



# Poster Presentations by Room/#



**Key:** NRC = Nursing Center Room 195, MTL = Fine Arts Center Main Theater Lobby

Poster Session Coordinators: NRC 195 = Kim Olson-Kopp, FAC MTL = Matthew Bersagel Braley

Odd #s = 2p-3p, Even #s = 3p-4p

| Poster #  | First Name                                 | Last Name                                     | Institution             | Discipline         |
|---|--|---|-------------------------|--------------------|
| NRC - 1   | Alexa                                      | Baker   | Viterbo University      | Social Work        |
| Title: Evaluation of the Implementation of Trauma Informed Approaches in K-12 Schools   |  |   |                         |                    |
| NRC - 2   | Quang Anh                                  | Nguyen  | Luther College          | Psychology         |
| Title: The effects of gender and marriage on Trauma, Meaning in Life, and Forgiveness in Haiti, Puerto and Nigeria                |  |   |                         |                    |
| NRC - 3   | Zaria                                      | Beyer   | Viterbo University      | Ethics             |
| Title: The Ethics of Vaccinations   |  |   |                         |                    |
| NRC - 4   | John                                       | Lawlis  | UW-La Crosse            | Political Science  |
| Title: Voting Against Party Interests: An Analysis of the Wisconsin State Legislature   |  |   |                         |                    |
| NRC - 5   | Harley                                     | Large   | Viterbo University      | Social Work        |
| Title: Children and Homelessness  |  |   |                         |                    |
| NRC - 6   | Alexis                                     | Salem   | Winona State University | Psychology         |
| Title: Effects of Dextromethorphan on Sign and Goal Tracking  |  |   |                         |                    |
| NRC - 7   | Sarah                                      | Eachus  | Luther College          | Psychology         |
| Title: Forgiveness as a Buffer to Psychological Distress and Negative Life Events in Guyana                                       |  |   |                         |                    |
| NRC - 8   | Abigail<br>Thomas<br>Danielle<br>Elizabeth | Benvenuto<br>Carlson<br>Langworthy<br>Schmitt | Winona State University | Psychology         |
| Title: Perceived Stress and Physical Health in La Crosse County Residents: The Intervening Effects of Education, Income, and Race |  |   |                         |                    |
| NRC - 9   | Abigail<br>Ember                           | Pickett<br>Griebling                          | Luther College          | Psychology         |
| Title: Implementing a Counseling Minor at Luther College  |  |   |                         |                    |
| NRC - 10  | Claire                                     | Trussoni                                      | Viterbo University      | English Literature |
| Title: Playing in the Woods: Harvest Moon and Pastoral Escapism   |  |   |                         |                    |
| NRC - 11  | Ingrid                                     | Christopherson                                | Luther College          | Psychology         |
| Title: Trauma, Meaning of Life, and Forgiveness in Haiti, Nigeria, and Puerto Rico  |  |   |                         |                    |

