



Undergraduate Research & Scholarship Symposium

Wednesday, April 14, 2021

FACULTY KEYNOTE SESSION

9:30 –10:30 A.M.

SESSION I: CREATIVE WRITING

(oral presentations)

10:40 A.M. – 11:40 A.M.

BREAK FOR LUNCH

11:40 A.M.–12:15 P.M.

SESSION II: CREATIVE WRITING

(oral presentations)

12:15 P.M.-1:15 P.M.

SESSION III: INDEPENDENT RESEARCH

(oral presentations)

1:30 P.M.–3 P.M.

SESSION IV: POSTER SESSION

3–4 P.M.

FACULTY KEYNOTE SESSION

9:30–10:30 A.M.

1. **Joshua Kutney:** Opening Remarks
2. **Katherine Amundsen:** “Poetic Endings: A Study of Last Lines, Craft and Revision”
3. **Thomas Gentine:** "Finding Common Ground over Common Water"
4. **Brett Killion:** “Does Money Buy Happiness?”
5. **Karin Miofsky:** “Race, Ethnicity, Gender and Violent Victimization”
6. **Brian Murphy:** “Using Mathematics to Model Infectious Diseases”

SESSION I: CREATIVE WRITING *(oral presentations)*

10:40 A.M. – 11:40 A.M.

“The Fictioneers”

1. **Michael Grabe**
2. **Jensen Burkouricz**
3. **Parker Brasch**
4. **Alyssa Olsen**
5. **Olivia Lehman**

BREAK FOR LUNCH

11:40 A.M.-12:15 P.M.

SESSION II: CREATIVE WRITING *(oral presentations)*

12:15 P.M.-1:15 P.M.

1. **Megan Austreng:** “The Everests”
2. **Jensen Bukourisz:** "Heading Home"
3. **Beverly Foster:** “Halfbred”
4. **Heather Vrba:** “The Human of Adhafera”

SESSION III: INDEPENDENT RESEARCH *(oral presentations)*

1:30 P.M.–3 P.M.

1. **Tia Hoisington:** “Evaluating Female Fertility Knowledge Amongst Lakeland’s Undergraduate Population”
2. **Kaylee Zipperer:** “Educational Challenges for Students on the Autistic Spectrum”
3. **Elyse Schimelfenig:** “Assessment of Quality Grading Bovine Embryos for In Vitro Transfer”
4. **Tia Hoisington:** “Exploring Ethanol Toxicity of Different Yeast Brewing Strains”

SESSION IV: POSTER SESSION

3–4 P.M.

1. **Brian R. Biggs, H.L. Frisk, M.E. Gold, M. Ramminger and W.P. Ebben.** Kinetic and kinematic features of the hang clean performed with a variety of loads.
2. **Megan E. Gold, H.L. Frisk, B.R. Biggs, M.J. Blankenship and W.P. Ebben.** Determining the optimal load for plyometric exercises.

3. **Alicia L. Thone, H.L. Frisk, R.L. Jensen and W.P. Ebben.** Sex-based analysis of sprint acceleration.
4. **Hunter L. Frisk, D.S. Farmen, A. Kossow, T.G. Dechiara and W.P. Ebben.** The role of shoe sole durometer on jumping kinetics.
5. **Alicia L. Thone, H.L. Frisk, R.L. Jensen and W.P. Ebben.** Spatial, temporal and kinetic variables during the early acceleration phase of sprinting.
6. **Madison J. Blankenship, H.L. Frisk, E.M. Martin and W.P. Ebben.** Sex-based analysis of the biomechanics of pitching.
7. **Hunter L. Frisk, M.J. Blankenship, E.M. Martin and W.P. Ebben.** Biomechanical analysis of the fastball thrown from the wind-up and the stretch.
8. **Megan E. Gold, G.T. Duffin, J.R. Shevalier, A.M. Stockero, N.M. Primas and W.P. Ebben.** Kinetic analysis of traditional and horizontal hang clean.
9. **Colleen A. Burke, A.L. Thone and W.P. Ebben.** Job and career satisfaction is related to physical, mental and relational well-being of occupational therapists.
10. **Colleen A. Burke, A.L. Thone and W.P. Ebben.** Job responsibilities and satisfaction of American occupational therapists.
11. **Colleen A. Burke, A.L. Thone and W.P. Ebben.** Background and position profile of American occupational therapists.
12. **Madison J. Blankenship, H.L. Frisk and W. P. Ebben.** Sources of stress and coping strategies of physical therapists during the COVID-19 pandemic.
13. **Madison J. Blankenship, A.L. Thone and W. P. Ebben.** Job and career satisfaction is related to physical, mental and relational well-being of physical therapists.
14. **Madison J. Blankenship, A.L. Thone and W.P. Ebben.** Job responsibilities and satisfactions of American physical therapists.
15. **Alicia L. Thone, M.J. Blankenship and W.P. Ebben.** Educational background and position profile of American physical therapists.
16. **Alicia L. Thone, M. J. Blankenship and W.P. Ebben.** Impact of productivity standards and documentation requirements on American physical therapists.
17. **Katie Dietrich, T. Hoisington, W. Marcy and J. McGivern.** Oxidation of Alcohol to produce benzaldehyde.
18. **Kyle Reitmeier, N. Sachman, G. Williams and J. McGivern.** Extraction of Eugenol from cloves.
19. **Jesse Peters, C. Ortman, G. Barefield and J. McGivern.** Biodiesel by esterification: Green Chemistry.
20. **Megan Gold, H. Frisk and J. McGivern.** Alcohol dehydration.
21. **Neenah Primas, A. Lira and J. McGivern.** Oxidation of benzyl alcohol to benzaldehyde.
22. **Payton Tibbot, H. Walding and J. McGivern.** Green Chemistry: Alcohol Dehydration.
23. **Abigail Kelly, M. Schwibinger, K. Potter, A. Piper, J. Farr and J.H. Kalmar.** The impact of a single semester of new language learning on creativity in college students.