect of Phase Modeling on Student Mental Models of States of Matter

Dr. Kimberly A. Staples



Tanner S. Ray

Secondary Earth Science

The Effect of Alternating Teachers on Student Learning

Dr. Kimberly A. Staples



Haley Unruh

Elementary Education

A Critical Review of EPIC! Reading Application

Dr. Suzanne Porath



Jamie A. Waechter

Secondary Chemistry

***Analysis of the Effects of Concept Mapping on Student
Comprehension and Achievement in Science***

Dr. Kimberly A. Staples



Elizabeth M. Ward

Secondary Earth Science

***The Great Divide: The 5E Lesson versus Digital Learning
Curriculum on Middle Level Student Understanding of Plate
Tectonics***

Dr. Kimberly A. Staples



Gabriel C. Younger

Secondary Biology

***Effectiveness of Pictorial Note-Taking for Secondary Students
Studying Genetics and Heredity***

Dr. Kimberly A. Staples

Senior Art Education Gallery

Dr. Trina Harlow

Room 118



Heather Kolb

Morgan Massey

Lexa McCall

Madelyn Smith

Kennedy Stevens

Courtney Turner

Allison Vermillion

Allison Walker



Kansas State University

Department of Curriculum and Instruction

Fall 2019

**Undergraduate Research
and Creative Activity Fair**

December 9, 2019