

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

NOT JUST SINKING PARTICLES: EXPORT AND THE BIOLOGICAL  
CARBON PUMP IN A THREE-DIMENSIONAL OCEAN DRIVEN BY  
CIRCULATION AND VERTICAL MIGRATION

By  
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A Dissertation submitted to the  
Department of Earth, Ocean and Atmospheric Science  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2020

Thomas Bryce Kelly defended this dissertation on October 30, 2020.

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