

# COLLEGE OF NURSING & PROFESSIONAL DISCIPLINES RESEARCH & SCHOLARSHIP DAY

Undergraduate students, graduate students, and faculty from the College of Nursing & Professional Disciplines will present their research and other scholarly activities in the areas of Social Work, Nursing, and Nutrition & Dietetics.

**10:00 a.m. – 12:00 p.m. | Poster Presentations**  
**12:00 p.m. – 1:00 p.m. | CNPD Research Day Social**  
Memorial Union Ballroom

**Video Presentations from Distance Learning Students**  
Online links included in catalog.



## Hello Scholars!

*It is my pleasure to welcome you to 2023 CNPD Research & Scholarship Day.*

*Today, we recognize your hard work and your commitment to the advancement of our Nursing, Nutrition & Dietetics, and Social Work professions through research, scholarship, and creative work. Today, we proudly learn from you!*

*On behalf of the CNPD faculty... Thank you!  
Enjoy YOUR day!*



**Maridee Shogren DNP, CNM, CLC**  
Dean, Clinical Professor  
College of Nursing & Professional Disciplines  
University of North Dakota

| Poster | Presenter(s)  | Department |
|--------|---|------------|
| 101    | Rachel Blais<br>Olivia Ellingson<br>Morgan Thompson<br>Lauren Belisle<br>Bella Urhammer | Nursing    |

Vacuum-Assisted Birth in Newborns: Does Caput Succedaneum Differ?

| Poster | Presenter(s)   | Department |
|--------|--|------------|
| 102    | Emily Boysun<br>Lisette Amacher<br>Sydney Baumgartner<br>Ashle Davis<br>Kenzie Fox | Nursing    |

Does music therapy affect feelings of anxiety in cancer patients receiving treatment?

| Poster | Presenter(s)  | Department  |
|--------|---------------|-------------|
| 103    | Eric Decoteau | Social Work |

A pandemic's looming fog on Mental health and substance use.

| Poster | Presenter(s)  | Department |
|--------|---|------------|
| 104    | Harmony Downer<br>Ethan Baumgartner<br>Viktoria Bosch<br>Arynn Crockett<br>Madison Denzer | Nursing    |

Alternative and Integrative Cancer Pain Management

| Poster | Presenter(s) | Department  |
|--------|--------------|-------------|
| 105    | Ali Hastings | Social Work |

Effects of Maternity leave on attachment.

| Poster | Presenter(s)  | Department |
|--------|---|------------|
| 106    | Molly Henkes<br>Jillian A. Hjelden<br>Mason T. Jochim<br>Dalton J. Meidinger<br>Emma J. Rosin | Nursing    |

Incidence of Infection Following Joint Arthroplasty: Does Preoperative Surgical Skin Prep Have an Influence?

| Poster | Presenter(s)   | Department  |
|--------|--|-------------|
| 107    | Isaac Karikari PhD, LMSW<br>Tanis J. Walch, PhD<br>Ashley Evenson, MPH<br>Carenlee Barkdull, PhD<br>Bret Weber, PhD<br>Madeline Comeau, MS, LN<br>Delton Gabel, BSPHE<br>Stephanie Scallon, MSW<br>Mikale Kuntz, BSPHE<br>Gabrielle Wavra, MSW<br>Emily Possis, BSPHE<br>Courtney Leben, MSW<br>Haley Boushee, MSW | Social Work |

Exploring Covid-19 Vaccine Hesitancy: A Weighted Qualitative Model

| Poster | Presenter(s)   | Department  |
|--------|----------------|-------------|
| 108    | Patrick Kenneh | Social Work |

Elder abuse in the Upper Midwest States in the U.S.

| Poster | Presenter(s)   | Department |
|--------|--|------------|
| 109    | Sara Kessler<br>Courtney Hendricks<br>Grace Roberts<br>Keaton Lindgren<br>Mathew Schmidt | Nursing    |

The Accuracy of "BEFAST" in Stroke Recognition

| Poster | Presenter(s)                  | Department            |
|--------|-------------------------------|-----------------------|
| 110    | Mishal Lucido<br>Quinn Hilber | Nutrition & Dietetics |

Relation Between Vitamin D and Depressive symptoms in Adolescents

| Poster | Presenter(s) | Department  |
|--------|--------------|-------------|
| 111    | Tina Martell | Social Work |

Effectiveness of teaching Safe Date programming to youth who are exposed to domestic violence.

