

UNDERGRADUATE SHOWCASE

COLLEGE OF ARTS & SCIENCES

Program | December 10, 2020

The College of Arts & Sciences at the University of North Dakota is pleased to host an Undergraduate Showcase to provide students the opportunity to highlight and celebrate their research and creative activity. For fall 2020, the event is held virtually. Session information and details for joining a session(s) follows.



PRESENTATIONS AND PRESENTERS

On the Physics and Chemistry of Lithiation/Delithiation Processes of Chromium (III) Sulfide and Chromium (III) Selenide

Students: Jevin Jensen and Robert Boyd III

Faculty: Dr. Nuri Oncel, Physics & Astrophysics

Session Time: 9:30 a.m. – 10:45 a.m. Central Standard Time

Zoom Meeting Information:

<https://us02web.zoom.us/j/3061852188?pwd=OWMxRXIIL1BIaVFBSFdkcloybFpnUT09>

Meeting ID: 306 185 2188

Passcode: UND

Supernovae Distributions and their Relationships to Classes of Stars

Student: Sydney Menne

Faculty: Dr. Timothy Young, Physics & Astrophysics

Session Time: 11:00 a.m. – 12:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://und.zoom.us/j/95705670477>

Meeting ID: 957 0567 0477

Creative Science: Stitching Developmental Biology Concepts Together (Quilt)

Students: Chloe Kaelberer, Cameron Jorda, Dina Sado

Course: BIOL 378, Developmental Biology

Faculty: Dr. Diane Darland, Biology

Session Time: 11:00 a.m. – 12:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://zoom.us/j/93207297223?pwd=QUhHUGkvTExlamxaeStvblo0WXR2Zz09>

Meeting ID: 932 0729 7223

Passcode: v47Eus

Characterization of Methamphetamine-Mediated Transcriptomic Changes by Single-cell RNA-Seq of the Adult Mouse Midbrain Following D2 Dopamine Receptor Modulation

Student: Grace Rerick

Course: BIOL 489/HON 489, Research Capstone
Faculty: Dr. L.Keith Henry, Biomedical Sciences
Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time
Zoom Meeting Information: <https://und.zoom.us/j/95103103682>

Comparing Germany's Holocaust with Argentina's Dirty War

Student: Lauren Swenson
Course: HON 489, Research Capstone
Faculty: Dr. Helene Weldt-Basson, Modern & Classical Languages & Literatures
Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time
Zoom Meeting Information:
<https://und.zoom.us/j/91949543176>
Meeting ID: 919 4954 3176

Fight Against Nature: How *The Book of the City of Ladies* Fights Against the Patriarchy's Claim on the Female Gender

Student: Meghan Bird
Course: ENGL 415, Seminar in Literature
Faculty: Dr. Michelle Sauer, English
Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time
Zoom Meeting Information:
<https://und.zoom.us/j/4047591542?pwd=bktYd3VibIR2Q29jeVBNKzY5Qi9CUT09>
Meeting ID: 404 759 1542
Passcode: 0619

Medieval Scandinavian Virginity Testing

Student: Kris Lindseth
Course: ENGL 415, Seminar in Literature
Faculty: Dr. Michelle Sauer, English
Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time
Zoom Meeting Information:
<https://und.zoom.us/j/97394380717?pwd=T0hvdWpkQ0FNy1dkZUZqL0l1Snk2QT09>

Meeting ID: 973 9438 0717
Passcode: 948758

Liminality and Queer Space in Marie de France's "Bisclavret"

Student: Amanda Saligumba

Course: ENGL 415, Seminar in Literature

Faculty: Dr. Michelle Sauer, English

Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time

Zoom Meeting Information:

<https://zoom.us/j/6381069543?pwd=aWhSVWhGN3A4M0RSZFhuS3RzY3NUQT09>

Meeting ID: 638 106 9543

Passcode: GSSHw8

TITLE TBD

Student: Sav Kelly

Course: ENGL 415, Seminar in Literature

Faculty: Dr. Michelle Sauer, English

Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time

Zoom Meeting Information:

<https://und.zoom.us/j/94986350242>

Meeting ID: 949 8635 0242

The Relationships and Ownership of Women within Apollonius of Tyre

Student: Sarah Haggerty

Course: ENGL 415, Seminar in Literature

Faculty: Dr. Michelle Sauer, English

Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/7228223820>

Male Control in *The Life of Dorothea von Montau*

Student: Emily Severinson

Course: ENGL 415, Seminar in Literature

Faculty: Dr. Michelle Sauer, English

Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time

Zoom Meeting Information:

