

**Animal Science  
Graduate & Undergraduate  
Research Poster Session  
April 14<sup>th</sup>, 2023**

Congratulations to the winners of the research poster session. Below is the list of all the winners and their winning poster presentation.

**Undergraduate Students**

**1st Place Poster: Poster #5**

**Construction of a scale model of a mechanically ventilated swine barn**

Rosie Maloney<sup>1</sup> and Suzanne Leonard<sup>2</sup>

**2nd Place Poster: Poster #7**

**Training Undergraduates for Fieldwork Research in a South African Wildlife Conservation Study Abroad.**

Sarah Sessoms, Jess Schinsky, Dani Carter, Beatrice Eddy, Katelyn Simkins, Katy Hagopian, Madison Manzo, Alexis Oliver and Shweta Trivedi

**UG People's Choice Poster: Poster #4**

**Survivability modeling in finisher pig production.**

Regan Mitchem<sup>1</sup>, Olivia Kittle<sup>1</sup>, Mark Knauer<sup>1</sup>, Glen Almond<sup>2</sup>, Suzanne Leonard<sup>1</sup>

**Master's Graduate Students**

**1st Place Poster: Poster #15**

**Effects of prebiotic galactooligosaccharide (GOS) on piglet growth and jejunal morphology during the peri-weaning period.**

Timothy E. Boston<sup>1</sup>, Feng Wang<sup>1</sup>, Lin Xi<sup>1</sup>, Sung Woo Kim<sup>1</sup>, Vivek Fellner<sup>1</sup>, Mark F. Scott<sup>3</sup>, Amanda L. Ziegler<sup>2</sup>, Laurianne Van Landeghem<sup>2</sup>, Anthony T. Bliklager<sup>2</sup>, Jack Odle<sup>1</sup>

**2nd Place Poster: Poster # 11**

**Impact of fescue variety on fecal egg counts in mature beef cattle.**

Katherine Williams, Edwin Benjamin Rajo, Andrew Weaver, Daniel Poole, and Carrie Pickworth

**MS People's Choice Poster: Poster #15**

**Effects of prebiotic galactooligosaccharide (GOS) on piglet growth and jejunal morphology during the peri-weaning period.**

Timothy E. Boston<sup>1</sup>, Feng Wang<sup>1</sup>, Lin Xi<sup>1</sup>, Sung Woo Kim<sup>1</sup>, Vivek Fellner<sup>1</sup>, Mark F. Scott<sup>3</sup>, Amanda L. Ziegler<sup>2</sup>, Laurianne Van Landeghem<sup>2</sup>, Anthony T. Bliklager<sup>2</sup>, Jack Odle<sup>1</sup>

## PhD. Graduate Students

### 1st Place Poster: Poster #17

Effect of germplasm exchange strategies on genetic gain and diversity in dairy stud populations

Emmanuel A. Lozada-Soto<sup>1</sup>, Francesco Tiezzi<sup>2</sup>, Jicai Jiang<sup>1</sup>, John B. Cole<sup>3</sup>, Paul M. VanRaden<sup>4</sup>, Sajjad Toghiani<sup>4</sup>, Christian Maltecca<sup>1</sup>

### 2nd Place Poster: Poster #22

Uterine ablation of Tet Methylcytosine Dioxygenase 2 (TET2) impairs endometrial decidualization and placentation.

Magdalena J Cummings<sup>1,3</sup>, Sudikshya Paudel<sup>1,3</sup>, River Price<sup>1</sup>, Steven L. Young<sup>2</sup>, Xiaoqiu Wang<sup>1,3</sup>

### PhD People's Choice Poster: Poster #24

Ablation of NK3R-expressing neurons in the arcuate nucleus lowers mRNA abundance of kisspeptin and NK3R in young female sheep.

Sydney Shuping<sup>1</sup>, Eliana Aerts<sup>2</sup>, Max Griesgraber<sup>2</sup>, Elizabeth Bowdridge<sup>2</sup>, Steve Hardy<sup>2</sup>, Robert Goodman<sup>2,3</sup>, Stan Hileman<sup>2,3</sup>, and Casey Nestor<sup>1</sup>