

Friday 2:30–3:15 p.m.
3rd Floor Hallway (near north stairs)

Registration

Friday 3:30–4:30 p.m. **Session 1**

Meeting Room A Music

Moderator: Madi De Boer

RaeAnne Hopkins, “Gershwin’s Piano Concerto in F Major,” Sponsor: Dr. Ernest Kramer

Parker Worden, “*The Slavonic Dances* by Antonin Dvorak,” Sponsor: Dr. Ernest Kramer

Meeting Room B Education

Moderator: Hana Mayfield

Kaisee Perkins, “Brain Breaks Professional Development,” Sponsor: Dr. Jodie Leiss

Kelly Towne, “Pottawattamie Partnerships,” Sponsor: Dr. Chi Lo Lim

Brianna Wilmes, Erin Leatherman, Haley Klein, Emily Johnson, “Project Based Learning: Engaged Learners Now and in the Future,” Sponsor: Dr. Sue Wood

Friday 4:30–5:30 p.m. **Session 2**

Meeting Room A Political Science/English

Moderator: Jamie Thygesen

Kennia Lopez, “The Presence of Female Pedophilia in *The Turn of the Screw*,” Sponsor: Dr. Ashley Davis-Black

Tara Logan, “Institutional Racism in the Judiciary from 1857 to 1951: A Look into the Political Model,” Sponsor: Dr. Daniel Smith

Megan Clasen, “A Study of Engle v. Vitale,” Sponsor: Dr. Daniel Smith

Meeting Room B Agriculture & Environment

Moderator: April Walkup

Brian Wackly, Carrie Egnatowski Rawson, Kay Light, “Loess Bluffs National Wildlife Refuge: The Experience,” Sponsor: Dr. Luke Rolfes

Karlee Morgan, “John Deere Financial Internship Experience,” Sponsor: Dr. Chi Lo Lim

Friday 5:30–6:30 p.m. **Session 3**

Meeting Room A Chemistry & Physics

Moderator: April Walkup

Dakota Shields, “Escape of Hybrid Electrons from Halogen confining Buckyball Molecules Irradiated by Ultraviolet Laser,” Sponsor: Dr. Himadri Chakraborty

Steven Gordon, “Chemical Kinetics and a Simple Way to Measure Bleach Concentration with Food Coloring and a Thermometer,” Sponsor: Dr. Mike Bellamy

Meeting Room B Computer Science

Moderator: Hana Mayfield

Ruida Zeng, “Designing a Brain Computer Interface Using EMOTIV Headset and Programming Languages,” Sponsor: Dr. Ajay Bandi

Daniel Freitas, Dave Chen, “Designing a Game in a Month,” Sponsor: Dr. Nathan Eloe

Aswini Vadlamudi, Haritha Kurla, Neeraja Garigipati, Naga Sravanthi Modali, “Advisor Dashboard,” Sponsor: Dr. Denise Case

Friday 6:45–8:00 p.m. **Banquet**

Student Union Boardroom

Introduction: Dr. Elyssa Ford, Society of President’s Scholars

Keynote Address: Dr. Cleo Samudzi, Dean of the Missouri Academy

Door Prize Drawing

Attend & Win

If you will be attending the banquet, be sure to enter the door prize drawing. You are eligible for one entry for each session you attend (be sure to sign up each time), so the more sessions you attend, the more likely you are to win! You must be present at the drawing to collect the prize.



NORTHWEST
MISSOURI STATE UNIVERSITY

Celebration of Quality

Friday, March 30, 2018
J.W. Jones Student Union 3rd Floor

Northwest Missouri State University

Friday 3:30–6:30 p.m.

**Exhibits and
Poster Displays**

Student Union Ballroom

Moderators Boardroom & Ballroom: Addi Passiglia, Nathan Powell

Ballroom: North Side

Janell Walters, "Social Impact on Shelter Selection in Male Dubia Cockroaches," Sponsor: Dr. Jay McGhee

William Robinson, "Urban vs. Rural Bird Diversity in Northwest Missouri," Sponsor: Dr. Jay McGhee

Melinda Hess, "Foraging Preferences of Missouri Rodents at NWMSU," Sponsor: Dr. Jay McGhee

Nicholas Bocchino, "The Effect of Acid Rain on Seedling Germination," Sponsor: Dr. Jay McGhee

Mike Morgan "How Grey Water Detergent Affect the Growth Rate of Allium Schoenoprasum," Sponsor: Dr. Jay McGhee

Taylor Blackford, "Rate of Dissolution of Acetaminophen: Generic vs. Brand Name," Sponsor: Dr. Jay McGhee

Emily McHugh, "Comparison of the Efficiency of Liquid and Hard Soaps in Standard Handwashing," Sponsor: Dr. Jay McGhee

Taylor Linenger, "The Effects of Calcium Levels on the Growth Rate of Basil," Sponsor: Dr. Jay McGhee

