



2023 Research Poster Session Participant List

ELUCIDATING THE INFLUENCE OF CLIMATE CHANGE ON BUR OAK GROWTH IN NORTH DAKOTA.

*Monica J. Anderson
Division of Science*

RAPID SYNTHESIS OF N-[1-(2,4-DIFLUOROPHENYL)ETHYL]-N-METHYLFORMAMIDE

*Monica J. Anderson, Lioudmila I. Bobyleva, and Mikhail M. Bobylev
Division of Science*

NORTH DAKOTA CHILDCARE PROVIDER'S PERSPECTIVES ON OPPORTUNITIES AND MODE OF DELIVERY FOR QUALITY OF TRAINING IN EARLY CHILDHOOD DEVELOPMENT FOR IMPROVING PRACTICES

*Nichol L. Anderson and Yung-Ju 'Ruth' Chen
Department of Teacher Education and Kinesiology*

THE EFFECTS OF A COMMUNITY-BASED SHORT-TERM FUNDAMENTAL MOVEMENT PROGRAM ON PRESCHOOL-AGED CHILDREN'S FUNDAMENTAL MOVEMENT COMPETENCE

*Yung-Ju 'Ruth' Chen
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A NORTH DAKOTA CENTER FOR PERSONS WITH DISABILITIES (NDCPD) SCHOLARS PROJECT TITLED 'COLLEGE PREPARATION FOR NATIVE AMERICAN STUDENTS WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES'

*Rebecca Daigneault, Heather Travnicek, and Angi Barczik
Department of Addiction Studies, Psychology, and Social Work; in collaboration with the NDCPD Scholars Program*

UTILIZING CLASSROOM ASSIGNMENTS FOR ACTIVE LEARNING

*Ashley DeMakis
Department of Nursing*

RAPID SYNTHESIS OF N-METHYL-N-[1-(4-TRIFLUOROMETHYLPHENYL)ETHYL]FORMAMIDE

*Hassan S. Elshanbary, Lioudmila I. Bobyleva, and Mikhail M. Bobylev
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**KEEPING THE IOM'S 80% BSN GOAL ALIVE: SUPPORTING ASSOCIATE DEGREE
RNS TO ACHIEVE THEIR BSN**

Melissa Fetting

Department of Nursing

**PARENTS WITH INTELLECTUAL/DEVELOPMENTAL DISABILITIES: NORTH
DAKOTA NEEDS ASSESSMENT**

Lori Garnes, Peggy Bowers, Hope Coble, and Rachel Martinson

ND Center for Persons with Disabilities, Special Education, and Department of Nursing

**NAVIGATING THE RAPIDS: DOES A RESILIENCE TOOLKIT KEEP NURSING
STUDENTS AFLOAT?**

Lisa Krogman and Christina Nadeau

Department of Nursing

**USE OF CATECHOLAMINE REUPTAKE INHIBITORS TO ENHANCE
EPINEPHRINE DETECTION AFTER METHAMPHETAMINE STIMULATION OF
ADRENAL CELLS**

Clay Mantz, Kaitie Hanson, Spencer Gordon, Paolo Panales, Noah Keller, and Bryan Schmidt
Division of Science

**EFFECTS OF INSTRUMENT ASSISTED SOFT TISSUE MOBILIZATION ON RANGE
OF MOTION AND MOVEMENT PATTERNS**

Beth Marschner, Kelsey Higginson, and Heather Golly

Department of Teacher Education & Kinesiology

**EFFECTS OF VESTIBULAR REHABILITATION IN THE TREATMENT
OF DIZZINESS AND BALANCE DISTURBANCES AFTER CONCUSSION**

Beth Marschner, Kelsey Higginson, and Heather Golly

Department of Teacher Education & Kinesiology

**INVESTIGATING THE RELATIONSHIP BETWEEN PERSONALITY TRAITS AND
JOB SATISFACTION IN DIRECT SUPPORT PROFESSIONALS**

Lisa Michels and Evan D. Borisinkoff

Department of Special Education

**BUT IS HE A REAL MUSICIAN?: A SINGLE CASE STUDY OF A COUNTRY MUSIC
SINGER**

Kateri Miller

Division of Performing Arts

**SYNTHESIS OF N-[1-(6-METHOXY-2-NAPHTHYL)ETHYL]-N-
METHYLFORMAMIDE**

Daniela Nardelli, Lioudmila I. Bobyleva, and Mikhail M. Bobylev

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RAPID SYNTHESIS OF N-[1-(2,5-DICHLOROPHENYL)-4,4-DIMETHYLPENT-1-EN-3-YL]FORMAMIDE

*Amanda J. Neumiller, Lioudmila I. Bobyleva, and Mikhail M. Bobylev
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ASTEP ELEVATED: A GROW YOUR OWN LEADERSHIP DEVELOPMENT PILOT PROJECT FOR COLLEGE STUDENTS WITH AND WITHOUT ID/DD

*Tracey Olson
North Dakota Center for Persons with Disabilities (NDCPD)
Advancing Students Toward Education and Employment Program (ASTEP)*

PRIMARY CULTURE OF BOVINE ADRENAL CELLS FOR METHAMPHETAMINE STUDIES

*Paolo Panales, Kaitie Hanson, Spencer Gordon, Clay Mantz, Noah Keller, and Bryan Schmidt
Division of Science*

