RESEARCH POSTER PRESENTATION

GROUP 1

Host: Viridiana Johnson

9:00 AM

Bianca Aguilar, Physiology at University of Arizona

“The Effects of Matrix Stiffness on Various Pathways in MCF7 Breast Cancer Cells”

Mentored by: Ghassan Mouneimne, PhD (Cellular and Molecular Medicine)

9:08 AM

Veronica Bausher, Public Health at University of Arizona

“Epitopic Immunization Against CRMP5 Induces Allodynia in Rats”

Mentored by: Rajesh Khanna, PhD (Pharmacology)

9:16 AM

Skye Bermudez, Public Health, Pre-Psychology Science at University of Arizona

“Disseminating the Knowledge of Smoking Relapse Prevention in Women, Indigenous, and General Populations”

Mentored by: Alicia M. Allen, PhD, MPH (Family and Community Medicine)

9:24 AM

Gabriel Tsai, Physiology at University of Arizona

“A review on how hormonal contraceptives impacts retention in Medication Assisted Treatment among adolescent and young adult females with opioid use disorder”

Mentored by: Alicia M. Allen, PhD, MPH (Family and Community Medicine)

9:32 AM  Break 10 min
9:42 AM  
**Dylan Bia,** Biological Sciences (Neurobiology) at Arizona State University

“Analyzing and Interviewing Health Knowledge of Renal Carcinoma to Increase Comprehension and Treatment Care within Arizona Communities”

Mentored by: Francine Gachupin, PhD, MPH (Family and Community Medicine)

9:50 AM  
**Ana Maria Castro,** Biomedical Sciences at Arizona State University

“Analysis of the Correlation and Implications Between Opioid Use and Cases of Homelessness in Maricopa County”

Mentored by: Todd W. Vanderah, PhD (Pharmacology)

9:58 AM  
**Divya Chauhan,** Biological Sciences and Justice Studies at Arizona State University

“A Solution to COVID-19 Mismanagement in the Age of Communication”

Mentored by: Kacey Ernst PhD, MPH (Epidemiology and Biostatistics)

10:06 AM  
**Sohail Daulat,** Physiology at University of Arizona

“The You In Youth: Developing a Process to Connect with Young Adults”

Mentored by: Martha Moore-Monroy, MA (Health Promotion Sciences)

10:14 AM  
Break (10 min)

10:24 AM  
**Nadia Clarke,** Physiology and Medical Sciences at Pima Community College, University of Arizona

“Investigating The Association of Co-Occurring Poor Housing Conditions in Parallel to Covid-19 Incidence and Mortality Rates: A Review of Literature”

Mentored by: Karen Lutrick, PhD (Family and Community Medicine)
10:32 AM  
**Vanessa Hintz**, Biological Sciences at Arizona State University

“Assessment of the Impact of Precision Medicine in the Diagnosis and Treatment of Chronic Diseases”

Mentored by: Karen Lutrick, PhD (Family and Community Medicine)

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10:40 AM  
**Alyssa Enriquez**, Physiology at University of Arizona

“Modifiable and non-modifiable preoperative measures and PROMs as predictors of success for postoperative outcome following unicompartamental knee arthroplasty (UKA)”

Mentored by: Michael P. Dohm, MD, FAAOS, ABOS (Orthopaedic Surgery)

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10:48 AM  
**Krishma Esar**, Physiology at University of Arizona

“Relative Efficacy of Anti-Seizure Drugs in a Cohort of Patients with SCN8A Epilepsy”

Mentored by: Michael Hammer, PhD (BIO5 Institute)