

CREATE. INNOVATE. INSPIRE.

APRIL 5, 2023 • BEMIDJI STATE UNIVERSITY



STUDENT ACHIEVEMENT CONFERENCE 2023



BEMIDJI
STATE UNIVERSITY



MINNESOTA STATE

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STUDENT ACHIEVEMENT CONFERENCE

CREATE. INNOVATE. INSPIRE.

APRIL 5, 2023 • BEMIDJI STATE UNIVERSITY

- 10 a.m. - 11 a.m.** Opening Ceremony, Beaux Arts Ballroom
Keynote Speaker: Mark Wallert
- 11 a.m. - 12 p.m.** Oral Presentations, Hagg-Sauer Hall & Bridgeman 100
- 12 p.m. - 1 p.m.** Lunch Break • Fundraiser, AIRC
- 2 p.m. - 3:30 p.m.** Oral Presentations, Hagg-Sauer Hall & Bridgeman Hall
- 3 p.m. - 4 p.m.** Online Poster Presentations

Opening Ceremony – 10 a.m. - 11 a.m. <https://minnstate.zoom.us/j/94327397026>

- Bemidji State University's Land Acknowledgement
- Drum Circle: Ojibwe Nation Drum Group-Rodney Johnson Jr.
- Welcome - Dr. John Hoffman, President
- 2023 Student Achievement Conference Poem
"LightBulb" by Lauren Winkleman
Read by Lauren Winkleman
- 2023 Student Achievement Conference Artwork
Exhibit & Experience Design Created by Anika Norgren
- Vocal Performance "Let Beauty Awake" by Ralph Vaughan Williams (1872-1958)
Performed by Blake Staines Accompanied by Dan Will
- Keynote speaker: Dr. Mark Wallert
Introduction Travis Ricks
- Closing Remarks

Performance Night 7:30 to 9 p.m. - Carl O. Thompson Recital Hall

Accompanists: Daniel Will, piano, Sarah Carlson, piano, Denise Laaveg, piano

WELCOME



**Dr. Travis R. Ricks,
Conference Director**

It has been my pleasure to serve as the Director of the Student Achievement Conference at Bemidji State University. I believe that this conference is the highlight of the academic year. It is an opportunity for the campus to come together to share and learn about each other's academic pursuits and accomplishments. It is a time to celebrate our students. Today, BSU students will show us creations, innovations, and will inspire us to be better and improve our world. The achievements of these students are testaments to the great mentorship and passion for learning that exists across the BSU campus. Have a wonderful Student Achievement Conference and thank you for participating!



**Dr. John Hoffman,
President,
Bemidji State University**

Dear Students, I applaud you for passionately engaging with your studies and academic pursuits! It is my hope that today—and every day on campus—inspires you to innovate in pursuit of advancing your passions. Education truly is transformative, and I thank you for spending today with your peers and sharing the incredible activities that you are a part of. Through your collaborative spirit, we will continue to grow as a campus and community. Thank you for all that you do every day. I look forward to engaging more with you through the rest of this academic year. Go Beavers!

KEYNOTE SPEAKER

DR. MARK WALLERT • PROFESSOR OF BIOLOGY

Dr. Mark Wallert received his bachelor's degree in biology and chemistry from Southwest State University, Marshall, MN and his Ph.D. in Physiology from Emory University School of Medicine in Atlanta, GA. Mark was then a Post-Doctoral Fellow in the Pharmacology Department at the Mayo Clinic in Rochester, MN.

Mark was a professor at Minnesota State University Moorhead for 25 years prior to moving to Bemidji State University in 2015. During his 33 years as a professor, Mark has also been a partner in two biotechnology contract research organizations DragonTech and Polar Biotechnology Solutions as well as serving as a member of the North Dakota State University Center for Biopharmaceutical Research and Production. Additionally, he help develop the Biochemistry and Biotechnology major at MSUM and the Biochemistry, Cellular, and Molecular Biology major at BSU.

