



MCNAIR SCHOLARS PROGRAM

Summer Research Colloquium

Thursday, July 27, 2023 – City Campus Union

1:30 – 2:30 p.m.

McNair Research Presentations

Regency A and B

Regency A

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

Monique Miller, Child, Youth, and Family Studies

Relationship Between Parents' Gendered Beliefs and Gendered Emotion Socialization

Faculty Mentor: Dr. Patty Kuo, Child, Youth, and Family Studies

Graduate Student Mentor: Jasmin Smith, Child, Youth, and Family Studies

Co-Author: Emily Starr, Child, Youth, and Family Studies

Sarah Omar, Psychology

The Role of Parental Trauma-Related Distress in Emotion Socialization and Child Internalizing Symptoms

Faculty Mentor: Dr. Rebecca Brock, Department of Psychology

Graduate Student Mentor: Lauren Laifer, Department of Psychology

Daniella Gbetanou, Ethnic Studies

Indigenous Heritage and Arabic Heritage Communities' Perspectives on Language Instruction and Other Cultural Supports in Education Settings

Faculty Mentor: Dr. Lory Dance, Department of Sociology and Ethnic Studies

Graduate Student Mentors: Meagan Kunitzer and Eli Ornelas, Department of Sociology

Karen Rodriguez, Philosophy and Sociology

The Role of Social Networks and Loneliness in Discrimination-Related Mental Health Outcomes Among Hispanic Immigrant Women in Nebraska

Faculty Mentor: Dr. Trey Andrews III, Department of Psychology



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Moderator – Sarah Barker Ladd, Central Michigan McNair Alum & Child, Youth, and Family Studies Ph.D. student

Angelea Arnett, Physics

Acoustic Levitation and Quantum-Like Behavior of Styrofoam Balls

Faculty Mentor: Dr. Herman Batelaan, Department of Physics & Astronomy

Graduate Student Mentor: Raul Puente, Department of Physics & Astronomy

Tyler J. Downey, Mechanical Engineering

Novel Wheel-Leg Model and Design for a Pipe-Navigation Robot

Faculty Mentor: Dr. Carl A. Nelson, Mechanical & Materials Engineering

Faithleigh M. Podzimek, Anthropology

3D Documentation of Basketmaker Petroglyph Panel in Southeastern Utah

Faculty Mentor: Dr. Phil Geib, School of Global Integrative Studies