### Movement Science and Public Health

*Location: Ryan Hall 181*

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<th>Time</th>
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| 1 p.m.  | Human Papillomavirus and Vaccine Knowledge, Beliefs, and Barriers to Vaccinate Among Medical and Physician Assistant Students  
Jessica Gustavson*, Julie Schommer, Rachel Reimer, Ph.D. |
| 1:20 p.m.| Review of Pathomechanics of Equinus Deformity: A Proposed Study on Outcomes and Complications Associated with Surgical Treatment  
Kristin B. Kindred*, Jordan S. Gardner, Mindi J. Feilmeier, D.P.M., FACFAS |
| 1:40 p.m.| Is Handedness Associated with Turning Preference During Gait?  
Abigail Jergenson*, Andrea Rindfleisch, Catherine Stevermer, PT, Ph.D. |
| 2 p.m.  | Changes in Stance Event Times and Rocker Duration Due to Gait Speed  
David Stapleton* and Vassiliios Vardaxis, Ph.D. |
| 2:20 p.m.| Activity Levels of Patients Post Total Hip Arthroplasty  
Daniel Johnson*, Laura Covill, D.P.T., Vassiliios Vardaxis, Ph.D. |

### Biomedical Sciences

*Location: Ryan Hall 281*

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| 1 p.m.  | Novel Fluorescent Reporters for the Stromal Interaction Molecule 1  
Timothy Underwood*, Mark VerMeer, Quang-Kim Tran, M.D., Ph.D. |
| 1:20 p.m.| Efg1/Tup1 Control of Hyphal Growth Determines Boric Acid Resistance in *Candida albicans*  
Celia Venezia*, Alex Hjelmaas, Martin Schmidt, Ph.D. |
| 1:40 p.m.| Purification and Characterization of a Putative Inveratse from *Trichomonas vaginalis*  
Michael Dirkx*, Andrew Brittingham, Ph.D., Wayne Wilson, Ph.D. |
| 2 p.m.  | Response of Salmonella Clinical Isolates to Environmental Stress Conditions  
Gregory Makar* and Samina Akbar, Ph.D. |
| 2:20 p.m.| Analysis of Depressive-Like Behaviors in Rodent Chronic Pain Models  
Mai Lan Leong, Michelle Lende*, Jennifer Giles, Vanja Duric, Ph.D. |
| 2:40 p.m.| The Effects of Moderate Intensity Exercise Training on the Incidence of Supraventricular Arrhythmias and Atrial Connexin40 Expression in Young and Aged Rats  
Zachary Kadow*, Amanda Jepson, Rachel Firkins, MBS, Ashley Davenport, Matthew Henry, Ph.D., Julia Moffitt, Ph.D. |
| 3 p.m.  | MST-312 Effect on HSV-1 Immediate Early Gene Expression  
Imran Abbasi*, Prajakta Pradhan, Marie Nguyen, Ph.D. |
| 3:20 p.m.| Analyzing the Cytotoxicity of the Telomerase Inhibitor MST-312  
Pon Dedthanou*, Prajakta Pradhan, Marie Nguyen, Ph.D. |

Presenting author in **bold** and *.*