

## **Doctor of Philosophy in Marine & Atmospheric Sciences**

Zofia Aleksandra Baumann

*Bioavailability of Arsenic, Cadmium and Chromium for the Deposit-feeding Polychaete Nereis succinea*

Dr. Nicholas A. Fisher, Advisor

Xi Chen

*The Physiological and Stoichiometric Responses of Marine Zooplankton to Iron Limited Diets*

Drs. Nicholas S. Fisher and Stephen B. Baines, Co-Advisors

Ruth Coffey

*Submarine Groundwater Discharge as an Integral Environmental "Currency" Limiting Population and Development Within the Ecosphere of Small Islands*

Dr. Henry J. Bokuniewicz, Advisor

Juliet Karen West Kinney

*Evolution of the Peconic Estuary Relict 'Oyster Terrain'*

Dr. Roger D. Flood, Advisor

Kelly Lombardo

*Warm Season Convective Storm Structures Over the Northeastern U.S. and Their Interaction with the Marine Environment*

Dr. Brian A. Colle, Advisor

Kestrel Orli Perez

*The Evolution of Size in Fish: Evaluation of Natural Selection for Size and Evidence for a Prolonged Cost of Rapid Growth*

Dr. Stephen B. Munch, Advisor

Paula S. Rose

*Medically-derived I-131 as a Tracer in Aquatic Environments*

Drs. R. Lawrence Swanson and J. Kirk Cochran, Co-Advisors

Mark Stanley Sokolowski

*Disentangling the Sources of Structure in the Diversity of Metazoan Parasite Communities*

Drs. Alistair D.M. Dove and Stephan B. Munch, Co-Advisors

Masatoshi Sugeno

*Semiparametric Bayesian Modeling of Density Dependence*

Dr. Stephen B. Munch, Advisor

Stephanie Carol Talmage

*The Effects of Elevated Carbon Dioxide Concentrations on the Early Life History of Bivalve Shellfish*

Dr. Christopher J. Gobler, Advisor

Alexandra Valdes

*Detection and Occurrence of Human Viral Pathogens in Coastal Recreational Waters*

Dr. Josephine Y. Aller and Paul F. Kemp, Co-Advisors

Jindong Wang

*Analysis of Tide Wave Propagation and Overtide Generation in the Hudson River*

Dr. Robert E. Wilson, Advisor