60th Anniversary of the Omicron Chapter of Phi Zeta
April 12, 2022
Morning Session (LYNN 1136)

8:15 AM – 8:30 AM Introductory Remarks – Dr. Willie Reed, Dean

8:30 AM – 9:30 AM **Keynote Speaker**
Title: “Data Science Needs Veterinarians! (They Just Don’t Know it Yet)"
Presenter: Dr. Sumiko Mekaru

9:30 AM – 9:40 AM Induction of new Phi Zeta Members

<table>
<thead>
<tr>
<th>Oral Presentations – Parallel Panel Sessions</th>
<th>Big data/Bioinformatics</th>
<th>Oncology</th>
<th>SIRS/Sepsis</th>
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<tbody>
<tr>
<td>Room Moderator</td>
<td>LYN 1136</td>
<td>LYN G167</td>
<td>LYN G210</td>
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<tr>
<td>Dr. Abigail Cox</td>
<td>TBD</td>
<td>Dr. Janice Kritchevsky</td>
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<tr>
<td>Presenter</td>
<td>Dr. Nadia Lanman</td>
<td>Dr. Isabelle Vanhaezebruck</td>
<td>Dr. Sandy Taylor</td>
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<tr>
<td>10:05 AM – 10:25 AM Title</td>
<td>“Mathematical Modeling Framework to Simulate the Transmission of Influenza Virus Between Swine and the Workforce on US Hog Farms”</td>
<td>“Organizing Lymphoid Structures and Tumor Immunity in Canine Bladder Cancer”</td>
<td>“Characterization of Different Patterns of Systemic Inflammation in Postpartum Dairy Cows”</td>
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<tr>
<td>Presenter</td>
<td>Dr. Wendy Beauvais</td>
<td>Dr. Meaghan Broman</td>
<td>Dr. Rafael Neves</td>
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<td>10:25 AM – 10:55 AM Break</td>
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<tr>
<td>10:55 AM – 11:15 AM Title</td>
<td>“Understanding the Biology of Cellular Senescence by Functional Proteomics”</td>
<td>“Role of RNA Helicase DDXS in Liver Cancer”</td>
<td>“This Little Piggy Went to Battle: A Porcine Model of TBI and Shock”</td>
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<tr>
<td>Presenter</td>
<td>Dr. Uma Aryal</td>
<td>Dr. Ourania Andrisani</td>
<td>Drs. Melissa Lewis/Aimee Brooks</td>
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<tr>
<td>11:15 AM – 11:35 AM Title</td>
<td>“Working with Hospital Big Data (Big Benefits or Big Problems?)”</td>
<td>“Canine CART Cell Therapy for Mammary Carcinoma in Dogs”</td>
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<tr>
<td>Presenter</td>
<td>Dr. George Moore</td>
<td>Xavier Ramos-Cardona</td>
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11:35 AM – 1:00 PM  **Poster Session (Lynn Hall G119/155)**  
(light refreshments provided – first come, first serve)

**Afternoon Session (Lynn 1136)**

**Osborne Award Competition Finalists**

1:00 PM – 1:15 PM  Title: "Transvenous Correction of Patent Ductus Arteriosus in Two Toy-Breed Dogs with the Amplatzer™ Vascular Plug 4"  
Presenter: Dr. Sara Ostenkamp

1:15 PM – 1:30 PM  Title: "Endoscope-Guided Diagnosis and Interventional Stent Placement for Nasolacrimal Duct Obstruction in a Quarter Horse"  
Presenter: Dr. Levi Smith

1:30 PM – 1:45 PM  Title: "Malakoplakia in a 17-Week-Old Intact Female English Bulldog"  
Presenter: Dr. Karena Tang

1:45 PM – 2:00 PM  **2022 Phi Zeta Omicron Chapter Graduate Student Research Award**  
Title: “Combinatorial IL-27 Immunotherapy to Treat Bone-Metastatic Prostate Cancer”  
Presenter: Shreya Kumar

2:00 PM – 2:15 PM  **2022 PVM Graduate Student Research Award**  
Title: \( SH3TC2, MTMR2, \text{ and } MPZ \) Variants in Golden Retrievers with Congenital Hypomyelinating Polyneuropathy”  
Presenter: Shawna Cook

2:15 PM – 2:45 PM  **Break**

2:45 PM – 3:00 PM  **Phi Zeta Manuscript Award – Clinical/Applied Research**  
Title: “Hemotropic Mycoplasmas (hemoplasmas) in Wild Boars, Hunting Dogs, and Hunters from Two Brazilian Regions”  
Presenter: Dr. Nelly Elshafie

3:00 PM – 3:30 PM  **Recipient of the 2021 Zoetis Award for Veterinary Research Excellence**  
Title: ‘The Science Behind the Human-Animal Bond”  
Presenter: Dr. Maggie O’Haire

3:30 PM – 4:00 PM  **Special Presentation Commemorating 60th Anniversary of Omicron Chapter of Phi Zeta**  
Title: Combining clinical and basic science to grow a research program in a clinical setting”  
Presenter: Dr. Debbie Knapp

4:00 PM – 4:30 PM  **Award Presentations and Closing Remarks**  
- Special award – Summer Research Mentor

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