

WEDNESDAY, APRIL 3, 2024

CREATE  
INNOVATE  
INSPIRE



**STUDENT ACHIEVEMENT** CONFERENCE 2024



BEMIDJI  
STATE UNIVERSITY



MINNESOTA STATE

# STUDENT ACHIEVEMENT CONFERENCE – APRIL 3, 2024

## Create, Innovate, Inspire

### SCHEDULE OF EVENTS

**9:30 to 10 a.m.** Breakfast- Pastries, Potatoes, Bacon, Sausage, Eggs, Coffee, Decaf, & Hot Tea

**10 to 11 a.m.** Opening Ceremony-Keynote speaker Lee Norman

**11 a.m. to 12 p.m.** Oral Presentations

**12 to 1 p.m.** Lunch-Friedbread taco sale available for purchase @AIRC

**1 to 2 p.m.** Poster Presentations

*The Online Poster Session will be available the entire day of the conference via*

*<https://app.gather.town/app/wA9iLiXhUfg3Ln8/BSU%20SAC%202024>*

*Password (case sensitive): BSU24*

**2 to 3:30 p.m.** Oral Presentations (Cont.)

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### OPENING CEREMONY

**9:30 a.m. - 11 a.m.**

- Breakfast
- Bemidji State University's Land Acknowledgement
- Drum Circle: Ojibwe Nation
- Welcome - Dr. John Hoffman, President of Bemidji State University
- 2024 Student Achievement Conference Poem: Northern Lake by Jenika Moen
- Vocal Performance: Il lacerato spirito by Giuseppe Verdi (1857) Performed by Blake Staines
- Keynote Introduction: Piper Glessing, BSU Social Work Student
- Keynote speaker: Dr. Lee Norman • Webinar Link: <https://minnstate.zoom.us/j/96688187599>
- Closing Remarks: Dr. Travis Ricks, Director of the Student Achievement Conference

## KEYNOTE SPEAKER

### Lee A. Norman, MD, MHS, MBA

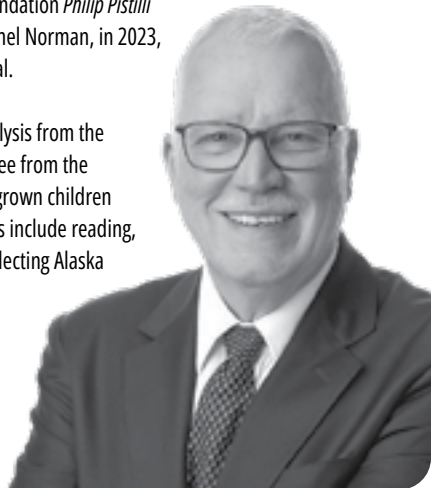
Lee A. Norman is Senior Medical Director of OptumCare Midwest Region. Optum is a Care Delivery Organization dedicated to improving the health of patients and populations by assisting medical professionals in providing the best care possible through preventive care and early disease recognition and treatment.

Norman received his social work degree from Bemidji State University and medical degree from the University of Minnesota, did his residency in family medicine in Texas, and his aerospace medicine training in the USAF at Brooks AFB, San Antonio

After serving in the USAF as a family physician, flight surgeon, and combat medicine instructor, he practiced medicine in Seattle for 20 years. Dr. Norman has served as Chief Medical Officer for over 26 years, most recently at the University of Kansas Health System. He currently is a clinical faculty member at the KU School of Medicine. He served for three years as the Secretary of the Kansas Department of Health and Environment on Governor Kelly's cabinet, additionally as the senior state health official leading the Kansas Covid-19 pandemic response. He has served on numerous boards of charitable and humanitarian organizations, including Heart to Heart International, based in Lenexa, Kansas.

Norman recently completed his military service as a US Army colonel. His USAF and Army careers spanned six decades, and it included five years of service as the State Surgeon of Kansas. In 2018 he returned from a Middle East US Army deployment where he was the 35th Infantry Division Surgeon overseeing the medical care of over 12,000 US soldiers encompassing three named operations - Freedom Sentinel, Spartan Shield, and Inherent Resolve. Norman has been awarded numerous medals and awards, including the USAF Commendation Medal, two Army Meritorious Service Medals and, in 2022, the Truman Foundation *Philip Pistilli Silver Veterans Medal* for military and civilian accomplishments. Colonel Norman, in 2023, was awarded the prestigious US Armed Forces Legion of Merit medal.

Dr. Norman has an MHS degree in health planning and systems analysis from the University of California, Davis School of Medicine, and an MBA degree from the University of Washington Graduate School of Business. He has two grown children and two grandsons. Dr. Norman is originally from Iowa. His interests include reading, cooking, canning and pickling, technical mountain climbing, and collecting Alaska Native art. He lives in Kansas City, Missouri.



# Northern Lake

by Jenika Moen

What if everything was perfect like it was when we were nine?  
And we held that knowledge in the core of our sated joint consciousness  
and believed? What if we swam all the way to Otter Island,  
a hundred feet of clear, black water fluttering under our legs?

What if we conquered, stayed out all day?  
And the last of the sunscreen slid off our skin  
as we waded knee-deep through a light lawn  
of reeds in the middle of the lake  
where crawdads cruised along their avenues  
of pale sand in peace, until we moved on  
to other islands with rocks of shaking heights?