During his career, Mark has managed over \$3.1 million in funded research and education projects including eight National Science Foundation and four National Institutes of Health awards. He has mentored 6 graduate students, over 220 undergraduate students, 25 high school students and 4 high teachers on his research team. Member of the Wallert Cancer Research Team present at local, regional, and national scientific meetings as well as doing outreach to local high schools and the community. In 2005, Mark was the Carnegie Foundation for the Advancement of Teaching and Council for Advancement and Support of Education (Case) Minnesota College Professor of the Year.



ORAL PRESENTATIONS

11 a.m. – 12 p.m.

**HAGG-SAUER 109
WEBINAR****<https://minnstate.zoom.us/j/93882216893>**

11:00 – 11:15 am

Title: How Technology and Digital Experiences in the Professional Sports Fan Customer Journey Affect the Core Brand Experience

Presenter: Stella Dolan

Sponsor: Kelly La Venture

Facilitator: Cathy Williams

11:20 – 11:35 am

Title: Permutations of the Rubik's Cube

Presenter: Christian Sutlief

Sponsor: Eric Lund

Facilitator: Cathy Williams

11:40 – 11:55 am

Title: Examining Student Perceptions of Their Learning Environment in an Introductory Biology Lab

Presenter: Abigail Fountain

Sponsor: Hillary Barron

Facilitator: Cathy Williams

**HAGG-SAUER 116
WEBINAR****<https://minnstate.zoom.us/j/94650035469>**

11:00 – 11:15 am

Title: Taking a Look at Bemidji State University's Online Psychology Students' Perceptions of Heterosexual Script Endorsement, Rape Myth Endorsement, Perceived Realism, and Mental Illness Within the Media

Presenter: Cassidy Parks

Sponsor: Judith Zatkun

Facilitator: John Perlich

11:20 – 11:35 am

Title: 2022 population report of Purple Martins (*Progne subis*) in the Bemidji area of Minnesota

Presenter: Elise Jordahl

Sponsor: Brian Hiller

Facilitator: John Perlich

11:40 – 11:55 am

Title: The Communication Scholars Society: Starting, Maintaining, and Thriving as a Student Group During and After the COVID-19 Pandemic

Presenters: Cameron Burnap, Lisa McCollum, Brooke Froehle, Breck Henderson, Paiton Kothman, Gabe Davis, Seth Schrickler, Peter Dietzler, Will Gallagher, Alexis Putzier, Michael Bailey, Haley Mostad, Lily Bauer & Chloe Bean-Robillard

Sponsor: John Perlich

Facilitator: John Perlich

**HAGG-SAUER 214
WEBINAR****<https://minnstate.zoom.us/j/93420542632>**

11:00 – 11:15 am

Title: Inhibition and Disruption of *Pseudomonas aeruginosa* Biofilms using Bacteriophages

Presenter: Zachary Konsor

Sponsor: Holly LaFerriere

Facilitator: Rachel Hellmann Whitaker

11:20 – 11:35 am

Title: beMatrix JBL POP-UP Shop Exhibit

Presenter: Anika Norgren

Sponsor: Mitch Blessing

Facilitator: Rachel Hellmann Whitaker

11:40 – 11:55 am

Title: Biochemical and Structural Analysis of LINC00298 RNA, A Non-coding RNA, That When Expressed is A Genetic Risk Factor for Early Onset Alzheimer's Disease

Presenter: Angel Kenken

Sponsor: Rachel Hellmann Whitaker

Facilitator: Rachel Hellmann Whitaker

**BRIDGEMAN 100
WEBINAR****<https://minnstate.zoom.us/j/93383407726>**

11:00 – 11:15 am

Title: "We Are Listening" Monthly Surveys of Students' Experience at Bemidji State University: February 2023, Student Finances

Presenters: Christian Sipe, Maggie Warring, Kalie Sjodin, Tanya Mickolio & Kasey Bertelsen

Sponsor: Travis Ricks

Facilitator: Danielle Sullivan

11:20 – 11:35 am

Title: The Collatz Conjecture: The simplest problem without an answer

Presenters: Collin Ford & Jaden Lindeman

Sponsor: Dinush Jayasooriya

Facilitator: Danielle Sullivan

11:40 – 11:55 am

Title: American Marketing Association International Collegiate Conference 2023

Presenters: Jack Lundgren, Mitchell Nemeč, Claire Witte, Kiersten Flaig,

BreAnnene Willson & Madelyn Opdahl

Sponsor: Angie Kovarik

Facilitator: Danielle Sullivan

POSTER PRESENTATIONS

1-2 p.m.