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|---|-----------------------------|--------------------------------------|--------------------------------|--------------------------------|
| <b>NRC - 12</b>   | <b>Carina<br/>Abbie</b>     | <b>Hansen<br/>Madson</b>             | <b>Luther College</b>          | <b>Psychology</b>              |
| <b>Title:</b> Trends and Potential Causes of Obesity Among Preschoolers   |                             |                                      |                                |                                |
| <b>NRC - 13</b>   | <b>Kaitlyn</b>              | <b>Kirtz</b>                         | <b>Viterbo University</b>      | <b>Social Work</b>             |
| <b>Title:</b> Perceptions of the Effectiveness of Mental Health Services in Schools   |                             |                                      |                                |                                |
| <b>NRC - 14</b>   | <b>Sarah</b>                | <b>Trandahl</b>                      | <b>Viterbo University</b>      | <b>English Writing</b>         |
| <b>Title:</b> An Ekphrastic Study of Edgar Degas' Art   |                             |                                      |                                |                                |
| <b>MTL - 15</b>   | <b>Holly</b>                | <b>Nelson</b>                        | <b>Viterbo University</b>      | <b>Nutrition and Dietetics</b> |
| <b>Title:</b> 12-Week Vegetarian Diet Intervention Effect on Inflammatory Status and Cardio-Metabolic Parameters                                  |                             |                                      |                                |                                |
| <b>MTL - 16</b>   | <b>Laura</b>                | <b>Zinnel</b>                        | <b>UW-La Crosse</b>            | <b>Mathematics</b>             |
| <b>Title:</b> Anti-Schur numbers for $x_1+x_2=x_3$ in $[n] \times [m]$  |                             |                                      |                                |                                |
| <b>MTL - 17</b>   | <b>Cullen</b>               | <b>Schull</b>                        | <b>UW-La Crosse</b>            | <b>Organic Chemistry</b>       |
| <b>Title:</b> Asymmetric Synthesis of Di- and Mono- Substituted Curcuminoids  |                             |                                      |                                |                                |
| <b>MTL - 18</b>   | <b>Daniel</b>               | <b>Johnson-Schunk</b>                | <b>UW-La Crosse</b>            | <b>Geography</b>               |
| <b>Title:</b> Biodiversity Characterization in a Native Prairie in Western Wisconsin using an Unmanned Aerial System (UAS) Imagery                |                             |                                      |                                |                                |
| <b>MTL - 19</b>   | <b>Chelsey</b>              | <b>Sloan</b>                         | <b>UW-La Crosse</b>            | <b>Geography</b>               |
| <b>Title:</b> Collection & Initial Description of Sediment Core from Mud Lake in Jefferson County, WI   |                             |                                      |                                |                                |
| <b>MTL - 20</b>   | <b>Carl</b>                 | <b>Fossum</b>                        | <b>UW-Eau Claire</b>           | <b>Biochemistry</b>            |
| <b>Title:</b> Computation of Binding Free Energy of Tryptophan-Cosolute Complexes   |                             |                                      |                                |                                |
| <b>MTL - 21</b>   | <b>Ruth</b>                 | <b>Woehle</b>                        | <b>UW-Eau Claire</b>           | <b>Chemistry and Physics</b>   |
| <b>Title:</b> Construction and Evaluation of Polycaprolactone Fibers for Drug Release Implants  |                             |                                      |                                |                                |
| <b>MTL - 22</b>   | <b>Alexander<br/>Murphi</b> | <b>Narkiewicz-Jodko<br/>Williams</b> | <b>UW-Eau Claire</b>           | <b>Biochemistry</b>            |
| <b>Title:</b> Crowding Effects on Prolyl-tRNA Synthetase Visualized via Atomic Force Microscopy   |                             |                                      |                                |                                |
| <b>MTL - 23</b>   | <b>Vanessa</b>              | <b>Czeszynski</b>                    | <b>UW-La Crosse</b>            | <b>Aquatic Biology</b>         |
| <b>Title:</b> Dissolved Organic Carbon: A Link Between Vital Processes in Streams and Lakes   |                             |                                      |                                |                                |
| <b>MTL - 24</b>   | <b>Jessica<br/>Aubrey</b>   | <b>Liebau<br/>Liew</b>               | <b>UW-Eau Claire</b>           | <b>Biochemistry</b>            |
| <b>Title:</b> Investigation of Interactions Between Protein and Poly(ethyleneglycol) using Enzyme Kinetics and Fluorescence Studies               |                             |                                      |                                |                                |
| <b>MTL - 25</b>   | <b>Breanna</b>              | <b>Murray</b>                        | <b>Winona State University</b> | <b>Organic Chemistry</b>       |
| <b>Title:</b> F-19 NMR Determination of Relative Rate Constants for Hydrogen Abstraction by p-fluorophenyl Radicals from Fatty Acid Methyl Esters |                             |                                      |                                |                                |