Climbing cliffs, what if our wet swimsuits  
picked up rust-colored needles from  
eternal spruce and hemlock trees  
that clutched the dry rock with their roots  
with resolve? And one of us cut her toe,  
and one of us pulled a leech off her ankle,  
and the slow blood caressed the rocks as we climbed?  
What if we reached the top and absorbed the whole scene  
before we jumped down? We'd, swimming between  
the toothy rocks of the very best island,

play pretend that we were more than human. We'd open our eyes  
underwater and, clouded, claim we could see  
to count each others' freckles and mosquito bites.  
We wouldn't be able to help it. We'd still strive to prove our magic, little artists that we are.

# ORAL PRESENTATIONS

11:00 a.m. – 12:00 p.m.

## HAGG-SAUER 109

11:00 – 11:15 am

Title: The Social Determinants of Discrimination Against Convicted Felons Reintegrating in Society

Presenter: Jason Wells  
Sponsor: Rebecca Hoffman  
Facilitator: Kjerstin Owens

<https://minnstate.zoom.us/j/94328775613>

Passcode: HSH109-1

11:20 – 11:35 am

Title: Exploring how Self-Reported Challenges in Science Change for Students in a Biology Lab

Presenter: Sunday Akomolede  
Sponsor: Hillary Barron  
Facilitator: Kjerstin Owens

<https://minnstate.zoom.us/j/94328775613>

Passcode: HSH109-1

11:40 – 11:55 am

Title: Comparing Opinions of Wolf Management Between Biology Majors and Non-Biology Majors

Presenter: Jacob Kruger  
Sponsor: Hillary Barron  
Facilitator: Kjerstin Owens

<https://minnstate.zoom.us/j/94328775613>

Passcode: HSH109-1

## HAGG-SAUER 116

11:00 – 11:15 am

Title: ISO 9001 in Quality Management  
Presenters: Ryan Wonders, Seth Hanson, Sedrick Parker, & Lane Jensen

Sponsor: Nusrat Chowdhury  
Facilitator: Ryan Sayer

<https://minnstate.zoom.us/j/96482143089>

Passcode: HSH109-2

11:20 – 11:35 am

Title: Social Determinants of Indigenous Genocide on Turtle Island

Presenter: Mary Cross  
Sponsor: Rebecca Hoffman  
Facilitator: Ryan Sayer

<https://minnstate.zoom.us/j/96482143089>

Passcode: HSH109-2

11:40 – 11:55 am

Title: Social Determinants of Suicide Among Youths Ages 10-18

Presenter: Kelli Stigen  
Sponsor: Rebecca Hoffman  
Facilitator: Ryan Sayer

<https://minnstate.zoom.us/j/96482143089>

Passcode: HSH109-2

## HAGG-SAUER 214

11:00 – 11:15 am

Title: BSU TAD Capstone 10  
Presenters: Lane Jensen, Reed Olsen, Ty Hamre, & Elijah Gieski

Sponsor: Michael Lund  
Facilitator: Kristina Cirks

<https://minnstate.zoom.us/j/95572902529>

Passcode: HSH214\_1

11:20 – 11:35 am

Title: Rain and Thunder (Poetry)  
Presenter: Joy Tasmia (From White Earth Tribal College)

Sponsor: Allen Derks and Travis Ricks  
Facilitator: Kristina Cirks

<https://minnstate.zoom.us/j/95572902529>

Passcode: HSH214\_1:

11:40 – 11:55 am

Title: Using the Shingobee Headwaters Aquatic Ecosystems Project (SHAEP) for understanding of hydrologic systems.

Presenters: Trevor Wozniak, Laura Garcia, Kenia Rodriguez, Ricardo Alzate Soto, Sebastian Melo, Trevor Wozniak, & Rachel Heinz

Sponsor: Miriam Rios-Sanchez  
Facilitator: Kristina Cirks

<https://minnstate.zoom.us/j/95572902529>

Passcode: HSH214\_1

## BRIDGEMAN 100

11:00 – 11:15 am

Title: Indy Legends  
Presenter: Stella Dolan  
Sponsor: Kelly LaVenture

Facilitator: Danielle Sullivan

<https://minnstate.zoom.us/j/96010170899>

Passcode: Bridgeman

11:20 – 11:35 am

Title: Quality Assurance Tools  
Presenters: Luke Hendershot, Matthew Martindale, Samuel North, & Lane Meyer

Sponsor: Nusrat Chowdhury  
Facilitator: Danielle Sullivan

<https://minnstate.zoom.us/j/96010170899>

Passcode: Bridgeman

11:40 – 11:55 am

Title: A Multicultural Approach to Redesigning First-Year Composition Writing Assignments

Presenter: Elizaveta Komkova  
Sponsor: Prabin Lama  
Facilitator: Danielle Sullivan

<https://minnstate.zoom.us/j/96010170899>

Passcode: Bridgeman

# POSTER PRESENTATIONS

## 1-2 p.m.

The Online Poster Session will be available the entire day of the conference via <https://app.gather.town/app/wA9iLlXhUJfg3Ln8/BSU%20SAC%202024>  
Password (case sensitive): BSU24

#1

Title: Using the Shingobee Headwaters Aquatic Ecosystems Project (SHAEP) for understanding of hydrologic systems  
Presenters: Trevor Wozniak, Trevor Wozniak, Skylar Jensen, Brady Hartmann, Rachel Heinz, Laura Garcia, Kenia Rodriguez, Ricardo Alzate Soto, Sebastian Melo  
Sponsor: Miriam Rios-Sanchez