- #1**
Title: Youth/Officer Relationships and the Likelihood of Recidivism with Negative Interactions
Poster Presenter(s): Marissa Winterlin
Sponsor: Amber Laffin
- #2**
Title: How Bemidji Area Businesses Attract and Retain Employees in a Job Loss Crisis
Poster Presenter(s): Alexander Bartley
Sponsor: Kelly La Venture
- #3**
Title: What universities in the upper Midwest are doing to prevent sexual violence
Poster Presenter(s): Macy Strandlien
Sponsor: Kelly La Venture
- #4**
Title: Funds of Knowledge Affecting Equity in Schools
Poster Presenter(s): Merideth Klingbeil
Sponsor: Danielle Sullivan
- #5**
Title: Representation Through Creative Writing
Poster Presenter(s): Isaac "Ike" Volk
Sponsor: Danielle Sullivan
- #6**
Title: Integrative Approaches to Addictions Counseling for Native Americans
Poster Presenter(s): Leslie Bellanger
Sponsor: Amanda Longie
- #7**
Title: Parent Behavior and Adolescent Substance Use
Poster Presenter(s): Tiffany Anderson
Sponsor: Amanda Longie
- #8**
Title: A Diet Comparison of Bluegill and Bluegill-Pumpkinseed Hybrids
Poster Presenter(s): Russell Zwiers
Sponsor: Andrew Hafz
- #9**
Title: How has the invasion of rusty crayfish affected the diets of yellow perch?
Poster Presenter(s): Matthew Kvam
Sponsor: Andrew Hafz
- #10**
Title: Genomic Characterization of the Pseudomonas phage KunnuSta
Poster Presenter(s): Alex Iverson
Sponsor: Holly LaFerriere
- #11**
Title: Using Infrared Trail Cameras to Analyze White-tailed Deer Demographic Changes
Poster Presenter(s): Griffin Blegen
Sponsor: Jacob Haus
- #12**
Title: Are city archery hunts limiting deer density in Bemidji, MN?
Poster Presenter(s): Jordan Francis
Sponsor: Jacob Haus
- #13**
Title: Investigating how Co-enzyme Q2 Effects Wound Healing of Human Dermal Fibroblasts
Poster Presenter(s): Mackenzie Bolduc & Maximo Rodriguez
Sponsor: Kjerstin Owens
- #14**
Title: Soil changes on upland forest sites at Itasca State Park after 55 years.
Poster Presenter(s): Fiona Clark
Sponsor: Mark Fulton
- #15**
Title: Investigating the Role of NHE-1 in the Development and Progression of Idiopathic Pulmonary Fibrosis
Poster Presenter(s): Kendra Draeger, Erin Hughes & Emma Spaeth
Sponsor: Mark Wallert
- #16**
Title: Evaluating Paclitaxel and Na⁺-H⁺ Exchanger Isoform 1 (NHE1) Inhibition in Ovarian Cancer Cells
Poster Presenter(s): Rumer Flatness & Erin Becker
Sponsor: Mark Wallert
- #17**
Title: Accelerated Aging of Numotizine©
Poster Presenter(s): Jack Larson
Sponsor: Dale Dreyer
- #18**
Title: Simple Fluorescent Probes for the Discrimination of H₂S over other Bio-thiols
Poster Presenter(s): Aaron Lisle & Caitlin Klejeski
Sponsor: Katie Peterson
- #19**
Title: Analysis of Vanillin & Magnesium concentration in Vanilla Extract.
Poster Presenter(s): Aaron Lisle & Caitlin Klejeski
Sponsor: Keith Marek
- #20**
Title: The Determination of Caffeine and Phosphate in Monster Energy Hydro
Poster Presenter(s): Jacob Muhich & Rylie Rockensock
Sponsor: Keith Marek
- #21**
Title: Determination of Caffeine and Phosphate in Starbucks Coffee
Poster Presenter(s): Baylee Iaquinto & Austyn Tobey
Sponsor: Keith Marek
- #22**
Title: The Biophysical Analysis of the Long Intergenic Non-Coding RNA 00298 and its Relationship to Early-onset Alzheimer's.
Poster Presenter(s): Emma Olson
Sponsor: Rachel Hellman-Whitaker

