

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

Friday 3:30–4:30 p.m. Session 1

Meeting Room A Education Technology

Moderator: Riley Smith

Edwin Kraber, Allie Stanley, “A Programming Tool: Every Bit Counts,”
Sponsor: Ms. Cari Cline

Alexis Geisert, Jacob Gassman, “Curriculum Based Measurement,”
Sponsor: Dr. Jeongae Kang

Meeting Room B Emergency Disaster Management

Moderator: Robby Fahrenholtz

Natalie Coté, “Lawrence Public Library Emergency and Disaster Plan,”
Sponsor: Mr. John Carr

Courtney Bishop, Sophia Palmerin, Brittany Coppock, Michaela
Graham, Estella Wesseh, “Citizens and Refugees Buddy System
(C.A.R.B.S.),” Sponsor: Mr. John Carr

Friday 4:30–5:30 p.m. Session 2

Meeting Room A Humanities

Moderator: Riley Smith

Kathrine Gerhardt, “Analysis of the Political History and the Treatment
of HIV/AIDS Today in Brazil,” Sponsor: Dr. Jose Palacios Perez

Megan Clasen, “Religious Conflict in Colonial America and the Pledge
of Allegiance,” Sponsor: Dr. Kimberly Casey

Meeting Room B Literature

Moderator: Robby Fahrenholtz

James Cookinham, “Richard Strauss’s Also Sprach Zarathustra: The
Dawn of the Overman,” Sponsor: Dr. Ernst Kramer

Nicole Reed, “Don’t Change Me,”
Sponsor: Ms. Tamara Lynn

Anna Bagoly, “English Translations of Hungarian Poet Gyula Juhasz,”
Sponsor: Dr. Jenny Rytting

Friday 5:30–6:30 p.m. Session 3

Meeting Room A Economics

Moderator: Reese Zollman

Gouthami Pasham, “Finance Application,” Sponsor: Dr. Denise Case

Sarah Hartley, “Agricultural Economic Outlook of Northwest Missouri
Counties,” Sponsor: Dr. Seth Soman

Max Lyons, “Lyons Investment Portfolio,” Sponsor: Mr. David Johnson

Meeting Room B Science & Technology

Moderator: Ben Whitney

Victoria Brown, “Comparing Methods for Quantifying Harmful Algal
Species in Old Woman Creek,” Sponsor: Dr. Alisha Campbell

Jordon Winn, “Phylogenetic comparison of cadmium resistance genes
in Cupriavidus isolates from Picher, Oklahoma,” Sponsor: Dr. James
Campbell, Dr. Alisha Campbell

Sonam Gadekari, “Learning Java Spring MVC by Implementing an
Online Order System,” Sponsor: Dr. Denise Case

Meeting Room C Genealogy & Technical Skills

Moderator: Ethan Dixon

Aubrey Walker, Maddison Haynes, Victoria Luke, “The Heart of the
Midwest: Family Histories Uncovered,” Sponsor: Dr. Elyssa Ford

Melissa Potter, Trey Kothe, “Diversifying Your Toolbox by Pursuing
Computer Science Certification,” Sponsor: Dr. Nancy Zelif

Friday 6:45–8:00 p.m. Banquet

Student Union Boardroom

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

Keynote Address: Dr. Thoephil Ross, Professor of Theater

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, April 5, 2019
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: Savannah Baker & Jatelyn Stewart

Ballroom: North Side

Evan Grimes, “Road mortality of snakes at Loess Bluffs National Wildlife Refuge,” Sponsor: Dr. Jay McGhee

Evan Grimes, “Analysis of Genomes and Phylogenetic relationships of *Methylobacterium* Isolates from Mining Soils,” Sponsor: Dr. James Campbell; Dr. Alisha Campbell

Ujjawal Kumar, “User Experience Design,” Sponsor: Dr. Charitha Hettiarachchi

Emily Wedlock, “Genome Analysis of *Cupriavidus* Isolates from Heavy-Metal Contaminated Soils,” Sponsor: Drs. James & Alisha Campbell

Amankumar K. Patel, Wonjoon Choi, Collins Nwanonyi, “Synthesis and Characterization of Composite Resin Metal and Magnetic Nanoparticles,” Sponsor: Mohammed J. Meziani

Chance Casey, “A Purge of Bad Habits,” Sponsor: Mr. Armin Muhsam

Stephanie L Dolan, “Genomics of Six Heavy-Metal Resistant *Methylobacterium* Isolates from Picher, Oklahoma,” Sponsor: Dr. James Campbell; Dr. Alisha Campbell

Whitney Redler, “Advances in Telomerase Enzyme Therapies Targeted at Cancer and Aging,” Sponsor: Dr. Ahmed Malkawi

Kristen Edmisten, Mariah Gann, Kennedy King, Sophia Palmerin, “Books Before Birth: Case Study of an Expectant Mother Reading to her Baby in Utero,” Sponsor: Dr. Keely Cline & Mrs. Elizabeth Dimmitt

Amanda Herzberg, “Optimization of Counting Method for Enumeration of Phytoplankton using an Utermohl Settling Chamber for Water Quality Monitoring Purposes,” Sponsor: Dr. Lorita Nivanthi Mihindikulasooriya

Bailey Hiatt, Angela Giammalva, Emma Dorsey, Zach Stein, “Co-Teaching and Collaboration,” Sponsor: Dr. Shantel Farnan