<https://zoom.us/j/99110177372?pwd=WEtVeWI4Zm1MRVFROGNHOVpmT2R0UT09>

Meeting ID: 991 1017 7372

Passcode: 570173

Dante: Sodomy and Homosexuality

Student: Austin Akset

Course: ENGL 415, Seminar in Literature

Faculty: Dr. Michelle Sauer, English

Session Time: 12:30 p.m. – 1:45 p.m. Central Standard Time

Zoom Meeting Information:

<https://us02web.zoom.us/j/6884466924?pwd=M2ZYZVJkR2VaTEhmVThGTi93OGsrQT09>

Meeting ID: 688 446 6924

Passcode: 9zWumj

Honey Production in North Dakota

Student: Brandt Bennett

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://und.zoom.us/j/94394179558?pwd=UnVlcmxtV3dCdEs0QjZrWHcwUXFNUT09>

Meeting ID: 943 9417 9558

Passcode: 399656

Tree Cover Change in Western Minnesota

Student: Matthew Mutchler

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/92674439265>

Public Land and Tourism by County in North Dakota, 2018

Student: Conrad Pederson

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://zoom.us/j/94597064529?pwd=NDhqTmdQRnRVcFY5S0pNcm54MjRvdz09>

Meeting ID: 945 9706 4529

Passcode: UND

North Dakota Cold War Missile Silos

Student: Riley Thingvold

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://und.zoom.us/j/91413128870?pwd=K29OckNoV2pHdDjnUnlyTHY4ajQ3Zz09>

Meeting ID: 914 1312 8870

Passcode: 381367

Deer Killed in Minnesota by Area in 2019

Student: Ryan Burgoyne

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information:

Meeting ID 396 789 5227

Passcode u0Uq9s

The Pathogens Behind Swimmer's Itch

Student: Taylor Chermak

Faculty: Dr. Vasyl Tkach, Biology

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/4750144521>

Visualizing Weather Warnings and Advisories in North Dakota Using GIS

Student: Mark Bresnahan

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/94436861545>

North Dakota Turn of the Century Congressional Elections (1898-1910)

Students: Cedric Reese and Jacob Rumpza

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/93680853906>

Lake Acres per county in Minnesota

Student: Brook Thompson

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/3539701396>

Factors that Influence Rent Prices in the United States

Student: William Patton

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/99637980480>

North Dakota Elementary School Map by County

Student: Xavier Maggio

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://zoom.us/j/91951711067?pwd=VVVPVDJBSjRoaVZwQ3RYV01LeWtJZz09>

Regionality of Sports in the United States

Student: James De Arman

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information:

<https://und.zoom.us/j/92553347826?pwd=WVZkM0FYcEN5YkFQT0NXM0VhS0ZYUT09>

Meeting ID: 925 5334 7826

Passcode: 559439

Economic Impacts of Oil on North Dakota

Student: Ethan Jordan

Course: GEOG 471, Cartography and Visualization

Faculty: Dr. Enru Wang, Geography & Geographic Information Science

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/94016415176>

Reconstructing Memory Lane: Closing the Gap in Care for Alzheimer's Disease

Student: Sydney Pabian

Course: BIOL 489/HON 489, Research Capstone

Faculty: Dr. Diane Darland, Biology

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/95066909166>

Using MESA Code to Simulate Stars at Differing Metallicities

Student: Cameron J Bush

Faculty: Dr. Timothy Young, Physics & Astrophysics

Session Time: 2:00 p.m. – 3:15 p.m. Central Standard Time

Zoom Meeting Information: <https://und.zoom.us/j/6739209131>

FOR GUESTS: THINGS TO KEEP IN MIND AS YOU JOIN A SESSION

Join a session via Zoom

Open or Launch Zoom.

Select “Join Meeting” or if you have a Zoom account, “Sign In” and select “Join”.

Enter the Meeting ID associated with the session you’d like to join.

OR

Simply click on the URL listed (above) for the session in which you are interested.

Ask Questions and Engage in Discussion

Please feel free to ask questions and engage the presenter(s). Guests may come and go from presenters’ Zoom sessions, in the same way they would at a face-to-face poster session. If a conversation is occurring when you join a session, feel free to listen in and ask questions.

CONTACT

If you have questions, feel free to contact:

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