POSTER PRESENTATIONS

1-2 p.m.

#23

Title: Synthesis of linc00896 Utilizing Biotechnology
Poster Presenter(s): Andrew Rizea, Isabela Vannavong & Dylan Cleveland
Sponsor: Rachel Hellman-Whitaker

#24

Title: Biochemical Analysis of Non-Protein Coding RNA LINC00298 and Its Expression in Early Onset Alzheimers.
Poster Presenter(s): Joshua Storey & Ashley Jensen
Sponsor: Rachel Hellman-Whitaker

#25

Title: Affects of Climate Change on Ice on Northern Lakes with Respect to Weather
Poster Presenter(s): Tyler Miller
Sponsor: William Sea

#26

Title: How to identify minerals and gemstones based on their optical properties and the use of dichroscopes, polariscopes and petrographic microscopes
Poster Presenter(s): Anne Barich, Rachel Heintz & Trevor Wozniak
Sponsor: Miriam Rios-Sanchez

#27

Title: A Resilient Campus: Building Partnerships through the Installation of Green Infrastructure in a Collaborative Service Learning Environment
Poster Presenter(s): Elizabeth Marti & Akosia Freeman
Sponsor: Anna Carlson

#28

Title: Dental Clinic Employee Health and Wellness
Poster Presenter(s): Linnea Imhof
Sponsor: Jim White

#29

Title: Anxiety, Sleep, Position, and Risk of Injury in Elite Division II Women Soccer Student-Athletes
Poster Presenter(s): Maggie Cade & Allyson Smith
Sponsor: Jim White

#30

Title: Research on AI and Machine Learning
Poster Presenter(s): Silas Bitter, Grant Kotaska, Lukas Madson & Aaron Meyers
Sponsor: Hamdan Alabsi

#31

Title: Marketing on Social Media
Poster Presenter(s): Kyllie Dyre, Maddy Sawyer & Isabel Majewski
Sponsor: Hamdan Alabsi

#32

Title: Introducing Python to Non-CS Students
Poster Presenter(s): Michael Howard & Elias Chamma
Sponsor: Mohammed Mahmoud

#33

Title: Bemidji Computer Consortium
Poster Presenter(s): Zachary Nichols, Tyler Busta, Ethan Henrickson, Ian Jungels, Joshua Stank & Jessilyn Spears
Sponsor: Mohammed Mahmoud

#34

Title: BSU Parking Website
Poster Presenter(s): Benjamin Vossen, Ethan Bell & Cara Donnell
Sponsor: Mohammed Mahmoud

#35

Title: Public Opinion and Support on Physician Assisted Suicide
Poster Presenter(s): Emma Gottschalk
Sponsor: Patrick Donnay

#36

Title: The Cruel Case of Wrongful Convictions: Conveying a Racial and Criminal Crisis in our Courts
Poster Presenter(s): Cullen Livingston
Sponsor: Patrick Donnay

#37

Title: Does Money Matter in US House Elections?
Poster Presenter(s): Jake Matise
Sponsor: Patrick Donnay

#38

Title: Do Renewable Portfolio Standards Explain the U.S. States' Development of Wind Energy?
Poster Presenter(s): Elise Monson
Sponsor: Patrick Donnay

#39

Title: Jury Representation: Are Minnesota Counties Ensuring a Jury of Your Peers?
Poster Presenter(s): Madison Weyker
Sponsor: Patrick Donnay

#40

Title: Immigration in Rural America: Strategies for overcoming opposition
Poster Presenter(s): Andrew Hallbritter
Sponsor: Patrick Donnay

#41

Title: Judicial Diversity, Equity, and Inclusion: How Do Diverse Judges Affect Sentencing Guidelines in the State of Minnesota
Poster Presenter(s): Morgan Bausman
Sponsor: Patrick Donnay

POSTER PRESENTATIONS

1-2 p.m.

