

Class of 2022 Senior Thesis Titles

Abigail Baskind

THE ROLE OF SOURCE WATER CARBONATE CHEMISTRY IN SETTING OUTGASSING IN THE SOUTHERN OCEAN IN CMIP6 MODELS

Advisers: Graeme MacGilchrist and Daniel Sigman

Galen Cadley

DIVERSITY, DISTRIBUTION AND ENVIRONMENTAL PREFERENCES OF NITRITE OXIDIZING BACTERIA IN THE ETNP

Adviser: Bess Ward

Samuel Cryan

PRESENCE AND ABUNDANCE OF SAR11-NAR GENES IN OXYGEN MINIMUM ZONES

Adviser: Bess Ward

Jakob Kintzele

FRACTURE TRANSPORT OF OCEAN WATER IN EUROPA'S COOLING ICE SHELL

Adviser: Allan Rubin

Isabel Koran

IRON OXIDE-APATITE MINERALIZATION IN THE NEW JERSEY HIGHLANDS: APATITE AS COUPLED GEOCHRONOMETER AND PETROGENETIC INDICATOR

Adviser: Blair Schoene

Hanna Szabo

POTASSIUM FRACTIONATION ACROSS OSCILLATORY ZONING IN A K-SPAR MEGACRYST, TUOLUMNE INTRUSIVE COMPLEX CA

Adviser: Blair Schoene

Yuri Tamama

TECTONICS AND SEISMICITY OF THE TAJIK BASIN

Adviser: Frederik Simons