Jeff Woodward, ““All Must First Not Fall”: a work of fiction,” Sponsor: Dr. Daniel Biegelson

Shelby Theis, “Self Representation,” Sponsor: Mr. Armin Muhsam

Dante Morello, Madison Whitver, Malika Dahal, “From the Pseudo-Profound to College Campuses: How Bullshit Receptivity Interacts,” Sponsor: Dr. Jerrold Barnett

Autumn Jane Bailey, Clayton True, “Isolation of a Plant Hormone & the Effect of Temperature and Photoperiod on Flower Induction,” Sponsor: Dr. Ahmed Malkawi

Ballroom: South Side

Dr. Gregg Dieringer, Research Seminar Presentations

- Taylor Sutton, “Naïve Survival Rates for Cope’s Gray Treefrog Population at Mozingo Lake, Missouri”
- Victoria Tetzlaff, “Milk Production Compared to Age in Holstein Cows”
- Jack Bartley, “The Effect of Nyquil on Plants”
- Stephanie Kost, “The Effect of Green Light on Stem Growth of Corn”
- Kathrine Gerhardt, “The effect of brand name on ibuprofen dissolution time”
- Courtney Stiens, “The Effects of the Time of Day on Cognitive Abilities in the Geriatric Population”
- Dallas Steiner, “The Effect of Probiotics on *Escherichia coli* Growth”
- Nicholas Gutzmer, “The Effect of Amount of Sleep on Reaction Time”
- Katherine Lewis, “Is There a Difference in Growth between Seeds Watered with Tap versus Precipitation?”
- Bryce Long, “The Effect of Caffeine on Tricep, Deltoid, and Pectoral Fatigue”
- Jared Spunaugle, “Habitat choice of Ring-Necked Pheasants during cold season”
- Paul Keyser, “Comparison of Northern Cardinal Activity One Hour before Dawn and at Dawn”
- Joseph Hrdlicka, “The Effects of Emergen-C on *Beta vulgaris* Growth”
- Zachary Walkenhorst, “The Effect of Essential Oil (Lavender) on *E. coli* Growth”
- Victoria Brown, “A Comparison of Thieves Essential Oil and Lysol as Household Cleaners”
- Wesley Cramsey, “Nitrogen and Phosphorus Effects on Growth in Young Pea Plants”
- Aubrey Ewing, “Genus of Plankton Found Throughout the Water Column of Mozingo Lake”
- Ashton Reuter, “Blue Jay Activity on NWMSU Campus One Hour Before Sunrise and Right at Sunrise”
- Anna Bagoly, “The Effect of Alcohol Proof on Sterilization Ability”
- Samantha Templeton, “Diversity of Beak Morphology of Sea Turtles with Correlations to Diet”
- Lauren King, “Student Knowledge of Chlamydia and Gonorrhea”
- Cassandra Alfstad, “The Effect of Sunscreen in Aquatic Environments”
- Brendan Kelemen, “The Effects of Caffeine on Plant Growth”
- Jeremy Meyer, “Hungry, Hungry Hippos: Competitive Motivation For Losing Weight”

Dr. Leticia Cabrera, Research Seminar Presentations

- Brooke Fleischman, “Microplastic Effect on Plant Growth”
- Colin Brewer, “Artificial Light Source and the Effects on Growth”
- Abigail Bergstrom, “Influence of Pet Affection on Heart Rate”
- Lacey Haughton “The Effect of pH on the Microbial Growth of *Escherichia coli*”
- Sofia Schleppebach, “Bacitracin vs. Neosporin Ointments on *Staphylococcus aureus* Preventative Treatment”
- Madeline Bruder, “The Antimicrobial Effects of Thyme, Oregano, Ginger, Garlic Powder, and Basil on *Escherichia coli*”
- Alyssa Lincoln, “The Effect of Detoxifying Tea on Overall Body Toxicity”
- Rijan Basnet, “Sunlight and plant growth”
- Sheevam Thapa, “Role of Vitamin C in Plant Growth”
- Chase Santua, “The Effect of Organic and Inorganic Fertilizer on the Growth Rate of *Pisum Sativum*”
- Leah Holt, “The Influence of Gender on Peripheral Vision”
- Mark Pace, “Bacteriocidal Potency of *Bacillus Subtilis* as Influenced by Exposure to Other Bacteria during Incubation”
- Aubrey Hollman, “The Effects of Bacterial Growth in the Presence of Silver”
- Kassandra Erazo, “Effectiveness of Hard and Liquid Soap”
- Gloria Hanrahan, “The Effect of Sucrose on the Longevity of Freshly Cut Carnations”
- Pasang Gyalzen Sherpa, “Efficiency of Commercial Mouth Wash on Killing Oral Plaque”
- Maria Dentlinger, “Effect of Dehydration on Sports Performance of Northwest Men’s Basketball Team”
- Makaria Kirianov, “The Effect of Different Types of Laundry Detergent on the Growth of *Euglena gracilis*”
- Haelee Shady, “The Effect of Name Brand versus Generic Brand Acetaminophen”
- Kearstin Stimmel, “The Effect of Acidic and Alkaline Spices on the Rate of Fungal Growth”
- Rachel Turner, “The Effect of Facial Wash and Facial Masks on Bacteria Growth”
- Aaron Reed, “Bang for Your Buck!”
- Brandon Klave, “The Impact of Noise on Short-Term Memory”

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; SPS president: Jatelynn Stewart)

Special thanks to the Provost’s Office for sponsoring this event!