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Carrie Diaz Eaton*, Unity College, 90 Quaker Hill Rd, Unity, ME 04988, and **Emma Perry**, Unity College, 90 Quaker Hill Rd, Unity, ME 04988. *Translating Marine to Math*. Preliminary report.

SUMMIT-P is an NSF IUSE grant which brings together interdisciplinary collaborations at ten institutions. At Unity College, this work focuses on collaboration between calculus and marine biology with an emphasis on sustainability science and studies. In this talk, we present a framework for models and modeling that works to unite mathematical and biological sciences. After a year of marine and math classroom observations and interdisciplinary coaching, we discuss language shift opportunities in the calculus classroom and modeling opportunities and language in the marine classroom. This is accompanied by a thematic analysis and preliminary bipartite network language analysis. Lastly, we explore opportunities to extend the models and modeling framework to engage multiple disciplines beyond marine biology. (Received September 11, 2017)