#2

Title: What does Agate, Amethyst and Citrine have in common?  
Presenters: Brady Hartmann, Jordyn Harvey, Ashley Crowl, & Jacob Wilson  
Sponsor: Miriam Rios-Sanchez

#3

Title: Coumarin-SDNP: A Fluorescent Probe for Hydrogen Sulfide  
Presenters: Aydin Miller & Nate Laurent  
Sponsor: Katie Peterson

#4

Title: Nature, Connectedness, and Well-being  
Presenter: Shana Bennefeld  
Sponsor: Thomas Dirth

#5

Title: Synthetic beechwood  
Presenter: Jack Larson  
Sponsor: Dale Dreyer

#6

Title: Influence of Habitat Color Contrast and Vegetative Cover on Tadpole Pigmentation  
Presenters: Hannah Johnshoy, Aurora Moen-Smith, Makaela LaFerriere, Riley Tournas, Ellen Isakson, Jack Hasty, Lane Keller, & Noah Faulstich  
Sponsor: Andrew Hafz

#7

Title: Perceptions of access of older adults to information on physical activity and motivation, through internet/web resources  
Presenter: Hailey Knutson  
Sponsor: Jim White

#8

Title: Development of NBD-Cm for Fluorescence Hydrogen Sulfide Detection  
Presenters: Amelia Scherling & Chloe Knott  
Sponsor: Katie Peterson

#9

Title: Analyzing Racial and Structural Disparities in U.S. Maternity Leave Policies  
Presenter: Edie Frantzen  
Sponsor: Patrick Donnay

#10

Title: Fishing for growth? An organic fertilizer Three Sisters experiment  
Presenters: Joy Tasmia & Mykee Brown (From White Earth Tribal College)  
Sponsors: Allen Derks & Travis Ricks

#11

Title: Ribbon Skirt  
Presenters: Deidra Berg & Lauri Zupan (From White Earth Tribal College)  
Sponsors: Allen Derks & Travis Ricks

#12

Title: Pharmaceuticals and Their Active Ingredients  
Presenters: Kaiden Diedrich, Derek Hoffman, & Ashley Jensen  
Sponsor: Keith Marek

#13

Title: Biochemical Analysis of Non-Protein Coding RNA LINC00298 and Its Expression in Early Onset Alzheimer's  
Presenters: Ashley Jensen & Emma Olson  
Sponsor: Rachel Whitaker

#14

Title: Reasons for High Rates of Native American Juveniles in Federal, State, and Judicial Systems  
Presenter: Tabitha Chilton  
Sponsor: Amber Laffin

#15

Title: How TV Genre and Perceived Realism Impact Stereotype Endorsement Around Mental Health from Students at Bemidji State University  
Presenter: Rylie Bjerklie  
Sponsor: Kristina Cirks

# POSTER PRESENTATIONS

## 1-2 p.m.

The Online Poster Session will be available the entire day of the conference via <https://app.gather.town/app/wA9iLlXhUJfg3Ln8/BSU%20SAC%202024>  
Password (case sensitive): BSU24

#16

Title: Growth and DNA Extraction of Bacteriophage KleverKIS  
Presenters: Robert Mangiamele  
Sponsor: Holly LaFerriere

#17

Title: Analyzing the Intersectionality of Race and Socioeconomics in Foster Care and Child Welfare  
Presenter: Isabella Gallardo  
Sponsor: Patrick Donnay

#18

Title: A Combination of SDH Inhibitors Decreases Pancreatic Cancer Cell Survival  
Presenters: Hallie Mertz, Emily Wade, & Lilian Wade  
Sponsor: Kjerstin Owens

#19

Title: Willingness to Attend College Athletic and its Effects on Mental Health and Belongingness  
Presenter: Quincy Mabin  
Sponsor: Travis Ricks

#20

Title: Genetic Markers of epithelial-mesenchymal transition in pancreatic cancer cells  
Presenters: Shane Atz & Lane Larson  
Sponsor: Kjerstin Owens

#21

Title: Juvenile Diversion Programs in Minnesota Counties and their Effect on Arrest Rates  
Presenter: Victoria Floden  
Sponsor: Patrick Donnay

#22

Title: Fluorescent Characterization of an Azide-Based Coumarin Probe for H<sub>2</sub>S Detection  
Presenters: Madison McCann & Quinn Hoskins  
Sponsor: Katie Peterson

#23

Title: Bioaccumulation of Mercury in Freshwater Drum and Walleye of Lower Red Lake  
Presenter: Ian Ekstrom (From Red Lake Tribal College)  
Sponsors: Tami Nendick & Travis Ricks

#24

Title: Fillet Weight Comparison of Bluegill, Black Crappie, and Yellow Perch  
Presenter: Mikenna Pattrin  
Sponsor: Andrew Hafs

#25

Title: Determining ATP concentrations in Cancerous and Noncancerous Pancreatic Cancer Cells Using a Luminometer  
Presenters: Sean Cortright & Logan Heller  
Sponsor: Kjerstin Owens

#26

Title: Synthesis of LINC00896 Utilizing Biotechnology  
Presenters: Ridge Flatness, Dylan Cleveland, Bella Vannavong, & Donovan Floyd  
Sponsor: Rachel Whitaker