#42

Title: The Effects of Medical Malpractice Laws in the American States on Health-care Expenditures
Poster Presenter(s): Madison Fulton
Sponsor: Patrick Donnay

#43

Title: The Questionable Death of Jim Crow: How Systemic Racism Impacts Voting Accessibility by Ways of Wait Times
Poster Presenter(s): Icarus LaDuke-Lott
Sponsor: Patrick Donnay

#44

Title: Assessing Environmental Justice in Minnesota: Do Native Americans Face Disproportionate Risks?
Poster Presenter(s): Mya Schmelung
Sponsor: Patrick Donnay

#45

Title: Upholding Democracy: Black Voter Mobilization and its Impact on Political Participation and Representation
Poster Presenter(s): Angelee Smith
Sponsor: Patrick Donnay

#46

Title: How has the Covid-19 pandemic transformed the relevance of the traditional college experience?
Poster Presenter(s): Zachary Schueller
Sponsor: Patrick Donnay

#47

Title: How can Bemidji State University better serve non-traditional students?
Poster Presenter(s): Zachary Schueller
Sponsor: Dan Allosso

#48

Title: Perceived Stress and Wellness of Nursing Students
Poster Presenter(s): Shelene Head
Sponsor: Li Zhou

#49

Title: How Electroencephalograms are Advancing the Knowledge and Understanding of Alzheimer's Disease
Poster Presenter(s): Emma Reed
Sponsor: Li Zhou

#50

Title: What to treat first? Depression mediates anxiety's relationship with academic persistence
Poster Presenter(s): Kayla Nanez
Sponsor: Sarah Cronin

#51

Title: The Impact of College Experiences on a Student's Development
Poster Presenter(s): Cassidy Parks & Katelyn Jossart
Sponsor: Sarah Cronin

#52

Title: Stress Mindset's Effect on Academic Persistence
Poster Presenter(s): Christian Sipe
Sponsor: Sarah Cronin

#53

Title: Service-Learning Opportunity
Poster Presenter(s): Tia Tracy
Sponsor: Sarah Cronin

#54

Title: Examining the Structural Determinants of Missing and Murdered Indigenous Women in Indian Country
Poster Presenter(s): Tanya White
Sponsor: Ashley Charwood

#55

Title: Examining Structural Determinants of Elder Abuse in Beltrami County
Poster Presenter(s): Natalie Morrow
Sponsor: Ashley Charwood

#56

Title: Examining the Structural Determinants of Elder Abuse in Koochiching County
Poster Presenter(s): Breanna O'Loughlin
Sponsor: Ashley Charwood

#57

Title: The Social Determinants of Youth Suicide in Douglas County, Minnesota
Poster Presenter(s): Amelia Rajdl
Sponsor: Ashley Charwood

#58

Title: Examining the Social Determinants of Health and Health care within the LGBTQ community
Poster Presenter(s): Cheyenne Smith
Sponsor: Ashley Charwood

#59

Title: Examining the Structural Determinants of Mental Health Among Vulnerable Adults in Morrison County
Poster Presenter(s): Jaylin Strack
Sponsor: Ashley Charwood

#60

Title: Examining the Structural Determinants of Mental Health Stigma in Beltrami County
Poster Presenter(s): Kaitlyn Zaic
Sponsor: Ashley Charwood

#61

Title: Examining The Structural Determinants Of Adolescents Needing Substance Use Services In Hubbard County
Poster Presenter(s): Kara Lawhorn
Sponsor: Ashley Charwood

ORAL PRESENTATIONS

CONTINUED 2-3:30 p.m.

