

SUMMER RESEARCH ACADEMY

Concurrent Session B
June 24, 2022

Biology & Psychology Groups

Welcome and Opening Remarks | 10:00 A.M. – 10:15 A.M.

Interim Provost Peter West, PhD, Mercy College

Interim Dean Kathleen Golisz, OTD, OTR, FAOTA, School of Health & Natural Sciences, Mercy College

Dean Stuart Sidle, PhD, School of Social & Behavioral Sciences, Mercy College

Dean Raymond Houston, PhD, School of Mathematics, Science & Engineering, Westchester Community College

Biology: Neurodevelopment | 10:15 A.M. - 10:35 A.M.

Molecular mechanisms of neuronal migration and axon growth in development

Abdelrahman Awawdeh

Shan-Noy Douglas

Kaitlyn Dunbar

Abeer Mijalli

Divya Murakonda

Felipe Ramirez

Jessica Yuqui

Faculty Mentor: Anthony Canger, PhD

Biology: Environment | 10:35 A.M. - 11:15 A.M.

Biotic and abiotic factors in the soil that affect the gardens on the Westchester Community College campus

Jayden Cancellaro

Melissa Diaz

William Iaconetti

Gabriela Jakobsen

Krista Maitland

Larry Sanchez

Jason Tamay

Meranda Wright

Faculty Mentors: J. Holly Bukofser, DPS, & Margaret Eidenc, PhD

Biology: Neuroprotection | 11:15 A.M. - 11:35 A.M.

Potential Role of Astrocytic VRAC in supporting neuronal glutathione synthesis

Ahlam Alghazaly
Mark Austin
Mary McGrath
William Miscione
Jocelyn Nugra

Faculty Mentor: Renee Haskew-Layton, PhD

Psychology | 11:35 A.M. - 11:55 A.M.

A primary analysis of social media use, anxiety, and identity development among emerging adults

Ashley Baez
Minnu Benny
Katherine Guzman
Tiana Kucmierowski
Brenda Sagastume
Abigail Simpson
Jeffrey Zelaya

Faculty Mentor: Gillian Fraser, MS

Biology: Vascular Development | 11:55 A.M. - 12:15 P.M.

Establishing an *in vivo* model for the study of cardiovascular biology using the chicken embryo

Hortenzia Deak
Alvaro Gutierrez
Blair Labbate
Larissa Schneid Lopez
Shaima Sharhan

Faculty Mentor: Patricio Mujica-Urzuza, PhD

Lunch | 12:15 P.M. - 1:00 P.M.

Adjourn