#27

Title: Aquatic Vegetation Distribution to Sediment Organic Matter Content  
Presenter: Damon Cooper  
Sponsor: Andrew Hafs

#28

Title: Biochemical Characterization of LINC00896, a Non-Protein Coding RNA, Which When Expressed, Contributes to the Development of Autism  
Presenters: Trevor Rohder, Micalyn Trihus, Maycee Britz, & Jacob Hanson  
Sponsor: Rachel Whitaker

#29

Title: Do Unions and Collective Bargaining Impact Economic Inequality in OECD Nations?  
Presenter: Brady Crosby  
Sponsor: Patrick Donnay

#30

Title: Enemies in Our Fields: German Prisoners of War in Moorhead, Minnesota During World War II  
Presenter: Fia Larsen  
Sponsor: Dan Allosso

# POSTER PRESENTATIONS

## 1-2 p.m. Memorial Hall 2nd Floor

The Online Poster Session will be available the entire day of the conference via <https://app.gather.town/app/wA9iLLixhUfg3Ln8/BSU%20SAC%202024>  
 Password (case sensitive): BSU24

#31

Title: How Equine Assisted-Learning Facilitates Change

Presenter: Ashley Fullerton

Sponsor: Angela Fournier

#32

Title: Habitat Use of Snowshoe Hare on the Leech Lake Reservation

Presenter: Hailey Olson

Sponsor: Jacob Haus

#33

Title: Isolation and Characterization of Bacteriophages for Medically Relevant Bacteria

Presenters: Danielle Torkkola &amp; Audrey Lindgren

Sponsor: Holly LaFerriere

#34

Title: Elucidating the Role of LINC00896 RNA in the Development of Autism Spectrum Disorder

Presenter: Ashley Stusse

Sponsor: Rachel Whitaker

#35

Title: TAD Mobile Rebuild Project

Presenters: Lane Jensen &amp; Sedrick Parker

Sponsor: Laura Buchholz

#36

Title: The Relationship Between Missed Classes and Undergraduates' Mental Health and Feelings of Belongingness

Presenters: Grant Gunderson, Grace Haglin, &amp; Evelyn Hullopeter"

Sponsor: Travis Ricks

#37

Title: Prophylactic Antibiotics in Orthopedic Surgery

Presenters: Nicole Donley, Makayla Wickham, Paige Beighley, &amp; Shannon Reigel

Sponsor: Kristina Cirks

#38

Title: Quality Advocates &amp; Quality Management Philosophies

Presenters: Austin Parker, Carter Moen, Michael Nelson, &amp; Grant Grochow

Sponsor: Nusrat Chowdhury

#39

Title: Empowering Students with Lean Six Sigma &amp; DMAIC Methodology

Presenters: Daniela Chulia, Ellie Holmberg, Jacob Slough, &amp; Anne Barich

Sponsor: Nusrat Chowdhury

#40

Title: Anorexia in College-Age Women

Presenter: Kendra Scholz

Sponsor: Jacob Erickson

#41

Title: The Social Determinants of Homelessness

Presenter: Caleb Pearson

Sponsor: Rebecca Hoffman

#42

Title: The Social Determinants of Child Abuse and Neglect

Presenter: Julianna Aleman

Sponsor: Rebecca Hoffman

#43

Title: The Social Determinants of Adverse Childhood Experiences

Presenter: Aurora Watson

Sponsor: Rebecca Hoffman

#44

Title: Social Determinants of Child Abuse and Neglect

Presenter: Juan Palacios

Sponsor: Rebecca Hoffman



# ORAL PRESENTATIONS (CONT.)

2 p.m. - 3:30 p.m.

## HAGG-SAUER 109

2:00 – 2:15 pm

Title: Tourism Driven by Human-Animal Interaction? An Examination of YouTube Travel Vlogs from Wildlife Destinations  
Presenters: Gracy Yang & Madison Wolesky

Sponsor: Angela Fournier

Facilitator: Amber Laffin

<https://minnstate.zoom.us/j/96482143089>

Passcode: HSH109-2

2:20 – 2:35 pm

Title: Autzy, a Social Media App for People with Autism  
Presenters: Robert Mangiamele & Andrew Rizea

Sponsor: Rachel Whitaker

Facilitator: Amber Laffin

<https://minnstate.zoom.us/j/96482143089>

Passcode: HSH109-2

2:40 – 2:55 pm

Title: Examining how Perception of Wolves and Wolf Behavior Influences Student Learning

Presenter: Macy Bernard

Sponsor: Hillary Barron

Facilitator: Amber Laffin

<https://minnstate.zoom.us/j/96482143089>

Passcode: HSH109-2

## HAGG-SAUER 116

2:00 – 2:15 pm

Title: Quality Management and Process Improvement

Presenters: Nikolas Hosier, Matthew Huffman, Parker Jensen, & Tyler Czech

Sponsor: Nusrat Chowdhury

Facilitator: Todd Frauenholtz

<https://minnstate.zoom.us/j/94792967718>

Passcode: HSH116-2

2:20 – 2:55 pm

Title: Comparing the Math Game Nerdle in Fourth Grade and College Classrooms

Presenters: Lexi Heppner & Jessa Stay

Sponsor: Todd Frauenholtz

Facilitator: Todd Frauenholtz

<https://minnstate.zoom.us/j/94792967718>

Passcode: HSH116-2

## HAGG-SAUER 214

2:00 – 2:15 pm

Title: An Analysis of "Come Sail Away" and its Relation to "The Odyssey"

Presenter: Kaitlyn Seibel

Sponsor: Larry Swain

Facilitator: Miriam Rivera-Hokanson

<https://minnstate.zoom.us/j/97468504601>

Passcode: HSH214-2

2:20 – 2:35 pm

Title: The Legend of Sleepy Hollow: Fact or Fiction?

