A total of 12 Susquehanna University Posters were submitted to the Symposium.

Poster Session I

#7 **Elizabeth Misner**, Susquehanna University
Mutation of Threonine 87 in Histone H2A.Z Affects Protein Levels in Chromatin
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Life Sciences
<u>Mentor</u>: Michael Parra

#8 **Emily Larkins**, Susquehanna University
The Importance of a Conserved Threonine Residue for the Function of H2A.Z in theYeast Saccharomyces cerevisiae
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Life Sciences
<u>Mentor</u>: Michael Parra

#14 **Zachary Cline & Aislinn Shilcusky**, Susquehanna University
The drift fence hypothesis: Testing an adaptive function for projectile directional defecation in the purseweb spider Atypus karschi
<u>Categories</u>: Life Sciences / Engineering, Computer Science and Natural Sciences
<u>Mentor</u>: Matthew Persons

Poster Session II

#5 **Katelyn Bucher**, Susquehanna University
Stress and Community Identification During COVID-19
<u>Categories</u>: Arts, Humanities and Social Sciences / Life Sciences
<u>Mentor</u>: Nick Ungson

#7 **Tyler Hargus**, Susquehanna University
What is the fastest way to process your data while keeping it secure?
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Arts, Humanities and Social Sciences
<u>Mentor</u>: Hojin Chang

#10 **Brianna Watts**, Susquehanna University
The histone H2A variant H2A.Z regulates the expression of TOR signal genes in the yeast Saccharomyces cerevisiae
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Life Sciences
<u>Mentor</u>: Michael Parra

#11 **Eric Ressler**, Susquehanna University
Synthesis and Optical and Electrochemical Properties of Squaraine-Based Dyes
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Life Sciences
<u>Mentor</u>: Phillip Brogdon

Poster Session III

#3 **Gwen Conley & Hannah Needham**, Susquehanna University
Developing an Aversive Stimulus Device using an Arduino
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Arts, Humanities and Social Sciences
<u>Mentor</u>: Carl Faust

#4 **Amanda McLaughlin**, Susquehanna University
Precision 3D Modeling
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Arts, Humanities and Social Sciences
<u>Mentor</u>: Adam Hansell

#8 **Mary Kuziak & Savannah Barton**, Susquehanna University
The Role of Dm Ime4 in Drosophila melanogaster Spermatogenesis
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Life Sciences
<u>Mentor</u>: Antonio Rockwell

#12 **Cory Mabry**, Susquehanna University
Assembly of Muon-Specific Particle Detectors
<u>Categories</u>: Engineering, Computer Science and Natural Sciences / Life Sciences
<u>Mentor</u>: Adam Hansell

#18 **Abigail Wagner**, Susquehanna University
The Effect of Acute Stress on Context-Dependent Memory in Rats
<u>Categories</u>: Life Sciences / Studies of Health and Wellness across disciplines
<u>Mentor</u>: James Briggs