

## 2024 North Dakota INBRE Symposium Schedule

### UND School of Medicine & Health Sciences – Saturday, October 12

- 7:30-8:30 am **Registration and Breakfast** (*First Floor, East Atrium/West Atrium*)  
**Poster Set-Up** (*Second Floor, Large Event Space*)
- 8:30 am **Welcome and Introductions** (*First Floor Auditorium, E101*)  
Donald A. Sens, Ph.D., Principal Investigator, ND INBRE; Professor, Dept. of Pathology  
  
Colin Combs, Ph.D., Associate Dean for Research/Chair, Biomedical Sciences
- 8:45 am **Undergraduate Presentation – Mayville State University**  
Kaitlin Ensign - *Using Simple Coumarin Fluorescent Lifetime Probes to Assess Human Serum Albumin Binding in the Presence of Medium and Long Chain Fatty Acids*
- 9:05 am **Beth Marschner, PT, DPT, ATC – Assistant Professor, Exercise Science & Rehabilitation, Minot State University**  
*Effects of Instrument Assisted Soft Tissue Mobilization on Range of Motion and Movement Patterns*
- 9:25 am **Undergraduate Presentation – Minot State University**  
Jared Hamm - *Assessing the Possible Influence of Anthropogenically-Derived Effluents on Lake Darling, North-Central North Dakota*
- 9:45 am **Undergraduate Presentation - University of Mary**  
McKenzie Haas – *Ion Homeostasis Dysregulation Attenuates Human Cancer Cell Line Proliferation*
- 10:05 am **Undergraduate Presentation – Turtle Mountain Community College**  
Shyanna LaRocque, Sabra Poitra – *Fetal C-Reactive Protein rs1205 Genotype is Not Associated with Maternal Pre-Eclampsia*
- 10:25 am **Break** (*First Floor, West Atrium*)  
**Health Professions Recruitment Day (MD, PT, OT, MLS, Athletic Training)– representatives available** (*First Floor*)
- 10:55 am **Timothy Click, Ph.D. – Assistant Professor, Chemistry and Biochemistry, Univ of Mary**  
*Proteins, Python, and ICA*
- 11:15 am **Rachel Schomaker, Ph.D. – Assistant Professor, Biology, Minot State University**  
*You are what you eat: How diet affects the gut microbiota in domesticated cockroaches.*
- 11:35 am **John Boyle, Ph.D. – Assistant Professor, Biology, Univ of Mary**  
*Secondary wing veins: a new frontier for studying the development of patterning*

- 11:55 am **Joseph Mehus – Associate Professor, Biology, Mayville State University**  
*North Dakota Mosquitoes: What’s all the Buzz About?*
- 12:15 pm **Lunch** *(First Floor, West Atrium)*
- 1:15 pm **Posters will be available for viewing starting at 1:15pm.**
- 1:15 pm **Faculty Meeting with External Advisory Committee** *(W206)*
- 1:15-2:00 pm **Medical School Panel** *(W203)*  
UND Medical Students: Mason Trahan, Grace Blair, Kaitlyn Berwald, Anna Fleming
- 2:00-2:45 pm **Graduate School Admissions** *(W203)*  
L. Keith Henry, Ph.D.  
Associate Professor, Biomedical Sciences and Chemistry  
Director of Graduate Admissions
- 2:45 -5:30 pm **Poster session** *(Second Floor, Large Event Space)*
- 5:30-open **Dinner** *(First Floor, West Atrium)*