Presenter: Emma Niessink

Sponsor: Stephen Hamrick

Facilitator: Miriam Rivera-Hokanson

<https://minnstate.zoom.us/j/97468504601>

Passcode: HSH214-2

2:40 – 2:55 pm

Title: Achieving and Maintaining Quality Performance

Presenters: Evan Smith, Hannah Baker,

Abigail Gartner, & Max Grundhofer

Sponsor: Nusrat Chowdhury

Facilitator: Miriam Rivera-Hokanson

<https://minnstate.zoom.us/j/97468504601>

Passcode: HSH214-2

## BRIDGEMAN 100

2:00 – 2:45 pm

Title: People of the Environment

Program: Connecting Students to Place Through Snakes, Sugar Bush, and Sit-Spots

Panelists: Austin Crocker, Ana Lucia

Ibanez Castro, Sarah Kessler, Leone

McCullough, Michael Radziul, Hayli

Robertson, Natasha Smith, Joseph

Templeton-Smith, Emily Tiedman, Nghi

Tran, Taylor VanBuskirk, Cody Vleck,

Jaida Hunt, Kelsey Helder, Liam Collopy,

Jonathan Gates, Presley Kaiser-Shelton,

Pingua Lor, & Trevor Leppanen

Facilitator: Bill Joyce

<https://minnstate.zoom.us/j/94234036355>

Passcode: Bridgeman

# ONLINE POSTER PRESENTATION

10:00-5:00 p.m.

**Online Address:** <https://app.gather.town/app/wA9iLiXhUfg3Ln8/BSU%20SAC%202024>

**Passcode:** BSU24

#1

Title: Using the Shingobee Headwaters Aquatic Ecosystems Project (SHAEP) for understanding of hydrologic systems  
Presenters: Laura Garcia, Kenia Rodrigez, Ricardo Alzate Soto, Sebastian Melo, Trevor Wozniak, & Rachel Heinz  
Sponsor: Miriam Rios-Sanchez

#2

Title: Fillet Weight Comparison of Bluegill, Black Crappie, and Yellow Perch  
Presenter: Mikenna Pattrin  
Sponsor: Andrew Hafz

#3

Title: Empowering Students with Lean Six Sigma & DMAIC Methodology  
Presenters: Daniela Chulia, Ellie Holmberg, Jacob Slough, & Anne Barich  
Sponsor: Nusrat Chowdhury

#4

Title: Exploring Belongingness among Online and On-Campus Students at Bemidji State University  
Presenter: Kaitlyn Kaiser  
Sponsor: Travis Ricks

#5

Title: Exploring Factors that are Influencing the Selection When Purchasing Educational Technology, to Enhance Decision Making Processes  
Presenter: Erik Skei  
Sponsor: Danielle Sullivan

#6

Title: Canine Training in Fetch and Retrieve: Operant Conditioning and its Applied Use in Subduing Frenetic Random Activity Periods in a Canine Subject.  
Presenter: Shannon Fryer  
Sponsor: Angela Fournier

#7

Title: Students' Experiences of Drawing and Collaborative Learning as Pedagogical Methods in Social Studies: A Study with a Socio-cultural Approach  
Presenter: Frode Lunde  
Sponsors: HVL- Høgskulen på Vestlandet & Danielle Sullivan

#8

Title: Systemic Leadership of Development Work Related to School Absence Cases  
Presenter: Hege Bårdsen  
Sponsors: Øyvind Glosvik & Danielle Sullivan

#9

Title: Teachers' Perception of Body Image Pressure in Physical Education Among Middle School Students: A Comparative Study of Rural Schools and Urban Schools  
Presenters: Ayleen Hagen & Ingunn Andersson Olsen  
Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#10

Title: Secondary School Students Experience of Education About Life Skills  
Presenter: Kristina Erslund  
Sponsor: Danielle Sullivan

#11

Title: Video Games and Vocabulary Learning  
Presenter: Bettina Vik  
Sponsor: Danielle Sullivan

#12

Title: History, Memories and Sectarianism in a Football Rivalry  
Presenter: Ole-Andreas Sundelin-Sagdahl  
Sponsors: Sissel Rosland & Danielle Sullivan

#13

Title: Preventing Reading Difficulties and Comorbid Difficulties in Mathematics, Through Early Intervention  
Presenter: Katrine Helgaas  
Sponsors: Høgskolen på Vestlandet & Danielle Sullivan

#14

Title: Evaluating the Impact of the "Thinking Classroom" Method on Mathematical Understanding in Students with Math Difficulties  
Presenter: Erna Mikkelsen  
Sponsor: Danielle Sullivan

#15

Title: Leadership Landscape in Digital Education: School Leaders' Experiences with Artificial Intelligence  
Presenter: Christian Johnsen  
Sponsors: Ståle Bye Teslo & Danielle Sullivan