Use Zoom Link listed with the presentation

HAGG-SAUER 109

WEBINAR

<https://minnstate.zoom.us/j/93882216893>

2:00 – 2:15 pm

Title: The Evolution of Tanks in Military Doctrine

Presenter: Alec Johnston

Sponsor: John Ellis

Facilitator: Cathy Williams

2:20 – 2:35 pm

Title: Habits and Habitats of Minnesota's Rarest Woodpeckers

Presenter: Katelyn Bergstrom

Sponsor: Samantha Jones

Facilitator: Cathy Williams

2:40 – 2:55 pm

Title: Tactical Green Infrastructure

Presenter: Muhammad Hasnain

Sponsor: Anna Carlson

Facilitator: Cathy Williams

HAGG-SAUER 116

WEBINAR

<https://minnstate.zoom.us/j/95877410013>

2:00 – 2:15 pm

Title: How media advertisements and Instagram posts are based on the male gaze and impact an individual's racial and gender socialization.

Presenter: Janine Speight

Sponsor: Jozie Nummi

Facilitator: Amber Laffin

2:20 – 2:35 pm

Title: Twisting the Bulletproof Day

Presenter: Cassidy Parks

Sponsor: Season Ellison

Facilitator: Amber Laffin

2:40 – 2:55 pm

Title: The Sheepherder by Augusta Oakgrove

Presenter: Augusta Oakgrove

Sponsor: Kathrina O'Connell

Facilitator: Amber Laffin

HAGG-SAUER 214

WEBINAR

<https://minnstate.zoom.us/j/97850694185>

2:00 – 2:15 pm

Title: Internet of Things

Presenters: Madelyn Opdahl, Shayle Turner, Joseph Angell & Alexis Larson

Sponsor: Hamdan Alabsi

Facilitator: Rachel Hellmann Whitaker

2:20 – 2:35 pm

Title: Virtual Reality:

Presenters: Sarah Kessler, Esteban Paulino & Drew Benes

Sponsor: Hamdan Alabsi

Facilitator: Rachel Hellmann Whitaker

2:40 – 2:55 pm

Title: Creative Writing Panel

Presenters: Gordon Hess & Lauren Winkelman

Sponsor: Chad Abushanab

Facilitator: Rachel Hellmann Whitaker

BRIDGEMAN 100

WEBINAR

<https://minnstate.zoom.us/j/94749913963>

2:00 – 2:15 pm

Title: Investigating the Regulation of the Na⁺-H⁺ Exchanger Isoform 1 (NHE1) by Palmitoylation and Phosphorylation.

Presenter: Hannah Leffelman

Sponsor: Mark Wallert

Facilitator: Danielle Sullivan

2:20 – 2:35 pm

Title: The Importance of Creative Writing and Transformative Work in the ELA Classroom

Presenter: Hannah Lewis

Sponsor: Danielle Sullivan

Facilitator: Danielle Sullivan

2:40 – 2:55 pm

Title: Progress of an art project

Presenter: Ogimaa Chalmers

Sponsor: Eric Carlson

Facilitator: Danielle Sullivan

3:00 – 3:30 pm

Title: We are your problem students: Perspectives of students with disabilities

Presenters: Katelyn Heuer, Nicole Donley, Lily Trinkaus, James Benfante, Crystal Kastl,

Professor Thomas P Dirth & Professor Amanda T Longie

Sponsor: Katelyn Heuer & Danielle Sullivan

Facilitator: Danielle Sullivan

ONLINE POSTER PRESENTATION

3-4 p.m.

