







## **Program Schedule**

## **Oral Session Schedules**

*Agricultural Sciences*  
**Room 2**

*Social Sciences*

***Biological Sciences***  
**Room 213**

PM

- 1:00 **ISCHEMIA/REPERFUSION-INDUCED INTESTINAL LIPD ALTERATIONS OCCUR PRIOR TO ANTIBODY-INDUCED PROSTAGLANDIN E2 PRODUCTION** *Emily Archer Slone*
- 1:15 **LONG-TERM EFFECTS OF CLIMATE CHANGE ON GRASSLAND SOIL SYSTEMS: A RECIPROCAL TRANSPLANT APPROACH** *Steven Rostkowski*
- 1:30 **INVESTIGATION OF THE GENETIC FLEXIBILITY OF THE NON-STRUCTURAL PROTEIN (NSP) 2 REGION IN PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROM (PRRS) VIRUS** *Ranjni Chand*
- 1:45 **THE ROLE OF THE ALTERNATE SIGMA FACTOR (RPN) IN THE BIOLOGY OF ENTEROCOCCUS FAECALIS** *Vijayalakshmi Iyer*
- 2:00 **BREAK**





## List of Posters



*Candidate Posters for the 7th*





## **THE SIGNIFICANCE OF OUTDOOR ENVIRONMENTS**







**A COMPARISON OF DUAL AND NON-DUAL ARMY COUPLES & FACTORS RELATED TO RELATIONSHIP  
DISTRESS IN ARMY COUPLES**

Laura Cline, Matthew Johnson, Jared Anderson  
*Department of Family StuL*

UTM of the vehicle location. Program DISTANCE was used to analyze the data. DISTANCE estimated the densities as well as the probabilities of detection to determine the likelihood of seeing deer in various habitat types at particular distances from the transect. We recorded three habitat types,

**GREEN COFFEE BEANS TO BREWED COFFEE: EVOLUTION OF AROMA ATTRIBUTES**

Naticha Bhumiratana, Koushik Adhikari, Edgar Chambers IV

*Department of*















autolysis, which was accompanied by the inability to release extracellular DNA (eDNA), a known matrix component of *E. faecalis* biofilm. On the basis of these observations, we hypothesize that RpoN

**EARLY DETECTION OF CANCER THROUGH MATRIX METALLOPROTEINASES (MMP) AND  
PROTEASES**

Thilani Samarakoon<sup>1</sup>, Hongwang Wang<sup>1</sup>, Sivasai Balivada<sup>2</sup>

(6d) model better predicted commingling than did models without those refinements. This study showed that grain commingling in a bucket elevator boot system can be simulated with 3D and quasi-



## Poster

## **PRODUCTION OF PLATFOR**





















flour. From above results, HRS flour performed better compared to SW flour both during dough mixing and baking, which was expected. Bran affected the performance of HRS flour negatively. However, inclusion of SW and HRS bran into SW flour dough systems slightly improved their

**PACKAGE SYSTEMS AND STORAGE TIMES SERVE AS POST-LETHALITY TREATMENTS FOR LISTERIA MONOCYTOGENES ON SMOKED SAUSAGE STICKS**

April Lobaton





treatment and at 25/23°C (day/night) for the normal temperature. Treatment application lasted twelve days for both growth stages. Seedling growth, days to flowering, flowering duration, days to maturity, panicle weight, panicle yield, 100 seed weight, and number of seeds/panicle were measured.



**OCCURRENCE AND TRANSFERABILITY OF TCRB, A COPPER RESISTANCE GENE, IN FECAL ENTEROCOCCI  
OF SWINE FED DIETS SUPPLEMENTED WITH COPPER**

Raghavendra Amachawadi<sup>1</sup>











**CENTERLINE RUMBLE STRIPS: A STUDY OF EXTERIOR NOISE**

Daniel Karkle





## INVENTORY AND ANALYS

evaporation, was used to compare the effects of curing on salt scaling of concret





**ASSESSMENT OF SUITABILITY OF CHEMICAL SHRINKAGE AS A MEANS OF APPARENT ACTIVATION ENERGY  
CALCULATION**

Md Siddiqui, Kyle A. Riding

*Department of Civil Engineering, College of Engineering*

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