| <b>Poster #</b>   | <b>First Name</b> | <b>Last Name</b>    | <b>Institution</b>        | <b>Discipline</b>                  |
|---|-------------------|---------------------|---------------------------|------------------------------------|
| <b>MTL - 26</b>   | <b>Michaela</b>   | <b>Jurewicz</b>     | <b>Northland College</b>  | <b>Chemistry</b>                   |
| Title: Fluorescence in New World Flying Squirrels   |                   |                     |                           |                                    |
| <b>MTL - 27</b>   | <b>Alleah</b>     | <b>Baltzer</b>      | <b>UW-Eau Claire</b>      | <b>Mathematics</b>                 |
|   | <b>Logan</b>      | <b>Pauly</b>        |                           |                                    |
| Title: Analyzing Changes in Stock Pricing Data Using Bimodal Data   |                   |                     |                           |                                    |
| <b>MTL - 28</b>   | <b>Jennet</b>     | <b>Hojanazarova</b> | <b>Waldorf University</b> | <b>Biology</b>                     |
| Title: Morphological assays to test the functional interdependence of ALG-2 and IP3R3 in calcium regulation of ER to Golgi transport        |                   |                     |                           |                                    |
| <b>MTL - 29</b>   | <b>Megan</b>      | <b>Hickinbotham</b> | <b>UW-La Crosse</b>       | <b>Geography and Earth Science</b> |
| Title: Organic and Carbonate Content from a Lake Sediment Core, South Central Wisconsin   |                   |                     |                           |                                    |
| <b>MTL - 30</b>   | <b>Casey</b>      | <b>Sroda</b>        | <b>UW-Eau Claire</b>      | <b>Physics</b>                     |
| Title: Organic Light-Emitting Diode Fabrication and Exploration of the Organic Magnetoresistance Effect                                     |                   |                     |                           |                                    |
| <b>MTL - 31</b>   | <b>Aleah</b>      | <b>Anderson</b>     | <b>UW-Eau Claire</b>      | <b>Environmental Public Health</b> |
|   | <b>Connor</b>     | <b>Barnes</b>       |                           |                                    |
|   | <b>Josephine</b>  | <b>Killoren</b>     |                           |                                    |
| Title: Particulate Air Quality Around Wisconsin Frac Sand Mining  |                   |                     |                           |                                    |
| <b>MTL - 32</b>   | <b>Hannah</b>     | <b>Krause</b>       | <b>Viterbo University</b> | <b>Biology</b>                     |
| Title: Role of Biochemical Components of the Tumor Microenvironment on Cancer Progression   |                   |                     |                           |                                    |
| <b>MTL - 33</b>   | <b>Abby</b>       | <b>Bishop</b>       | <b>UW-La Crosse</b>       | <b>Exercise and Sport Science</b>  |
|   | <b>Cassidy</b>    | <b>McCann</b>       |                           |                                    |
| Title: The Effects of the Ketogenic Diet on Body Composition and Performance in Resistance Training Female Athletes                         |                   |                     |                           |                                    |
| <b>MTL - 34</b>   | <b>MacKenzie</b>  | <b>Christy</b>      | <b>UW-La Crosse</b>       | <b>Nutrition</b>                   |
| Title: The Effects of a Ketogenic Supplement on Body Composition and Performance in Resistance Training Women                               |                   |                     |                           |                                    |
| <b>MTL - 35</b>   | <b>Benjamin</b>   | <b>Johnson</b>      | <b>UW-Eau Claire</b>      | <b>Biochemistry</b>                |
| Title: The Effects of Monomer and Polymer Cosolutes on the Intrinsic Fluorescence of Tryptophan and Escherichia coli prolyl-tRNA synthetase |                   |                     |                           |                                    |
| <b>MTL - 36</b>   | <b>Theodore</b>   | <b>Braman</b>       | <b>Viterbo University</b> | <b>Biology</b>                     |
| Title: The Effect of Ethanol on the Microbiome and Anxious Behavior in a Rat Model  |                   |                     |                           |                                    |
| <b>MTL - 37</b>   | <b>Nico</b>       | <b>Lang</b>         | <b>UW-La Crosse</b>       | <b>Synthetic Organic Chemistry</b> |
| Title: Microwave-Assisted Efficient One-Pot Synthesis of Curcumin and Curcuminoids  |                   |                     |                           |                                    |
| <b>MTL - 38</b>   | <b>Bryan</b>      | <b>Sengbusch</b>    | <b>Viterbo University</b> | <b>Biology</b>                     |
| Title: ykkCD riboswitch mutation for fluorescent binding assays   |                   |                     |                           |                                    |

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| <b>MTL - 39</b>   | <b>Elaine</b>     | <b>Remus</b>     | <b>Viterbo University</b> | <b>Biology</b>    |
| <b>Title: Danaus plexippus Food Preferences in Correlation to Oviposition</b> |                   |                  |                           |                   |
| <b>MTL - 40</b>   | <b>Hailey</b>     | <b>Bell</b>      | <b>Viterbo University</b> | <b>Nursing</b>    |
|   | <b>Kyah</b>       | <b>Flock</b>     |                           |                   |
|   | <b>Derek</b>      | <b>Myers</b>     |                           |                   |
|   | <b>Elena</b>      | <b>Witt</b>      |                           |                   |
|   | <b>Reghan</b>     | <b>Wohlrab</b>   |                           |                   |
| <b>Title: Social Determinants of Health in Disadvantaged Populations</b>      |                   |                  |                           |                   |