

**26th Annual McNair Scholars Research Symposium**

Monday, July 30, 2018  
Wyoming Union, Family Room

Welcome 8:30 a.m.  
President Laurie Nichols, PhD

**8:40 a.m.****Rebecca Sorber**

*Did a Planet Survive a Post-Main Sequence Evolutionary  
Event?*

With Hannah Jang-Condell, Ph.D. &  
Mara Zimmerman

**9:00 a.m.****McKenzie Peterson**

*The Mobility of Rare Earth Elements in the Sherman  
Granite Aquifer*

With John Kaszuba, Ph.D. & Olivia Terry

**9:20 a.m.****Jelard Aquino**

*Comparative analysis of RNAseq data of white pine blister  
rust on five-needle pines*

With Vikram Chhatre, Ph.D. and Gordon Custer

**9:40 a.m.****Autumn Hopkin**

*A Unimanual Coordination Task for the Detection of  
mTBI History*

With Qin "Arthur" Zhu, Ph.D. and Shaochen Huang

**Morning Reception****10:00 a.m. – 10:30 a.m.****10:30 a.m.****Holly Trujillo**

*Speech Language Pathologists Serving Students with  
Traumatic Brain Injury: A Qualitative Inquiry*

With Erin Bush, Ph.D., Mary Jo Cooley Hidecker, Ph.D., and  
Chelsea Kunitz

**10:50 a.m.****Kaylee Tuttle**

*Secondary Prospective Teachers' Understanding of the  
Cognitive Demand of Mathematics Tasks*

With Michelle Chamberlin, Ph.D.

**11:10 a.m.****Joshua Sheinberg**

*A Comparison of Statistical Methods to Analyze the  
Variance of Adjusted Income across the 50 States in 2015*

With Steve Bieber, Ph.D.

**11:30 a.m. – 12:30 p.m.****Lunch Break West Ballroom****12:30 p.m.****Jessica Evans**

*Voluntary Association Participation in Small Town Iowa*

With Matthew Painter, Ph.D. and Samantha Velez

**12:50 p.m.****Shelby Mikkelson**

*Forever Punished: How Society Punishes Ex-Felons*

With Kimberly Schweitzer, Ph.D. and Alexandra Bitter

**1:10 p.m.****Alexis Trujillo**

*Are Internalizing Symptoms Associated with Criminal  
Behavior in Married Couples?*

With Robin Barry, Ph.D. and Stephanie Amaya

**Afternoon Break****1:30 – 1:40 p.m.****1:40 p.m.****Juan Diego Vintimilla**

*The Role of Self-Compassion in Reducing Negative Affect  
Experienced During Interactions*

With Benjamin Wilkowsky, Ph.D. & Zachary Williamson

**2:00 p.m.****Andrea Alzalde**

*Sexual Assault, Victimization, Perpetration, and Associated  
Beliefs among High-Risk College Groups*

With Matt Gray, Ph.D. & Stephanie Amaya

**2:20 p.m.****Kayla Mohler**

*A Study on the Ideological Constructs that Influence Rape  
Myth Acceptance*

With Matt Gray, Ph.D. and Stephanie Amaya