

Midlands Society of Physiological Sciences (MSPS)

-Trainees in Physiology Research Reception-

Schedule

12:00	Check-In and Poster Set-up
12:30 – 2:00	Poster Session A (odd numbered posters)
12:30	Lunch
2:00 – 3:30	Poster Session B (even numbered posters)
3:45	Awards and Other Business

Poster	Primary Presenter	Institution	Title (titles may be truncated)	Category	Vote
1	Camille Larson	UNO	Exercise and Cold-Induced PGC-1a Isoform Response	UG	
2	Michael Douchey	UNO	Dopamine modulation of oxytocin pharmacology	UG	
3	Halee Keller	UNO	Effects of Environmental Temperature on Exercise R	UG	
4	Andrew Pham	UNO	Mutagenesis for Determining Anti-toxoplasma MoA	UG	
5	Caleb Capellen	UNK	Polyamine regulation in diabetic breast cancer	UG	
6	Nattie O'Reilly	UNO	Effect of Local Heat Application during Aerobic Ex	G	
7	Ben Meister	UNO	Effect of Cold during Ex on Mitochondrial Genes	G	
8	Natalia Gutierrez	UNL	Elevation & the Aerobic Metabolism of Andean Birds	G	
9	Sumit Kar	UNMC	Hydrogen Sulfide Protects the Heart against Homocyst	G	
10	Mark McGlynn	UNO	Influence of Heat on Appetite Regulating Hormones	G	
11	Mohammad Raihan	SDSU	Innate response and biodegradation of bandages	G	
12	Kenna Barnes	UNO	Huespring Leadership Program	G	
13	Junliang Qian	UNMC	A comparison of Ischemia-Reperfusion Injuries Induced by Tourniquet and Femoral Artery Ligation in Mouse Hindlimb	G	
14	Ronald Headid	UNO	Impacts of Mitochondrial-Targeted Antioxidant (MitoQ) on skeletal muscle mitochondrial function in peripheral arterial disease patients: pilot study	G	
15	Samiksha Giri	USD	Defining molecular mechanism promoting neointimal	G	
16	Liuqing Yang	USD	Defining the Physiological Requirement of a Key Pr	G	
17	Kimberlee Giffen	Creighton	Mutation of Slc7a14 causes syndromic hearing loss	G	
18	Kyle Roessler	USD	Parallels Between Stimulation of the Cardiac Sympathetic Afferent Reflex and Activation of the Paraventricular Nucleus	G	
19	Zhenhang Xu	Creighton	Roles of TFs in Atoh1-Mediated SC to OHC in Cochlea	G	

20	Megan Lewno	USD	Cardiomyocyte-Restricted Cops5 Knockout	G	
21	Liz Pekas	UNO	Impacts of aquatic walking on arterial stiffness, exercise tolerance, and physical function in patients with peripheral artery disease: a randomized clinical trial	G	
22	Pauline Xu	UNMC	Expression of inhibin subunit BA in PDAC	G	
23	Christopher Ashwood	UNMC	Advancing cardiac glycomics: Primary and hiPSC-CM	PD	
24	Sharon De Morais	UNMC	TRPV1 modulates chemoreflex in the Carotid body	PD	
25	Narendra Kumar	UNMC	Alcohol Associated Liver Injury	PD	
26	Kenichi Katsurada	UNMC	Role of the renal nerves in regulating GLP-1 mediated diuresis and natriuresis in rats with heart failure	PD	
27	Penglong Wu	USD	Proteasome Priming By Cyclic Amp Signaling Protect	PD	
28	Nikolay Karpuk	UNMC	Comparative analysis of respiration parameters	PD	
29	Haifizur Rahman	UNO	Ankle foot orthosis improves muscle oxygenation in patients with peripheral artery disease	PD	
30	Ganesh Bapat	UNO	Ankle-foot roll-over characteristics in elderly	PD	
31	Mira Noh	UNMC	Norepinephrine-a2 AR axis promotes macrophage recruitment and renal fibrosis in ischemic kidney	PD	
32	Huiuin Tu	UNMC	Dexamethasone Improves NMJ Recovery	F	
33	Omera Matoo	UNL	Mitochondrial Energetics and Stress	F	

UG, undergraduate; G graduate; PD, post-doc; F, faculty

We will have awards for the top 3 undergraduates, graduates, and post-docs. We will rely on attendees to vote for best posters. This form will serve as your ballot. Please vote for 3 in each category by placing a "X" in the box to the right on the above form. Please consider presentation and scientific soundness when voting.

We ask that all presenters place their poster on the appropriate numbered board between 12:00 and 12:30 and leave them up for the entire reception. Odd numbered posters will be presented between 12:30 and 2:00 (poster session A) and even numbered posters will be presented between 2:00 and 3:30 (poster session B). Please stand by your poster at the designated times to present your work and answer questions.

Please join us in thanking the UNO school of Health and Kinesiology and College of Education for supporting this event.