Online Address:

Passcode:

#1

Title: Disability Models as they relate to Inaccessibility Awareness and Emotional Outcomes
 Presenter: Shannon Fryer
 Sponsor: Thomas Dirth

#3

Title: Funds of Knowledge
 Presenters: Emily Covington & Abby Kessel
 Sponsor: Danielle Sullivan

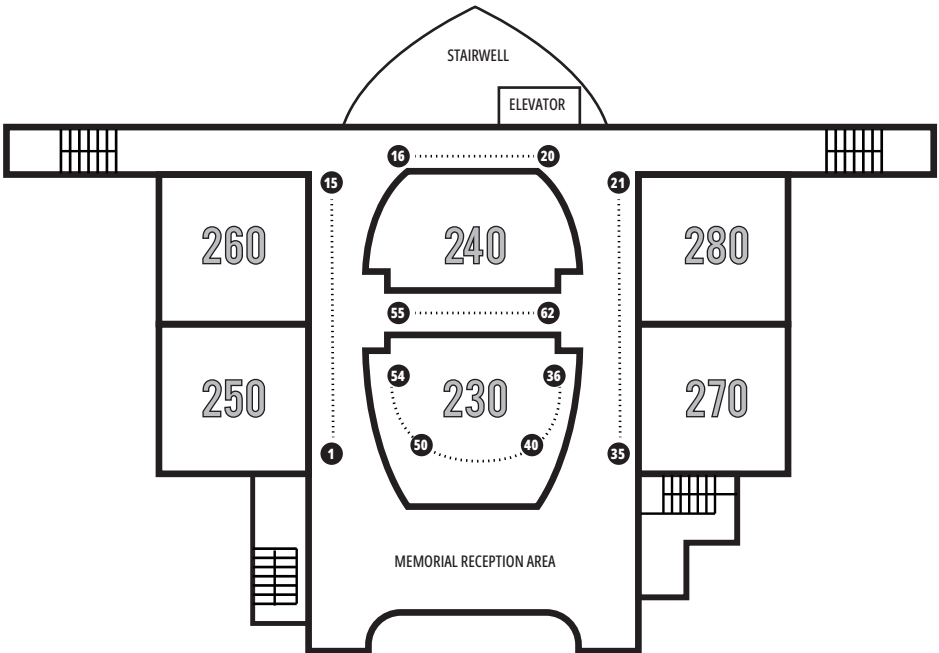
#2

Title: Passive Discrimination: Implicit Attitudes and Behavioral Reactions of Non-disabled Individuals Towards Those with Disabilities
 Presenter: Martha LaBine
 Sponsor: Thomas Dirth

#4

Title: Funds of Knowledge in the Classroom
 Presenter: Bailey Watne
 Sponsor: Danielle Sullivan

CLASSROOMS



PRACTICAL APPLICATION PRESENTATIONS

Title: **Unified University Games: Basketball Tournament- Special Olympics**
Presenters: Vincent Robinson, Tori Bott, Alexis Erickson, Garrett Goeden, Duaquan Mackey, Grace Bergland, Claire Vekich, Jayce Lowman, Parker Maki
Sponsor: Sherry Holloway
Time: 10:30-1:00 pm
Location: Gillett Wellness Center Courts #1 & #2

Title: **Pediatric Simulation Fracture/Suspected Child Abuse**
Presenters: Tessa Tramm, Briella Wempner, Elizabeth McDonald
Sponsor: Nicole Johnson & Ashly Bliss
Time: 11-12 and 2-3
Location: Nursing Lab in Benson

EXHIBITS 1-2 p.m.

Memorial 260

Title: Exhibit & Experience Design
Creator(s): Anika Norgren
Sponsor: Dr. Sachel Josefson
Time: 1:00-2pm
Location: Memorial 260

Title: Exhibit & Experience Design
Creator(s): Maddie Beaver
Sponsor: Dr. Sachel Josefson
Time: 1:00-2pm
Location: Memorial 260

Title: 3D Model Building
Creator(s): Matthew Harnell
Sponsor: Prof. Drew Graham
Time: 1:00-2pm
Location: Memorial 260

Title: Graphic Design & Typography
Creator(s): Jackson Struck
Sponsor: Dr. Bonnie Higgins
Time: 1:00-2pm
Location: Memorial 260

Title: Illustration
Creator(s): Gabrielle Nestaval
Sponsor: Prof. Mitch Blessing
Time: 1:00-2pm
Location: Memorial 260