| Poster | Presenter(s)   | Department |
|--------|--|------------|
| 112    | Angela McCue<br>Noah Burgess<br>Greta McLagan<br>Maddie Moore<br>Sydney Schroeder<br>Bella Tighe | Nursing    |

Reducing Ventilator-Associated Pneumonia: Use of CHG Oral Cares

| Poster | Presenter(s) | Department  |
|--------|--------------|-------------|
| 113    | Megan Miller | Social Work |

Medication-Assisted Treatment as an Effective Intervention for Adults with Opioid Use Disorder

| Poster | Presenter(s)                  | Department            |
|--------|-------------------------------|-----------------------|
| 114    | McKenzie Moe<br>Larissa Baird | Nutrition & Dietetics |

Magnesium and Fibromyalgia

| Poster | Presenter(s)  | Department |
|--------|---|------------|
| 115    | Ramsey Nelson<br>Jacquelyn C. Krieger<br>Madyson P. Melgard<br>Jadyn B. Moulds<br>Kara E. Puckett<br>Jordan M. Stricker | Nursing    |

Does the Act of Breastfeeding Reduce the Risk of Respiratory Infections?

| Poster | Presenter(s)                                     | Department |
|--------|--|------------|
| 116    | Rhoda Owens, PhD, RN<br>Dawn Denny, PhD, RN, ONC | Nursing    |

Undergraduate Pre-licensure Student Learning Experiences and Professional Identity in Nursing Formation

| Poster | Presenter(s)   | Department |
|--------|--|------------|
| 117    | Christian Pederson<br>Lain Combs<br>Taylor St Louis<br>Carissa Albert<br>Eve Atwater | Nursing    |

How Blood Glucose Levels Affect Risk for Pressure Injuries in Hospitalized Adults

| Poster | Presenter(s)   | Department  |
|--------|----------------|-------------|
| 118    | Faith Petersen | Social Work |

Risk and Protective Factors of Foster Care that Affect Children's Life Outcomes

| Poster | Presenter(s)                        | Department            |
|--------|-------------------------------------|-----------------------|
| 119    | Rachel Qualley<br>Marcus Gilbertson | Nutrition & Dietetics |

Maternal Vitamin B-12 Status: Effects on the Neurocognitive Development of Offspring

| Poster | Presenter(s)   | Department |
|--------|----------------|------------|
| 120    | Odele Rajpathy | Nursing    |

Does Heavy Drinking Modify the Association  
Between Screening for Cancer and Use of E-cigarettes?  
Results from a 2016, 2018 and 2020 National Level Study

| Poster | Presenter(s)  | Department |
|--------|---|------------|
| 121    | Hayden Reitmeier<br>Nick Faul<br>Addison Hoornaert<br>Miah Roen<br>Sara Schneider | Nursing    |

Early Removal of Catheters: Does it Reduce CAUTI Rates During Hospital Stays?

| Poster | Presenter(s)                 | Department |
|--------|------------------------------|------------|
| 122    | Mary Jane Rivard, DNP, RN-BC | Nursing    |

Case Studies Creation to Teach Informatics

| Poster | Presenter(s)  | Department |
|--------|---|------------|
| 123    | Nevaeh Schmieg<br>Alexandria Grosz<br>Dylan Nelson<br>Kylie Nelson<br>Elsie Tongueu | Nursing    |

Diabetes Management in Young Athletes

| Poster | Presenter(s)  | Department  |
|--------|---------------|-------------|
| 124    | Erica Shoults | Social Work |

Motivational Interviewing

| Poster | Presenter(s)      | Department  |
|--------|-------------------|-------------|
| 125    | Clarissa Simonsen | Social Work |

How does the California model for suicidal patients in ERs compare and contrast its effectiveness to the traditional model currently used in Minnesota?

| Poster | Presenter(s)        | Department |
|--------|---------------------|------------|
| 126    | Christina Torgerson | Nursing    |

Rural Nurse Practitioner Optimization of Chronic Lower Extremity Wound Care Through Telemedicine


| Poster | Presenter(s)   | Department |
|--------|--|------------|
| 127    | Glenda Lindseth, PhD, RN FADA FAAN<br>Dawn Denny, PhD, RN, ONC | Nursing    |

Teaching Statistics Online: Comparing Competency-Based and Traditional Learning


# Video Poster Presentations

Full listing linked at: <https://cnpd.und.edu/research/rs-day.html>


OR by using the presentations associated QR codes.

| Poster | Presenter(s)  | Department  | <a href="#">View Video</a>  |
|--------|---|-------------|---|
| 201    | Amanda Brevda<br>Cedar Dancing Bull<br>Jakob Nelson | Social Work |  |