# ONLINE POSTER PRESENTATION

## 10:00-5:00 p.m.

**Online Address:** <https://app.gather.town/app/wA9iLiXhUfg3Ln8/BSU%20SAC%202024>  
**Passcode:** BSU24

#16

Title: Test Validity- How Low Literacy Students Manage in Test Situations

Presenter: Renate Litleskare

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#17

Title: Exploring the Relationship Between Screen Time and Challenging Behavior Among Primary School Children

Presenter: Vegard Tefre Skage

Sponsors: Høgskulen på Vestlandet & Danielle Sullivan

#18

Title: Sámi Language and Reading Comprehension

Presenter: Marit Sara

Sponsor: Danielle Sullivan

#19

Title: Predicting Mathematical Learning Disabilities through Music and/or Rhythm

Presenter: Arne Markhus

Sponsor: Danielle Sullivan

#20

Title: Nursery School as a Learning Organization

Presenter: Merethe Ingebrigtsen

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#21

Title: Self-Assessment in Mathematics 1P – A Review of Practice and Potential

Presenter: Lisbeth Skjervén

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#22

Title: Organization of Mentor Program for Newly Graduated Teachers in Bergen Municipality, Norway

Presenter: Wibecke Sondbø

Sponsor: Danielle Sullivan

#23

Title: Children and Artificial Intelligence

Presenters: Tor-Inge Johansen & Susanne Stav Graasvoll

Sponsor: Danielle Sullivan

#24

Title: The Impact of the Kindergarten Environment on Children with Intrusive Expressions of Anxiety

Presenter: Hanne Dale

Sponsor: Danielle Sullivan

#25

Title: Self-assessment in Vocational Subjects: Implications for Student Motivation and Learning Outcomes

Presenter: May Brit Vikdal

Sponsors: Høgskulen på Vestlandet & Danielle Sullivan

#26

Title: Project-Based Learning in Mathematics in Secondary School

Presenter: Rebekka Fosse

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#27

Title: The Concept of Play in Physical Education

Presenters: Knut Line & Hanne Larsen Line

Sponsor: Danielle Sullivan

#28

Title: Blended Learning with Lab

Presenter: Marte Østrem

Sponsor: Danielle Sullivan

#29

Title: Translanguaging in Second Language Education for Adult Learners.

Presenter: Sonja Isaachsen

Sponsor: Danielle Sullivan

#30

Title: How Does the School Leader Facilitate an Overall Systematic Training of Arithmetic in the School?

Presenter: Tori Haraldseid Houge-Thiis

Sponsors: Høgskolen på Vestlandet/Elen Instefjord & Danielle Sullivan

#31

Title: Active Participation in Physical Education

Presenter: Ingunn Sørli Verlo

Sponsor: Danielle Sullivan

#32

Title: Outdoor Education as a Learning Area

Presenter: Sigrun Helen Røttingen

Sponsor: Danielle Sullivan

## ONLINE POSTER PRESENTATION

10:00-5:00 p.m.

**Online Address:** <https://app.gather.town/app/wA9iLiXhUfg3Ln8/BSU%20SAC%202024>**Passcode:** BSU24

#33

Title: How Can Inductive Teaching Contribute to Mastery and Learning Enthusiasm in Health and Childcare Subjects?

Presenters: Beate Fossen Nordborg &amp; Anette Johnsen Knappskog

Sponsors: Elen Instefjord &amp; Danielle Sullivan

#34

Title: Contradictions in the Norwegian Education System

Presenter: Lars Erik Ravneberg

Sponsors: Grethe Nina Hestholm &amp; Danielle Sullivan

#35

Title: Bildung

Presenter: Daniel Rasdal

Sponsors: Elen Johanna Instefjord &amp; Danielle Sullivan

#36

Title: Lost in Translation?

Presenter: Vibeke Johansen Birkeland

Sponsors: Elen Johanna Instefjord &amp; Danielle Sullivan

#37

Title: Facilitation of Professional Development – A Study of School Management in the Work with the CPD Program; Physically Active Learning (PAL)

Presenter: Marion Østenstad Sandal

Sponsors: Elen Instefjord &amp; Danielle Sullivan

#38

Title: Mental Health Stigma in Law Enforcement

Presenter: Haley Peterson

Sponsor: Amber Laffin

#39

Title: Literacy Education and Second Language Learning Through Practical Tasks for Adult Immigrants

Presenter: Nina Monnier Havskov

Sponsors: Elen Johanna Instefjord &amp; Danielle Sullivan

#40

Title: Postgraduate Education for Professional Truck and Bus Drivers

Presenters: Odd Atle Skarstein &amp; Marthe Ulviksbakken

Sponsor: Danielle Sullivan

#41

Title: How Can you Achieve Higher Quality in Kindergarten through More Professional Pedagogical Management?

Presenter: Marte Ørnehaug

Sponsors: Elen Instefjord &amp; Danielle Sullivan

#42

Title: Teachers' Perceptions of Changes in the Subject of Mathematics, and How ICT Can Affect the Pupils' Learning Outcomes

Presenter: Marit Rolvsjord

Sponsors: Høgskulen på Vestlandet &amp; Danielle Sullivan

#43

Title: Exploring Student Motivation in Thinking Classrooms

Presenter: Christine Nyheim

Sponsors: Elen Instefjord &amp; Danielle Sullivan

#44

Title: Discourse and Values in the Field of Adult Education in Norway

Presenter: Britt Rødal Vikhagen

Sponsors: Elen Instefjord &amp; Danielle Sullivan

#45

Title: How to Work with Historical Empathy in Teaching About the Holocaust in School? A Qualitative Study of Teaching History in the Face of Difficult History.

