**POSTER LOCATIONS**

**8:00 – 9:00 AM: POSTER SESSION 1 – 2ND FLOOR SCIENCE HALL**

1. The Effects of Stranger and Neighbor Presence on the Social Foraging Behavior of *Peromyscus maniculatus gracilis***MARISA McNALLY *(***Dr. D. Watt)

3. The Effects of Vitamin A on Intense Light Exposed Chick Embryo Retinas. **OLIVIA AREND**  (Dr. D. Paetkau)

5. The Goldilocks Effect: What Concentration of Linalool is the Most Effective for Attracting Pollinators to *Hesperis matronalis*? **SARAH PREZEK** (Dr. C. Majetic)

7.Tolerance to Acid and Oxidative Stress in *Salmonella enterica* serovar Typhimurium. **ALEXANDRIA BOW** (Dr. R. Khadka)

9. Influences on Women’s Persistence in STEM Fields at Purdue University. **ALISON HARRIS** (Dr. N. Nekvasil)

11. The Impact of Noni Concentration on Lipid Levels in *Drosophila melanogaster*. **BLAITHE FLAHERTY** (Dr. T. Fogle)

13. Creating Prednisone and Estrogen Biosensors. **ERIN NICOLE CISNEROS**(Dr. D. Paetkau)

15. The Effects of Polyploidy on Floral Scent Compounds, Emission Rates, and Pollination in *Phlox amabilis*. **ELLIE MARKHAM** (Dr. C. Majetic).

17. Comparison of Select Gene Expression in Vancomycin-Sensitive and – Hetero-Resistant Phenotypes of *Staphylococcus aureus*. **RACHEL SINCHAK** (Dr. R. Khadka)

19. The Effect of BPA (Bisphenol-A) on T3 Blood Levels and on the Masses of Kidneys and Thyroids of Male and Female Sprague-Dawley Rats **MADELEINE SAMPSON** (Dr. N. Nekvasil)

21. The Effects of BPA (Bisphenol-A) on the Development of the Reproductive Structures, the Thyroid, the Liver and the Kidneys on Sprague-Dawley Male and Female Rats. **ALEXA PEARL** (Dr. N. Nekvasil)

**1:00 – 2:00 PM: POSTER SESSION 2 – 2ND FLOOR SCIENCE HALL**

2. The Effects of Sex on Dominance Interactions, Sex and Age on Allofeeding Behaviors, and Dominance on Allofeeding Behaviors of American Goldfinches (*Spinus tristis*). **JACLYN VOLTZ** (Dr. D. Watt)

4. The Effects of Male Age and Coloration on Dominance and Allofeeding Behaviors of American Goldfinches (*Spinus tristis*). **RACHEL COPLEY** (Dr. D. Watt)

6. The Effects of Fruit, Leaf, and Root Extracts of *Morinda citrifolia* on Triglyceride, Glucose, and Glycogen Levels in *Drosophila.* **JESSICA FILIPSKI** (Dr. T. Fogle)

8. Sequence Improvement and Annotation of *Drosophila biarmipes* Genomic Regions Using PCR Amplification. **MADELINE HAVRILLA** (Dr. D. Paetkau)

10. Characterization of Metal Resistance in a Clinical Methicillin-Resistant Strain of *Staphylococcus aureus*. **COLLEEN QUIGLEY** (Dr. R. Khadka)

12. Histological Exam of Hearts and Livers of Ovariectomized Sprague-Dawley Rats. **ALEXANDRA LAZARIAN** (Dr. N. Nekvasil)

14. EB1-NeonGreen Reveals Novel Microtubule Binding Behaviors of EB1 in Auto-Fluorescent Cell Body of Green Algae. **CHRISTINA WENN** (Dr. T. Fogle)

16. The Effects of Crowding and/or Altered Light: Dark Cycles on Bone Measurements and Histology of Intact and Ovariectomized Rats. **VICTORIA CONNELLY** (Dr. N. Nekvasil)

18. The Phytotoxic Effects of Extracted *Hesperis matronalis* Floral Volatiles on *Ipomoea purpurea* **CAROLYN SCHAFER** (Dr. C. Majetic)

20. The Phytotoxic Potential of Scent Compounds from *Hesperis matronalis* on the Fitness of *Ipomoea purpurea*. **TAYLOR COUILLARD-RODAK** (Dr. C. Majetic)

22. The Relationship Between Lipid Levels in *Drosophila melanogaster* and Buoyancy in a Sucrose Solution. **MADELINE SNYDER** (Dr. T. Fogle)