



PRINCETON UNIVERSITY
DEPARTMENT OF GEOSCIENCES
SENIOR THESIS (Class of '24)



- Farah Sofea Azmi** Mind the (Adaptation) Gap: The Costs and Challenges of Climate Adaptation in Indonesia
C. Greig / S. Fueglistaler
- David Ban** The Robustness of Lightning Proxies for Numerical Weather Prediction and Data Assimilation
V. Ramaswamy / S. Fueglistaler
- Lao Crnkovic-Rubsamen** Poleward Migration of Observed and Simulated Tropical Cyclone Tracks in the Western Pacific
G. Vecchi / G. Villarini
- Heather Louise Madsen** Influence of Nutritional Environment on Plant Potassium and Organic Carbon Fractionation in *Arabidopsis thaliana* Plants
J. Higgins / D. Sigman
- Anna Pinkerton** Geochemistry and U-PB Geochronology of Miocene and Cambrian Units at Mpala Research Center in Laikipia County, Kenya
E. Niespolo / B. Schoene
- Nikolaus (Hugh) Shields** Predicting Global Wave Conditions via Convolutional Neural Network
L. Deike / J. Deng
- Ethan Jacob Sontarp** Electrical Double Layer Structuring of Alkali Metal Bromide Solutions at the Mica-Water Interface
I. Bourg / J. Deng
- Sophia Villacorta** Oxygen Deficiency in the Eastern Tropical North Pacific Ocean Over Glacial Cycles: Evidence from Foraminifera-Bound Nitrogen Isotopes
D. Sigman / C. Deutsch