



## 29th Annual McNair Scholars Research Symposium

Monday, July 26, 2021

Welcome 8:30 a.m.

Edward Seidel, PhD

**8:40 a.m.**

**Tawna Herrera**

*Manipulation of Neuronal Pathways to Decrease  
Cocaine Addiction Relapse*  
With Ana Clara Bobadilla, Ph.D. & Carl Litif, PhD

**9:00 a.m.**

**Cortney Borer**

*Effect of 30% Change in Nitrogen and  
Phosphorous on Microcystis and  
Anabaena Cultures*  
With Annika Walters, Ph.D. & Ashleigh Pilkerton

**9:20 a.m.**

**Gracen Wallen**

*Stratigraphic relationships surrounding the  
Cretaceous-Paleogene boundary in the  
Northern Great Plains, USA*  
With Mark Clementz, Ph.D., Carl Campbell, MS  
& Susannah Wright

**9:40 a.m.**

**Jordan Eichman**

*Using cloud microphysics to eliminate bias in  
climate monitoring*  
With Daniel McCoy, Ph.D. & Brandon Lopez, MS

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**10:00 a.m. – 10:10 a.m.**

**Break**

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**10:10 a.m.**

**Alec Wallen**

*Synoptic Climatology of Colorado River Low Flow  
Conditions at Lake Powell*  
With JJ Shinker, PhD and Tessa-Ray Cozzens

**10:30 a.m.**

**Marissa LeDoux**

*The impact of age on the naturalness  
of /r/ productions*  
With Breanna Krueger, PhD & Josephine Cox

**10:50 a.m.**

**Taryn Veniegas**

*Investigating Public Misperceptions of False  
Sexual Assault Allegations*  
With Matthew Gray, PhD and  
Natalie Poole & Riley Hoogerwerf

**11:10 a.m.**

**Johnathan Walker**

*Trauma cognition as an intervening variable in the  
relationship between chronic child abuse and risk  
factors for suicidal ideation*  
With Joshua Clapp, PhD and  
Alexandria Sowers & Robert Kaya

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**11:30 a.m. – 12:30 p.m.**

**Lunch Break**

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**12:30 p.m.**

**Anthony Sandoval**

*The Development of Straight Authorial Utilization  
of Gay Assimilation and Homosexual Visibility  
Narratives in Young Adult Literature  
from 2010-2014*  
With Jason Thompson, Ph.D. & Robert Baker

**Wendy Luna Garcia**

*Mexico's Golden Age of Cinema:*

*Reflections of Womanhood through Time*

With Nicholas Crane, PhD; Trisha Martinez, PhD  
and Veronica Hanway

**1:10 p.m.**

**Angela Adams**

*Treading Water: A Critique of*

*Child Protective Services*

With Fredrick Dixon, PhD. & Alexandra Bitter

**1:30 p.m.**

**Madison Davis**

*Who Holds the Power? An exploration of social  
work students' perceptions of power in*

*the classroom*

With Eleanor Downey, Ph.D. & Julia Cathey

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**1:50 p.m. – 2:00 p.m.**

**Break**

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**2:00 p.m.**

**Bethany Haworth**

*A Study of Alienation among Fast-Food Service  
Industry Workers: The Self-Estranged*

With Daniel Auerbach, Ph.D. &

Arianna Maikalani Garcia

**2:20 p.m.**

**Roman Peterson**

*A Religious Studies Contribution to Rural Sociology*  
with Mary Keller, Ph.D. and Jennifer Tabler, PhD

**2:40 p.m.**

**Rebecca Lovell**

*Nofretete: German Appropriation of an  
Egyptian Queen*

With Adam Blackler, Ph.D. & Randi Spray

**3:00 p.m.**

**Irelynn Holland**

*Modern perceptions of social unrest and the  
influence of The Beatles*

With Katrina Zook, Ph.D. & Will Flagg, MA