

PODS X, 2018

Last Name	First Name	Thesis Title	University Awarding Degree	Country
Alberty	Marion	Water Mass Transport and Transformation in the Tropics and Arctic	University of California San Diego	USA
Brumer	Sophia	Wave Breaking at High Wind Speeds and Its Effects on Air-Sea Gas Transfer	Columbia University	USA
Castillo	Alma Carolina	Ocean Dynamics off the South Shore of Oahu: From Mean Circulation to Near-Inertial Waves and Submesoscale	University of Hawai'i at Manoa	USA
Cusack	Jesse	Mechanisms of Eddy Dissipation in the Southern Ocean	University of Southampton	UK
Dewey	Sarah	The Evolving Freshwater Dynamics of the Western Arctic Ocean	University of Washington	USA
Doddridge	Edward	Influence of Eddies on Vertical Transport and Nutrients in Subtropical Gyres	University of Oxford	UK
Erickson	Zachary	Physical Processes Leading to Export of Fixed Carbon out of the Surface Ocean	California Institute of Technology	USA
Jensen	Mari Fjalstad	Abrupt Changes in Sea Ice and Dynamics of Dansgaard-Oeschger Events	University of Bergen	Norway
Johnson	Leah	Stratification at Ocean Fronts	University of Washington	USA
Jones	C Spencer	The Effects of Basin Geometry on Transport, Stratification and Salinity in the Meridional Overturning Circulation	University of California San Diego	USA
Koenig	Zoé	Atlantic Water Properties and Circulation North of Svalbard in Changing Arctic	Université Pierre & Marie Curie	France
Kurtakoti	Prajvala	Preconditioning, Formation and Impact of Weddell Sea Polynya in a High-Resolution Earth System Model	Texas A&M University	USA
Levang	Sam	The Response of Global Ocean Salinity Patterns to Climate Change	Woods Hole Oceanographic Institution, Massachusetts Institute of Technology	USA
Li	Qing	Langmuir Turbulence and Its Effects on Global Climate	Brown University	USA
Li	Qian	Southern Ocean Mesoscale Eddy-Mean Flow Interaction, Mixed Layer Dynamics, and Their Relationships with the Southern Annular Mode	The Pennsylvania State University	USA
Malan	Neil	The Impact of Agulhas Current Dynamics on Shelf Waters: A Modelling Approach	University of Cape Town	South Africa
Martin	Paige	Diagnosing Energy and Heat Transfer in an Idealized Ocean-Atmosphere Model: A Frequency-Domain Approach	University of Michigan	USA
Masich	Jessica	Momentum Balance in the Southern Ocean	University of California San Diego	USA
Murty	Sujata	Reconstructing Surface Water Mixing and Climate using Records of Sea Surface Salinity, Radiocarbon and Ba/Ca from Southeast Asian Corals	Nanyang Technological University	Singapore
Scheifele	Benjamin	Observations of Low-Energy Turbulence & Mixing in the Beaufort Sea	The University of British Columbia	Canada
Smith	Katherine	Effects of Submesoscale Turbulence on Reactive Tracers in the Upper Ocean	University of Colorado, Boulder	USA
Stanley	Geoff	Tales from Topological Oceans	University of Oxford	UK
Thomas	Jennifer	Horizontal Variability of Internal Waves Detected by an Array of Seafloor Pressure Sensors, and Modeled Coupled Barotropic-Baroclinic Basin Modes and their Application to Internal Tides	Oregon State University	USA
Viglione	Giuliana	Submesoscale Dynamics of Southern Ocean Mixed Layers	California Institute of Technology	USA