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**PROGRAM SCHEDULE**



## **Poster Titles and Presenters**





**Social Sciences, Humanities, and Education 2**

K-State Student Union Courtyard

Presentations and judging: 1:30 - 4:00PM

**19. EXAMINING THE STATE OF COMMUNITY WELL-**

















**HAPLOTYPE-INFORMED PREDICTION OF FUSARIUM HEAD BLIGHT RESISTANCE IN USA  
WHEAT BREEDING PROGRAMS.**

**Lawrence Tidakbi<sup>1</sup>, Guihua Bai<sup>2</sup>, Jessica L. Rupp<sup>1</sup>, and Katherine W. Jordan<sup>3</sup>**

*<sup>1</sup>Department of Plant Pathology; <sup>2</sup>Department of Agronomy; <sup>3</sup>United States Department of Agriculture-  
Agriculture Research Services Hard Winter Wheat*





## **RED CEDAR BIOCHAR IN**



**THE LONGITUDINAL ASSOCIATION OF STRUCTURE PARENTING FROM EARLY ADOLESCENT TO EMERGING ADULTHOOD EMPATHY AND VALUE-REGULATION**



## **EFFECT OF PULMONARY HYPERTENSION ON RESPIRATORY MUSCLE FUNCTION**

**Kiana M. Schulze<sup>1</sup>, Andrew G. Horn<sup>1</sup>, Ramona E. Weber<sup>1</sup>, Carl J. Ade<sup>1</sup>, Bradley J. Behnke<sup>1</sup>, David uoolehnke**





**COLLEGE STUDENT PERCEPTIONS OF IMPORTANT OF FARM BUREAU ADVOCACY AREAS**





## **Oral Presentation Abstracts**

**LOOK ELSEWHERE FOR BITING MIDGE CONTROL: THE GREENER INSECTICIDE BTI  
WORKS POORLY IN CULICOIDES SONORENSIS**

**Cameron Osborne**<sup>1</sup>, Lee Cohnstaedt<sup>2</sup>, Tianyun Su<sup>3</sup>, and Kristopher Silver<sup>1</sup>

<sup>1</sup>*Department of Entomology*, <sup>2</sup>*USDA-ARS-NBAF, Manhattan, KS*, <sup>3</sup>*EcoZone International, Riverside, CA*

**BACKGROUND AND PURPOSE:** Efforts to control pest insects can come up against a desire to protect natural ecosystems from large-

















**SPRAY COVERAGE AND DROPLET SIZE UNIFORMITY OF PULSE WIDTH MODULATION  
(PWM) SYSTEMS AT DIFFERENT DUTY CYCLES AND FREQUENCIES**

**Rahul Singh** and Ajay Sharda

*Department of Biological and Agricultural Engineering*

**BACKGROUND AND PURPOSE:**







**QUANTIFYING N<sub>2</sub>O EMISSION IN CORN PRODUCTION WITH A NOVEL N-FIXING  
BIOINOCULANT**

**APPLICATION OF ARTIFICIAL NEURAL NETWORKS FOR PREDICTING BAKING  
CHARACTERISTICS OF WHEAT DOUGH**

**Anu Suprabha Raj**<sup>1</sup>, Chetan Manik Badgular<sup>2</sup>, Romulo Lollato<sup>3</sup>, and Kaliramesh Siliveru<sup>1</sup>

<sup>1</sup>*Department of Grain Science and Industry;* <sup>2</sup>*Department of Biological and Agricultural Engineering;*

<sup>3</sup>*Department of Agronomy*

**BACKGROUND AND PURPOSE:** Farinograph analysi





**LONG TERM CARE, OLDER ADULTS, AND SEXUALITY**

**McKenzie Tuttle**

*Center on Aging*

**BACKGROUND:** A vital aspect of the human experience that is often overlooked is the sexual development, gzrtguukqp."cpf "kf gpvk{ "qh'qif gt"cf wmu'O cp{ "lko gu."cp{ "o gpvkp"qh"öugzö"ku"eqpukf gtgf "cdqq"cpf "ku"qhvgp"pqv"



**EMPOWERING WOMEN THROUGH RESISTANCE TRAINING**

**Aspen E. Streetman, Emily Mailey, and Katie M. Heinrich**

*Department of Kinesiology*

**BACKGROUND:**