Title: Illustration
Creator(s): Ogimaa Chalmers
Sponsor: Prof. Eric Carlson
Time: 1:00-2pm
Location: Memorial 260

Title: Printmaking & Multimedia
Creator(s): Ogimaa Chalmers
Sponsor: Prof. Mitch Blessing
Time: 1:00-2pm
Location: Memorial 260

STUDENT ACHIEVEMENT COMMITTEE

Travis Ricks
 Hilary Leonard
 Owen Besancon
 Danielle Sullivan
 Cathy Williams
 Rachel Hellmann Whitaker
 Kelly La Venture
 Julie Larson
 John Perlich
 Kristina Cirks

ADDITIONAL SUPPORT

Academic Affairs
 Office of the President
 Communications and Marketing
 Information Technology Services
 Paul Bunyan Broadcasting
 BSU Academic Support Team
 Additional Fundraisers

FACILITATORS AND STUDENT SPONSORS

Listed in the Oral Presentations
 and Poster Session Sections

PERFORMANCE NIGHT • Carl O. Thompson Recital Hall • 7:30 - 9 p.m.

ACCOMPANISTS: *Daniel Will, piano, Sarah Carlson, piano, Denise Laaveg, piano*

Concerto in G Riley Farria, viola	Georg Philipp Telemann (1681-1767)	Praeludium and Allegro in the Style of Pugnani Homayoun Eslaminazari, violin	Fritz Kreisler (1875-1962)
Lascia ch'io pianga	G. F. Handel (1685-1759)	Bella siccome un angelo	Gaetano Donizetti (1797-1848)
Una donna a quindici anni Hailee Colgrove, voice	W. A. Mozart (1756-1791)	The Roadside Fire Zhicheng He, voice	Ralph Vaughan Williams (1872-1958)
Der Doppelgänger	Franz Schubert (1797-1828)	Mon cadavre est doux comme un gant Anna Wetrosky, voice Denise Laaveg, piano	Francis Poulenc (1899-1963)
Der Wanderer Carson Binkley, voice	Franz Schubert (1797-1828)	Stillness Paul Papenfuss, marimba Sarah Urschel, flute	Robert Paterson (b.1970)
Gretchen am spinnrade Emily Hixon, voice	Franz Schubert (1797-1828)	At the River Bria Halvorson, voice	Aaron Copland (1900-1990)
Rigoletto Ben Bartholomew, alto saxophone Gwendoline Youso, piano	Giuseppe Verdi (1813-1901) Arr. Louis Adolphe Mayeur (1837-1894)	Sonata for Saxophone and Piano Owen Dailey, alto saxophone	Phil Woods (1931-2015)
Quand la flame de l'amour Blake Staines, voice	Georges Bizet (1838-1875)		

PERFORMANCE NIGHT LIVESTREAM LINK:

<https://livestream.com/accounts/1819302/events/10819578>

Lightbulb

Lauren Winkelman

Glass curves over
wires and gas, intestines
that spark life. The incandescence
I contain buzzes, hums, and warms. My
illumination pierces the dark and eases an
overactive imagination, yet my voltaic energy
bottled in a bulb transforms into more than a
small practicality. I float above a person's
head, a bright mind's limelight, pointing
to one symbol: chasing imagination. No
creator means no creation. Without
my being, I cannot hold the
clouds' electricity or
brighten an evergreen
tree. Experiment
after experiment,
a little light
flickers awake
because one
person dared
to dream.

Bemidji State University Land Acknowledgment

We acknowledge that Bemidji State University is located on land and water that is the current and ancestral homeland of the Ojibwe and Dakota. We acknowledge the painful history of genocide, forced assimilation and efforts to alienate the Indigenous inhabitants from their territory here. We honor and respect the many diverse Indigenous peoples still connected to this

land, retained tribal sovereignty, treaty rights and cultural resilience. Indigenous people are spiritual and physical caretakers of this land to which we all belong. Bemidji State University respects these sacred lands, stands with the community members from these Nations and will fight injustice in all its forms.

