2015 Research & Education Symposium Best Poster Awards

**Best Directed Research**
Navigating Metabolic Pathway Regulation with 3D Learning  
Marissah Wood  
Faculty Advisor: Cassidy Terrell

**Best Qualitative**
Is Cancer Predictable?  
Lynsey Guse, Lorissa Huebert, Abigail Voigt  
Courses: Integrated Biology, Introduction to Ethics, Social Justice and Ethical Decision Making, Writing Studio II

**Best Quantitative**
Effects of Hand Massages and Music/Massage Integration on Pulse Rate  
Nitya Chandiramani, Katie Palm, Thor Wirth  
Course: Anatomy & Physiology II

The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.
The annual week-long symposium, which is held every spring semester, creates a forum for Bachelor of Science in Health Sciences (BSHS) and Health Professions (BSHP) students, as well as Center for Learning Innovation (CLI) faculty presentations.

These presentations of research and other academic projects provide the unique opportunity to engage members of the larger community in scholarly discussions of the innovative research and academic endeavors at UMR.

**2016 UMR Research & Education Symposium**

Presentation Schedule
All sessions take place in University Square (room location is noted in parentheses after title).

**Monday, May 2**
9:00 am - 4:00 pm ............................................. Capstone Presentations (417)
2:30 - 4:25 pm .................................. Biology, Philosophy, Sociology, and Writing Project
Poster Session (BEST) (Third Floor Lounge)

**Tuesday, May 3**
9:00 am - 4:00 pm ............................................. Capstone Presentations (417)
11:30 am - 12:30 pm .................................. WRIT 4721: Social Media in Healthcare
Presentations (397)
2:00 - 3:00 pm ......................................... Independent Research and Directed Study
Poster Session (Third Floor Lounge)
2:00 - 3:00 pm ......................................... Independent Research and Directed Study
Presentations (414)
3:00 - 4:00 pm .................................. Student Networking Coffee and Cookies Social (419)

**Wednesday, May 4**
8:00 am - 12:30 pm ................................. BIOL 2332: Anatomy & Physiology II
Poster Session (Third Floor Lounge)
9:00 am - 4:00 pm ............................................. Capstone Presentations (417)
2:30 - 5:30 pm .................................. Biology, Philosophy, Sociology, and Writing Project
Poster Session (BEST) (Third Floor Lounge)
3:30 - 4:30 pm ......................................... Faculty Presentation - Aaron Kostko (414)

**Thursday, May 5**
9:00 am - 4:00 pm ............................................. Capstone Presentations (417)
11:30 am - 12:30 pm .................................. WRIT 4721: Social Media in Healthcare
Presentations (397)
12:45 - 1:45 pm ......................................... Faculty Presentation - Andy Petzold (398)

**Friday, May 6**
8:00 - 10:00 am ................................. BIOL 2332: Anatomy & Physiology II
Poster Session (Third Floor Lounge)
9:00 am - 12 noon ............................................. Capstone Presentation (417)
11:00 am - 1:30 pm ................................. BIOL 2332: Anatomy & Physiology II
Poster Session (Third Floor Lounge)
12:30 - 1:30 pm .................................. CLI 3950: Barriers to Health Careers Presentations (414)
1:30 - 2:30 pm .................................. Faculty Presentation - Virginia Wright-Peterson (414)

Check the website for a detailed listing.