

**The 9th Annual Meeting of the Kentucky Chapter  
of the [American Physiological Society](#)  
Meeting is hosted by the Office of Academic Affairs  
and School of Natural Sciences  
Kentucky State University, Frankfort, KY  
Saturday, October 16, 2021**

**WINNERS!**

**GRADUATE – ORAL**

**1<sup>st</sup> Sydney Wichmann**

Morphological Characterization of Aortic Baro-Receptor Units In Rabbits, Departments of Medicine and Physiology, University of Louisville, Robley Rex VA Medical Center, Louisville, KY

**2<sup>nd</sup> Jennifer Herndon**

Live A Healthy Life: You Got Only One! Sullivan University College of Pharmacy and Health Sciences, Louisville, KY.

**UNDERGRADUATE – ORAL**

**1<sup>st</sup> Katelyn Clough.** Assessing Adult Learning And Memory In Cyp1a1(+/-) Wild Type And Cyp1a1(-/-) Knockout Mice Exposed To Benzo[A]Pyrene During Early Brain Development. Neuroscience, Northern Kentucky University.

**2<sup>nd</sup> Hannah Tanner.** The Effect Of Tea, 4-Ap And In Combination On Primary Sensory Neurons In A Crustacean Model. 1Department of Biology, Eastern Kentucky University, Richmond, KY, USA; 2 Department of Biology, University of Kentucky, Lexington, KY, USA

**POSTDOCTORAL – POSTERS**

**1<sup>st</sup> Ruben Petite Hommes.** Ketone Bodies Decrease Pcsk9 in Diabetic Mice. Department of Physiology, School of Medicine, University of Louisville, KY

**2<sup>nd</sup> Nia Bard.** SARS-CoV-2: Understanding the Mechanisms of Covid-19|. Cardiovascular Summer Research Program, Department of Physiology, University of Louisville School of Medicine, Louisville, KY

## **GRADUATE STUDENTS – POSTERS**

### **1<sup>st</sup> Kearies Washington and Cynthia Kamga**

Covid-19: Risk Factors, Pathology, Treatment Options, And Controversies. University College of Pharmacy and Health Sciences, Louisville, KY

### **2<sup>nd</sup> Natalie Hack and John Wright**

Cinnamon Essential Oil Chemotypes And Antineoplastic Activity. Sullivan University College of Pharmacy and Health Sciences, Louisville, KY.

### **3<sup>rd</sup> Rodrick Milner and Christopher Riggs**

Analyzing The Prevalence, Pathophysiology, And Pharmacology Of Type-2 Diabetes In Kentucky Over A 10 Year Period. Sullivan University College of Pharmacy and Health Sciences, Louisville, KY.

## **UNDERGRADUATE STUDENTS – POSTERS**

**1<sup>st</sup> Emma Foster.** Neurotransmitter Differences Following Developmental Benzo[a]pyrene Exposure in Cyp1a1 Knockout Mice. Northern Kentucky University

**2<sup>nd</sup> Cecilia Pankau.** The effect of manganese on synaptic transmission and its impact on various physiological processes. 1Dept. of Biol., Univ. of Kentucky, Lexington, KY, 40506, USA; 2Dept. of Mathematical and Computat. Sci., Benedictine Univ., Lisle, IL, 60532, USA; 3Dept. of Biol., Eastern Kentucky Univ., Richmond, KY, 40475, USA

**3<sup>rd</sup> Angela Kyntchev.** Exposing Mice to Benzo[a]Pyrene During Early Brain Development to Analyze Depressive-like Behavior and Stress Hormones. Northern Kentucky University Department of Biological Sciences, Highland Heights KY

STUDENT	APS Status					FACULTY/PROFESSOR
	UNDERGRAD	GRAD	POST-DOC	POST-BAC	POSTERS	
1	8	9	2	1		14

APS Member

YES NO

15 21