RAPID SYNTHESIS OF N-[1-(2,3-DICHLOROPHENYL)-4,4-DIMETHYLPENT-1-EN-3-YL]FORMAMIDE

*Alejandra D. Paredes Villasante, Lioudmila I. Bobyleva, and Mikhail M. Bobylev
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THE IMPACT OF TWO COMPONENTS OF STRATEGIC INTERACTIVE WRITING INTERVENTION (SIWI) ON THE WRITING SKILLS OF AN ELEMENTARY STUDENT WITH HEARING LOSS

*Holly F. Pedersen and Christina Aboudi
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LEARNING TO COLLABORATE: AN INTERDISCIPLINARY PROJECT-BASED ACTIVITY TO PREPARE PRE-SERVICE PERSONNEL FOR INCLUSION OF STUDENTS WITH DISABILITIES

*Holly F. Pedersen and Timothy E. Godfrey
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PERSPECTIVES OF SEXUALITY EDUCATION AMONG TEACHERS OF THE D/DEAF AND HARD OF HEARING

*Holly F. Pedersen and Robert Richards-Keyes
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RAPID SYNTHESIS OF N-METHYL-N-[1-(4-TRIFLUOROMETHYLPHENYL)ETHYL]FORMAMIDE

*Branden Z. Pelzer, Lioudmila I. Bobyleva, and Mikhail M. Bobylev
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ANNUAL BAT ACTIVITY IN NORTH DAKOTA VERSUS CLIMATE

*Joseph L. Pettit, Sarah Upton, and Sawyer Goodwin
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SPOKEN LANGUAGE COMPREHENSION AND NEUROCOGNITION IN SPANISH LEARNERS ABROAD

Charlotte Sophia Rammell

Division of World Languages and Cultural Studies

LITTLE TUBA ON THE PRAIRIE: AN INVESTIGATION INTO THE INFLUENCES AFFECTING NORTH DAKOTA BAND STUDENTS' MUSIC INSTRUMENT SELECTION AND ATTITUDES TOWARD THE TUBA

David Rolandson and Dianna Anderson

Division of Performing Arts

SIGNS OF MEANING: EXAMINING LITTERAE PASSIONIS IN LITURGICAL CONTEXT

Mark Singer

Division of Social Science

RAPID SYNTHESIS OF N-[1-(3,4-DICHLOROPHENYL)-4,4-DIMETHYLPENT-1-EN-3-YL]FORMAMIDE

Ryan M. Swartwout, Lioudmila I. Bobyleva, and Mikhail M. Bobylev

Division of Science

RAPID SYNTHESIS OF N-[1-(3,5-DICHLOROPHENYL)-4,4-DIMETHYLPENT-1-EN-3-YL]FORMAMIDE

Tambraye L. Trottier, Lioudmila I. Bobyleva, and Mikhail M. Bobylev

Division of Science

AN ANALYSIS OF RED PANDA ARBOREAL HABITS IN CAPTIVITY

Daniela Nardelli, Sarah Upton, and Chad Williamson

Division of Science

PHYSICAL PLACES, DIGITAL SPACES: DESIGN-BASED RESEARCH AND THE DEVELOPMENT OF LOCATION-BASED AUGMENTED REALITY

Ethan P. Valentine and Somtochukwu Ozeh

Department of Addiction Studies, Psychology, & Social Work

Department of Math & Computer Science

BUGGING OUT: PHYSIOLOGY AND BEHAVIOR OF LARVAL ANTLIONS (*VELLA AMERICANA*)

Rebecca A. Valentine, Carlie Richardson, and Chad Williamson

Department of Biology, Minot State University

Department of Biology, Ball State University

AQUATIC AND TERRESTRIAL SPACE USE IN CAPTIVE NORTH AMERICAN RIVER OTTERS (*LONTRA CANADENSIS*)

Mark Vernon, Janessa Brown, Yuden Zongtenpa, and Chad Williamson

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WEASEL BAIT EFFICACY IN WESTERN NORTH DAKOTA

*Mark Vernon, Carson Medeiros, Brennan Peters, Lynn Vick, and Chad Williamson
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RAPID SYNTHESIS OF N-ETHYL-N-[1-(4-TRIFLUOROMETHYLPHENYL)ETHYL]FORMAMIDE

*Lynn Vick, Mikhail Bobylev, and Lioudmila Bobyleva
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AN ANALYSIS OF CAPTIVE TRUMPETER HORNBILL WATER DISH HEIGHT PREFERENCE

*Lynn Vick, Fadzai Madavo, and Chad Williamson
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COMPARISONS BETWEEN NOCTURNAL AND DIURNAL FORAGING BEHAVIOR OF SHREWS IN NORTH DAKOTA

*Lynn Vick and Chad Williamson
Division of Science*

FTX – THE PLAUSIBILITY OF AN UNMODIFIED AUDIT OPINION ON AN ORGANIZATION THAT LACKS INTERNAL CONTROL; A DEEP DIVE INTO THE STANDARDS

*Nicole Wald
Department of Accounting & Finance*

COMPARING EFFECTS OF REPRESENTATIONAL FORMATS ON PROBABILITY WORD PROBLEM SOLVING

*Chenmu (Julia) Xing, Megan Bender, Taylor Smock, and Jomaira Hernandez Gonzalez
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GENERALIZED EPIDEMIOLOGICAL MATHEMATICAL MODEL OF INFECTIOUS DISEASES

*Rebecca Zeitzew, Megan Bender, and Bishnu Sedai
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ADAPTING MSU STUDENT HANDBOOK FOR STRUGGLING READERS

*Wenjing Zheng, Holly Pedersen, Tracey Olson, Ann Beste-Guldborg, Bonny Krogedal, and
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