Brianna Kass "Effects of Temperature on the Ripening Rate of Avocados," Sponsor: Dr. Jay McGhee

Riley Elliot "Effects of Water Salinity on Grass Height," Sponsor: Dr. Jay McGhee

Chase Hartwig "The Effect of Different Brands of Fertilizer on Plants," Sponsor: Dr. Jay McGhee

Jackie Glidewell, "Comparative Nitrogen Removal from Water and Duckweed and Peace Lily Plants," Sponsor: Dr. Jay McGhee

Dana Stane, "Effects of Various Non-Steroidal Anti-Inflammatory Drugs on Shoot and Root Growth of Pea Plants," Sponsor: Dr. Jay McGhee

Kayla Earl, "Effect on Jet Alert on Pea Plant Growth," Sponsor: Dr. Jay McGhee

Emily Basty, "The Effect of Spices on the Inhibition on E. Coli," Sponsor: Dr. Jay McGhee

Madison Bonnett, "Types of Water Effects on Pea Plant Growth," Sponsor: Dr. Jay McGhee

Jacob Bocchino, "The Effect Different NaCl Concentration on Pea Plant Germination," Sponsor: Dr. Jay McGhee

Haylee Davis, "Bacterial Susceptibility of Organic and Processed Foods," Sponsor: Dr. Jay McGhee

Ballroom: South Side

Purna Medarametla, Harish Bondalapati, "Security Features in Object-Oriented Programming Languages," Sponsor: Dr. Ajay Bandi
Brenden Grove, Joseph Dennison, "A Colorimetric Analysis for Bromate in Bleach," Sponsor: Dr. Mike Bellamy

Him Shreshtha, Connor McNeil, "A User-Made Hypochlorite Reactor that is Optimized for Disaster Relief," Sponsor: Dr. Mike Bellamy

Courtney Cauley, Mandi Morin, "Medium Weight Forks," Sponsor: Mr. Luke Rolfes

Valerie Ruby, "Knowledge of ACSM Physical Activity Guidelines and Stress Levels Among College Students," Sponsor: Dr. Matt Symonds

Him Shrestha, Amankumar Patel, Bikash Adhikari, "Development of Magnetic Resin-Magnetite Nanocomposites for PCR ready DNA extraction," Sponsor: Dr. Mohammed Meziani

Janell Walters, "Cultivation of Potentially Novel Bacteria from Calcium Carbonate Rich Soil," Sponsor: Dr. James Campbell

Emily McHugh, "Cultivation of Bacteria from Cadmium and Lead Rich Soils of Picher, OK," Sponsor: Dr. James Campbell

Goutham Reddy Neravetla, Daiwei Chen, "Learning Agent-Oriented Software with the Architecture for Systems of Intelligent Systems (AASIS) Framework," Sponsor: Dr. Denise Case

Bradley Taylor, Daniel Favor, "A Look Into the Network and Penetration Testing Lab," Sponsor: Dr. Scott Bell

Brenna Mabry, "Determining the composition and transportation of algal blooms in the Old Woman Creek Estuary of Lake Erie using reflectance spectroscopy," Sponsor: Dr. Lorita Nivanthi Mihindukulasooriya

Tori Brown, "Quantifying Harmful Algal Species in Old Woman Creek National Estuary of Lake Erie," Sponsor: Dr. Alisha Campbell

James Christensen, "Never Caught Lesson Plan and Materials," Sponsor: Dr. Elyssa Ford

Alissa Rucker, "A Social Justice Unit Plan for Eighth Grade Students: 'The House on Mango Street'," Sponsor: Dr. Ashley Davis-Black

Briana Sparks, "Freshman Education Majors Perceptions of Childhood," Sponsor: Dr. Keely Cline, Dr. Pradnya Patet, Dr. Elizabeth Dimmitt

Courtney Bundy, "Children's Literature as a Priming Event for Freshman Education Majors' Views of Children and Teaching," Sponsor: Dr. Keely Cline, Dr. Pradnya Patet, Dr. Elizabeth Dimmitt

Alana Kay Hollingsworth, "Ecology," Sponsor: Mrs. Jill Baker

Brooke Byland, "Impacts of Golf Club Selection on the Accuracy around the Green," Sponsor: Dr. Matt Symonds

Madison Barrett, "Determining the summer 2017 composition of algal blooms in Old Women Creek National Estuary of Lake Erie using reflectance spectroscopy and algal cell counts," Sponsor: Dr. Lorita Nivanthi Mihindukulasooriya

Joshua Skaggs, "Cultivation of bacteria from underground water samples located at the Nevada National Security Site," Sponsor: Dr. James Campbell

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Thank you and congratulations to all of our participants!

The Celebration of Quality is hosted by the Society of President's Scholars (faculty sponsors: Dr. Elyssa Ford and Dr. Mohammed Meziani; student president: Brianna Wilmes)

Special thanks to the Office of the Provost for sponsoring this event!