Presenter: Åsmund Kvinge

Sponsor: Danielle Sullivan

#46

Title: How Can a Good Relationship Between Teacher and Student Promote Learning?

Presenter: Morten Ramberg

Sponsors: Elen Johanna Instefjord &amp; Danielle Sullivan

#47

Title: Learning Fractions in a Newtonroom

Presenter: Lillian Fluge

Sponsors: Elen Johanna Instefjord &amp; Danielle Sullivan

#48

Title: What Ensures or Hinders the Implementation of Interventions for Students with School Refusal?

Presenter: Randi Alme Tonheim

Sponsors: Elen Johanna Instefjord &amp; Danielle Sullivan

# ONLINE POSTER PRESENTATION

10:00-5:00 p.m.

**Online Address:** <https://app.gather.town/app/wA9iLiXhUfg3Ln8/BSU%20SAC%202024>

**Passcode:** BSU24

#49

Title: How do Primary School Teachers and Educational-Psychology Counselors Perceive and Experience the Collaboration with Minority-Language Parents in Rural Norway?

Presenter: Vilde Borlaug Kjørnås

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#50

Title: School Leaders Reflections on Teacher Participation and Collaboration

Presenter: Ina Skjold Lexau

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#51

Title: Teachers' Participation in the School's Development Work

Presenter: Anne-Birthe Bjørøy

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#52

Title: How Can You Achieve Higher Quality in Kindergarten Through More Professional Pedagogical Management?

Presenter: Marte Ørnehaug

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#53

Title: Leadership ABD Inclusive Education

Presenter: Inger Johanne Sørbø

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#54

Title: LESLLA Students and Text Assignments in Mathematics - "Whole-Part-Whole" Reading as a Base for Organized Teaching in the Subjects Norwegian and Mathematics

Presenters: Henrik Akse Foss-Amundsen & Karianne Akse Foss-Amundsen

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#55

Title: How Can Singing Have a Beneficial Effect on Language Learning for Adult immigrants?

Presenter: Kine Kringstad

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#56

Title: Aski Raski

Presenter: Elisabeth Waage

Sponsors: Svein Ove Lysne & Danielle Sullivan

#57

Title: Language Requirements in the Workplace From B2 to B1"

Presenter: Bjørg Irene Myrene

Sponsors: Danielle Sullivan

#58

Title: Screen Free School - Pros and Cons

Presenters: Maria Gjerdevik Tømmernes & Sunna Eidsdottir

Øgård

Sponsors: Svein Ove Lysne & Danielle Sullivan

#59

Title: Gamification in School and Private Businesses

Presenters: Hugo Hammer & Kjetil jansen Lande

Sponsors: høyskolen vestlandet & Danielle Sullivan

#60

Title: Outdoor Teaching- School Gardening- A Teaching Area from the Past for Lower Secondary School

Presenter: Alette Holmen- Brandt & Anne Tofteberg

Sponsor: Danielle Sullivan

#61

Title: How do High School Teachers Experience Collaboration with Resource Teams Concerning Students with Challenging Behavior?

Presenter: Lene Agasøster

Sponsor: Danielle Sullivan

#62

Title: The High School Teacher's Experience of Collaboration with Resource Teams Regarding Students with Challenging Behavior

Presenter: Lene Agasøster

Sponsor: Danielle Sullivan

#63

Title: Violence and Threats in the Norwegian School

Presenter: Erlend Bergo

Sponsor: Danielle Sullivan

#64

Title: How do Teachers in Primary School Experience Challenging Student Behavior?

Presenter: Sigrid Sunde Beinset

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

# ONLINE POSTER PRESENTATION

## 10:00-5:00 p.m.

**Online Address:** <https://app.gather.town/app/wA9iLiXhUfg3Ln8/BSU%20SAC%202024>

**Passcode:** BSU24

#65

Title: Early Intensive Training to Help Struggling Readers in Grades 1-4

Presenter: Jorunn Høines

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#66

Title: Students Expectations to the Subject Home Economics Secondary School

Presenter: Renathe Hatland

Sponsor: Danielle Sullivan

#67

Title: Promoting Reading Development in Pupils with Reading Difficulties: Effective Classroom Adaptions

Presenter: Vegard Lie

Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#68

Title: Balancing Birdie

Presenter: Shannon Fryer

Sponsor: Angela Fournier

#69

Title: Elder Abuse in Institutions

Presenter: Jessica Karsnia

Sponsor: Rebecca Hoffman

#70

Title: Social Determinants of Child Abuse and Neglect in Crow Wing County

Presenter: Beth Hatch

Sponsor: Rebecca Hoffman

#71

Title: Social Determinants of Veteran Mental Illness

Presenter: Joe Anderson

Sponsor: Rebecca Hoffman

#72

Title: Social Determinants of the Criminalization of Addiction in Mahnommen County

