MCNAIR SCHOLARS PROGRAM

Summer Research Virtual Colloquium
Thursday, July 22, 2021

https://go.unl.edu/msre2021_colloquium

10:00–10:05 a.m. Welcome: Dr. Laurie Bellows, Vice Chancellor, Student Affairs & Director, UNL McNair Scholars Program

10:05–11:30 a.m. McNair Research Presentation Session 1

Moderator – Sophie Tonjes, Educational Psychology Ph.D. student

Josselyn Telule, Psychology
*Affirming Psychotherapy for Transgender and Gender Diverse People: Understanding Affirming, Neutral, and Marginalizing Experiences in Therapy*
Mentor: Dr. Debra Hope, Department of Psychology

Daniel Nguyen, Psychology
*LGBTQ+ people of color’s experiences of community bias and discrimination, identity integration, and well-being*
Mentor: Dr. Cynthia Willis-Esqueda, Department of Psychology

Jocelyn Covarrubias, Psychology
*Gender Differences of Men and Women Sexual Assault Survivors: An Examination of PTSD and Alcohol Use*
Mentor: Dr. Anna Jaffe, Department of Psychology

Khalid Yusuf, Psychology
*Biopsychosocial Health: Examining the Relationships Between Loneliness, Social Connection, and College Students’ Health*
Mentor: Dr. William Spaulding, Department of Psychology

11:30 a.m. –12:30 p.m. Break
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12:30 – 2:00 p.m. McNair Research Presentation Session 2

**Moderator – Sophie Tonjes**, Educational Psychology Ph.D. student

**Evelyn Estrada Gonzalez**, Psychology
*Promoting parent-child interaction and parenting efficacy during early childhood: What support strategies are used by teachers during home visits?*
Mentor: Dr. Lisa Knoche, NE CTR for Research on Children, Youth, Families & Schools

**Haley Witthuhn**, Psychology
*Associations Between Self-Reported Intrinsic Motivation and Challenge Preference in Second Graders*
Mentor: Dr. Jenna Finch, Department of Psychology

**Dorian Bobbett**, Chemical Engineering
*Engineering Faculty Experience During Emergency Remote Teaching: A Case Study*
Mentor: Dr. Grace Panther, Civil & Environmental Engineering

**Noah Garcia**, Mechanical Engineering
*Designing a Single-Leg Robotic Exoskeleton for Hemiparesis Patient Gait Assistance*
Mentor: Dr. Carl Nelson, Mechanical & Materials Engineering

2:00 – 2:30 p.m. Break
2:30 – 4:00 p.m. McNair Research Presentation Session 3

**Moderator – Sophie Tonjes**, Educational Psychology Ph.D. student

**Seth Caines**, Biological Systems Engineering
Are microplastic fibers that are usually found in textiles prevalent in Nebraska freshwater bodies?
Mentor: Dr. Shannon Bartelt-Hunt, Professor & Chair, Civil & Environmental Engineering

**Cleopatra Babor**, Plant Biology
The Breeding of Novel Colored and High Protein Quality popcorn and Sweet Corn Varieties
Mentor: Dr. David Holding, Agronomy & Horticulture

**Bailey Mullins**, Environmental Studies
Analyzing the Data of the Central Nebraska Irrigation Project to Find if Reduction in Water Pumping has Occurred
Mentor: Dr. Trenton Franz, School of Natural Resources

**Alyssa Simpson**, Physics
Ferroelectric domain studies in free-standing PbZr0.2Ti0.8O3 membranes
Mentor: Dr. Xia Hong, Department of Physics & Astronomy