Proposal to Identify Risk Factors for Family-Facilitated Sex Trafficking of Minors in the Bakken Region of North Dakota


| Poster | Presenter(s) | Department | <a href="#">View Poster</a>   |
|--------|--------------|------------|---|
| 202    | Kara Clifton | Nursing    |  |

Rural Nurse Practitioners with Hospital Privileges and Accessibility for Inpatient Care


| Poster | Presenter(s)      | Department | <a href="#">View Video</a>   |
|--------|-------------------|------------|--|
| 203    | Elizabeth Diffely | Nursing    |  |

Training Needs Assessment for Rural Emergency Physicians and Advanced Practicing Providers




| Poster | Presenter(s)     | Department | <a href="#">View Video</a>  |
|--------|------------------|------------|---|
| 204    | Claudia Houglund | Nursing    |  |


Planning for Death: A Scoping Review of Advanced Directives and Costs Associated with End-of-Life

| Poster | Presenter(s)    | Department            | <a href="#">View Video</a>  |
|--------|-----------------|-----------------------|---|
| 205    | Cameron Kraning | Nutrition & Dietetics |  |


A Narrative Review of dehydrated foods and outdoor backpacking

| Poster | Presenter(s) | Department | <a href="#">View Video</a>   |
|--------|--------------|------------|--|
| 206    | Morgan LaVoy | Nursing    |  |


Effectiveness of Exercise Versus Cognitive Behavioral Therapy on Depressive Symptoms during the Antenatal Period

| Poster | Presenter(s)   | Department | <a href="#">View Video</a>  |
|--------|----------------|------------|---|
| 207    | Brenda Lorentz | Nursing    |  |


Screening for Barrett's Esophagus to Decrease Mortality of Esophageal Adenocarcinoma

| Poster | Presenter(s) | Department | <a href="#">View Video</a>  |
|--------|--------------|------------|---|
| 208    | Megan Miller | Nursing    |  |


Ureaplasma Screening and Treatment in Nonpregnant Women with Recurrent Bacterial Vaginosis

| Poster | Presenter(s)       | Department            | <a href="#">View Video</a>  |
|--------|--------------------|-----------------------|---|
| 209    | Pratistha Pokharel | Nutrition & Dietetics |  |


Effectiveness of Probiotics as Nutrition Intervention in ASD Population

| Poster | Presenter(s)   | Department            | <a href="#">View Video</a>   |
|--------|----------------|-----------------------|--|
| 210    | Lauren Steiner | Nutrition & Dietetics |  |


Nutrition Implications in hypermobile Ehlers-Danlos Syndrome (hEDS)/Hypermobility Spectrum Disorders (HSD) and Gastrointestinal Co-morbidities

| Poster | Presenter(s)  | Department | <a href="#">View Video</a>  |
|--------|---------------|------------|---|
| 211    | Haylie Wetzel | Nursing    |  |


Lack of Postpartum Follow-up Leads to Complications of Postpartum Depression and Anemia: A Literature Review

| Poster | Presenter(s)     | Department | <a href="#">View Video</a>  |
|--------|------------------|------------|---|
| 212    | Kimberly Winters | Nursing    |  |


Benefits of Early Ankle Brachial Index Screening for Peripheral Artery Disease in Asymptomatic High-Risk Populations

| Poster | Presenter(s)  | Department | <a href="#">View Video</a>  |
|--------|---------------|------------|---|
| 213    | Kinsey Zieman | Nursing    |  |


Antibiotic administration and childhood obesity

| Poster | Presenter(s)  | Department | <a href="#">View Video</a>   |
|--------|---------------|------------|--|
| 214    | Allison Tracy | Nursing    |  |


Botox Injections or Depakote for Patients with Chronic Migraines?

| Poster | Presenter(s)   | Department            | <a href="#">View Video</a>  |
|--------|----------------|-----------------------|---|
| 215    | Madison Musich | Nutrition & Dietetics |  |

Eating Disorders and Nutrition Knowledge

| Poster | Presenter(s) | Department            | <a href="#">View Video</a>  |
|--------|--------------|-----------------------|---|
| 216    | Kali Wake    | Nutrition & Dietetics |  |

Continuous vs. Intermittent Energy Restriction - Which is Superior?

| Poster | Presenter(s)   | Department | <a href="#">View Video</a>  |
|--------|----------------|------------|---|
| 217    | Katie Greniger | Nursing    |  |

Comparison of Effectiveness of Semaglutide vs Liraglutide as Antiobesity Medications