Presenter: Cherish Murray

Sponsor: Rebecca Hoffman

#73

Title: Social Determinants of Mental Illness in Adolescents in Minnesota

Presenter: Darian Carlson

Sponsor: Rebecca Hoffman

#74

Title: The Social Determinate of Child Abuse and Neglect in Nobles County, MN

Presenter: Andrea Barrios Villalta

Sponsor: Rebecca Hoffman

#75

Title: Social Determinants of Housing and Employment Discrimination Towards Felons

Presenter: Julian Rocheford

Sponsor: Julian Rocheford

#76

Title: Social Determinants of Child Abuse and Neglect

Presenter: Ashley Tomassoni

Sponsor: Rebecca Hoffman

#77

Title: The Social Determinants of Youth Homelessness

Presenter: Keshia Hunter

Sponsor: Rebecca Hoffman

#78

Title: Social Determinants of Child Abuse and Neglect in St Louis County MN

Presenter: Elizabeth Grages

Sponsor: Rebecca Hoffman

#79

Title: The Social Determinants of Child Abuse

Presenter: Brynn Boudreau

Sponsor: Rebecca Hoffman

#80

Title: Social Determination of Elder Abuse

Presenter: Holly Anderson

Sponsor: Rebecca Hoffman

# ONLINE POSTER PRESENTATION

## 10:00-5:00 p.m.

**Online Address:** <https://app.gather.town/app/wA9iLLiXhUfg3Ln8/BSU%20SAC%202024>  
**Passcode:** BSU24

#81

Title: The Social Determinants of Child Abuse and Neglect  
 Presenter: Rachel Hughes  
 Sponsor: Rebecca Hoffman

#82

Title: The Social Determinants of Elder Abuse  
 Presenter: Emily VanderVoort  
 Sponsor: Rebecca Hoffman

#83

Title: The Social Determinants of Mental Illness  
 Presenter: Mackenzie Hoffman  
 Sponsor: Rebecca Hoffman

#84

Title: The Social Determinants of Adolescent Substance Abuse in Pine County, MN  
 Presenter: Amanda Gebhart  
 Sponsor: Rebecca Hoffman

#85

Title: Cognitive Skills, and Correlation with Language Learning Difficulties in Basic Literacy Acquisition in Adult Second Language Learners with Little or No Schooling.  
 Presenter: Silje Soldal  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#86

Title: Gamification  
 Presenter: Kjetil Jansen Lande & Hugo Hammer  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#87

Title: How to guide in order to create motivation and mastery by using simulation as a pedagogical method for students in the Health worker subjekt?  
 Presenter: Elisabeth Rygg Stenhjem  
 Sponsors: Høgskolen Vestlandet & Danielle Sullivan

#88

Title: The Food and Health Subject as a Health-Promoting Subject in 9th Grade  
 Presenter: Siw Nancy Fjæreide  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#89

Title: Strengthening the Teacher-Student Relationship Through Formative Assessments  
 Presenter: Tuan Minh Nguyen  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#90

Title: Enhancing Student Motivation through Increased Physical Education  
 Presenters: Amalie Hjelme & Ivan Midtun Riisnes  
 Sponsors: Høgskulen på Vestlandet & Danielle Sullivan

#91

Title: Enhancing the Educational Situation for Youths in Child Welfare Institutions.  
 Presenter: Kjersti Vonheim  
 Sponsors: Høgskulen på Vestlandet & Danielle Sullivan

#92

Title: Newly Educated Mathematics Teachers: Experiences of Expectations in Teaching Practice  
 Presenter: Einar Nordbø  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#93

Title: Critical Thinking in Norwegian Textbooks in Social Studies  
 Presenter: Bjørn Tore Bachmann Eriksen  
 Sponsor: Danielle Sullivan

#94

Title: Lifelong Learning  
 Presenter: Anette Aske Sollid  
 Sponsors: Høgskulen på Vestlandet & Danielle Sullivan

#95

Title: Metalinguistic Awareness in Aoung Learners in Norway  
 Presenter: Truls Bjordal  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

#96

Title: The Dialogical Conversation Method (DCM) as a Tool in Student Conversations.  
 Presenter: Laila B. Grimstad  
 Sponsors: Elen Johanna Instefjord & Danielle Sullivan

# BSU UNIFIED UNIVERSITY BASKETBALL EXTRAVAGANZA

**Gillett Recreation Center • 10 a.m - 1:30 pm.**



Stop by the Gillett Recreation Center on Wednesday, April 3rd, to experience the Unified Basketball Extravaganza. Activities will be taking place from 10 to 1:30 pm.

- In courts 4 & 5, students from Bemidji High School in the Developmental Adapted Physical Education (DAPE) Unified Programs and Special Olympics community athletes will team up with students in the BSU students & athletes to compete in a round-robin basketball tournament. A trophy will be presented to the winning team.
- In court 2, Bemidji Middle School Unified Physical Education students will compete in a scrimmage basketball game under the direction of BSU DAPE & Physical Education Programs. BSU athletes will also practice gameplay. Ribbons will be given to all participants.
- In court 3, Bemidji students from Gene Dillon's Elementary Unified Physical Education will learn skills, and drills under the leadership of the BSU DAPE, & Physical Education Programs. BSU athletes will also help to prepare them for the coming year's competitions.

**Come cheer on the fun and engage in inclusive leadership and teaching.**

## 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.



**BEMIDJI**  
STATE UNIVERSITY



**MINNESOTA STATE**

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