

- 2024 **M. Madsen**, I. Filina, Two newly identified propagator wakes in the Southern Cascadia **Best undergraduate student poster in Physical Sciences**
- 2023 **A. Islam**, I. Filina, Tectonic history of the Diebold Knoll on Juna de Fuca plate from integrated geophysical analysis
- 2023 **A. Fernández**, I. Filina, Integrated geophysical analysis of the northern Bathymetrists seamounts in the Atlantic Ocean
- 2023 **M. Madsen**, I. Filina, Delineating submarine paleo-landslides off the coast of southern Oregon from various geophysical datasets
- 2023 **J. Wear**, I. Filina, Using magnetic data to better understand the nature of anomalously thick crust in the northeast Atlantic Ocean
- 2022 **A. Fernandez\***, I. Filina, Satellite versus marine potential fields over Bathymetrists Seamounts, <https://digitalcommons.unl.edu/respostergrad/6/>  
**Best student poster in Physical Sciences**
- 2022 **A. Islam\***, I. Filina, Processing seismic, gravity and magnetic data over Diebold knoll on the Juan de Fuca plate, <https://digitalcommons.unl.edu/respostergrad/4/>
- 2022 **M. Madsen\***, I. Filina, Summarizing scientific drilling results over Cascadia subduction zone
- 2022 **J. Wear\***, I. Filina, Analyzing the crustal nature of the Voring Plateau from seismic refraction data
- 2022 **K. Guthrie\***, I. Filina, Finalizing two new gravity base stations on UNL City Campus
- 2021 **A. Ashraf\***, I. Filina, Integrated Geophysical Analysis over the Cascadia Subduction Zone, <https://mediahub.unl.edu/media/16339> **Featured research in Physical Sciences**
- 2021 **K. Guthrie\***, I. Filina, Establishing a New Absolute Gravity Base Station Using a Relative Gravity Meter in Lincoln, NE, <https://mediahub.unl.edu/media/16295>
- 2021 **A. Fernandez\***, I. Filina, Two-Dimensional Geophysical Modeling Over Bathymetrists Seamounts, <https://mediahub.unl.edu/media/16474>
- 2021 **K. Al Farsi\***, I. Filina, Developing a database of seismic data over the Cascadia subduction zone, <https://mediahub.unl.edu/media/16231>
- 2020 **E. Jacobson\***, I. Filina, Testing a drone-based magnetic field surveying system
- 2019 **H. Botten\***, I. Filina, Variations in subsurface seismic velocities in central Nebraska determined from 2018 earthquake cluster
- 2019 **E. Parsons\***, I. Filina, Assembling the Huskers seismometer
- 2019 **E. Jacobson\***, I. Filina, Developing a drone-based magnetic field surveying system
- 2019 **P. Szopinski\***, I. Filina, Geophysical analysis of the Midcontinent Rift's subsurface structures in Southeastern Nebraska
- 2018 **C. Richardson\***, C. Burberry, I. Filina, Geologic history of the New Caledonia basin with implications for the geodynamic history of Zealandia
- 2018 **M. Liu\***, I. Filina, Integrated geophysical analysis in the northeastern Gulf of Mexico
- 2018 **L. Hartford\***, I. Filina, Subsurface modeling by integrated geophysical analysis in the Southeastern Gulf of Mexico

- 2017** **P. Szopinski\***, I. Filina, Comprehensive geophysical analysis of the Kwanza Basin of Angola, Africa
- 2017** **E. Quartoroli\***, M. Searls, I. Filina, Geophysical data analysis of the Midcontinent Rift, Nebraska
- 2017** **L. Hartford\***, I. Filina, Geophysical analysis of Southern Gulf of Mexico
- 2017** **M. Liu\***, I. Filina, Potential fields analysis in the Northeastern Gulf of Mexico