



MCNAIR SCHOLARS PROGRAM

Summer Research Colloquium

Thursday, July 21, 2022 – City Campus Union

1:30 – 2:30 p.m.

McNair Research Presentations

Regency A, B, and C

Regency A

Moderator – Sophie Tonjes, M.A., UNL Educational Psychology Ph.D. student

Isis Burks, Psychology

Persistence During an Unmonitored Task: Associations with Elementary School Students' Self-Regulation and Academic Skills

Faculty Mentor: Dr. Jenna Finch, Department of Psychology

Emily Barajas, Psychology

Impact of Race and Ethnicity on a School-Based Restorative Justice Program

Faculty Mentor: Dr. Eve Brank, Department of Psychology

Darian Draft, Psychology

Sexual Abuse History, Internalizing Symptoms, and Social Problems in Youth

Faculty Mentor: Dr. David Hansen, Department of Psychology

Regency B

Moderator – Amanda Miller, UNL Chemistry Ph.D. student

Samuel Aguilera-Robledo, Biochemistry

Elucidating Metabolic Connection Between Liver and Brain via Metabolomics and Integration Modeling in Epilepsy

Faculty Mentor: Dr. Jiri Adamec, Department of Biochemistry

Betty Dessie, Microbiology

*Investigating the Age-Dependent Role of DAF-16-Mediated Immunity During *S. maltophilia* Infection*

Faculty Mentor: Dr. Michael Herman, School of Biological Sciences

Juan J. Silva, Physics and Mathematics

It Takes Two to Tango: Search for Di-Higgs Boson Production at the LHC

Faculty Mentors: Dr. Peisi Huang and Dr. Ke-Pan Xie, Department of Physics & Astronomy



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Regency C

Moderator – Justine Yeo, UNL ALEC Ph.D. student

Adriann Cotton, Psychology

Health Stigma, Social Experience, and Psychological Wellbeing in Emerging Adults with Chronic Health Conditions

Faculty Mentor: Dr. William Spaulding, Department of Psychology

Ma’Kiya Carter, Child, Youth, and Family Studies

An Analysis on Popular Music and the Societal Implications It Has on Its Audience

Faculty Mentor: Dr. Cody Hollist, Department of Child, Youth, and Family Studies

Clara Perez, Computer Science

How Spatial Perception Affects Pilots’ Performance in Landing Tasks

Faculty Mentor: Dr. Brittany Duncan, School of Computing