18th Annual Fall Student Research Symposium

Each summer a group of students conducts original research & creative projects in collaboration with faculty mentors under the auspices of the Summer Student Research Program. They communicate the results of those projects in written and oral presentations at the Fall Student Research Symposium. The public is welcome to review posters in Ponderosa E, and to hear oral presentations in Ponderosa C and D.

Additional presentations will be made by students from Athletic Training, Chemistry, Communication Disorders, Music.

**Ponderosa Room C**

2:00  Brandon Ramos  
Mentor: Said Abusheleleh  
Electromagnetic Interference Reduction of High-Speed Digital and Analog Circuits

2:15  Autumn Rhoads  
Mentor: Whitney Schneider-Cline  
Speech Screening for Preschool-age Children

2:30  Nirajan Shrestha  
Mentor: Angela Hollman  
Effectiveness of Think Clients from IT Perspective

2:45  Hannah Way  
Mentor: Allen Thomas  
Synthesis of Ribavirin Analogs as Potential Concentrative Nucleoside Transporter 2 Ligands

3:00  Guadalupe Chavez  
Mentor: Julie Campbell  
Police Response to Domestic Violence: Training and Knowledge Level

3:15  Sarah Laden  
Mentor: Dena Harshbarger  
Exploring 3-5 Grade Teachers’ Self-Efficacy with Inquiry-based Science Instruction

3:45  Shushant Khanal  
Mentor: Sharon Obasi  
Using Big Data to Fight Against Human Trafficking in Nepal

4:00  Cy Cannon  
Mentor: William Wozniak  
Evaluation of the Moth Effect

4:15  Tejesvini Balaji  
Mentor: Theresa Wadkins  
The Effect of Emotions on Eating Behavior

4:30  Kennedy Kluthe  
Mentor: Austin Nuxoll  
Investigating Staphylococcus aureus tolerance to innate immunity

4:45  Cassidy McIntire  
Mentor: Toni Hill  
Narcissism and Former College Athletes

**Ponderosa Room D**

2:00  Courtney Shundoff  
Mentor: Jane Strawhecker  
Integrating Storybooks and Mathematics

2:15  Open

2:30  Karina Martinez  
Mentor: Julie Campbell  
Exploring Victimization Resources for Young Adults in Central Nebraska

2:45  Guadalupe Perez  
Mentor: Martonia Gaskill  
Minority Teachers in the Midwest: Perceptions, Challenges, and Opportunities in the Public School System

3:00  Open

3:15  Micah Sessions  
Mentor: Andrew White  
An Analysis of Dairy and its Effects on Vocal Production

3:30  Megan Bahns  
Mentor: Philip Lai  
A Longitudinal Study Tracking the Development of Communication in Parents with Children with Autism Spectrum Disorders

3:45  Megan Steinhauer  
Mentor: Jeff Wells  
Life, Limestone, and Letters: The History of Fort Hartsuff

4:00  Open

4:15  Maverick Miller  
Mentor: Javier Fox  
Alternative Firing Methods: Raku and Saggar

4:30  Open

4:45  Samantha Rau  
Mentor: Kristi Kounovsky-Shafer  
CRISPR/Cas6-mediated Genome Editing in Chlamydomonas reinhardtii

**Presentation Areas**