

CONGRATULATIONS GRADUATES!



Convocation Ceremony

Opening Remarks

Dr. Minghua Zhang, Dean

Commencement Address

Dr. Carl Safina, Stony Brook University

Awarding of Undergraduate Certificates

B.S. in Atmospheric and Oceanic Sciences

Presented by Dr. Brian A. Colle

B.A. in Environmental Studies

Presented by Dr. Kamazima M.M. Lwiza

B.S. in Marine Sciences

B.S. in Marine Vertebrate Biology

Presented by Dr. Mary I. Scranton

Stony Brook Alumni Association Dean's Choice Awards

Presented by Dr. Frank Roethel

Honors Recognized

Dr. Minghua Zhang, Dean

Memorial Awards

Petra M. Udelhofen Memorial Scholarship Award

Timothy Magnussen Memorial Scholarship

Xiangding Wu Memorial Award

Presented by Dr. Brian A. Colle

Nuria Protopopescu Memorial Award for Excellence in Teaching

Presented by Dr. Robert C. Aller

Student Research Award

Pikitch Family Endowed Student Research Award

Presented by Dr. Anne E. McElroy

Awarding of Masters and Doctoral Certificates

Master of Arts in Marine Conservation and Policy Certificates

Presented by Dr. Lesley H. Thorne

Master of Science and Doctoral Certificates in Marine
and Atmospheric Sciences

Presented by Dr. Anne E. McElroy

Best Thesis/Dissertation Awards

Presented by Dr. Anne E. McElroy

Closing Remarks

Dr. Minghua Zhang, Dean

Bachelor of Science in Atmospheric & Oceanic Sciences

David Benjamin Michael Colbert Peter Ramirez
Kyle Carpenter Steven Lerman Thomas Thieke

Bachelor of Arts in Environmental Studies

Joseph Azeizat Mandy Liang Luke Schmitz
Andrew Boskamp Luke Limbach Ian Schwarz
Jodi Chan Mary Macisaac Anthony Serino
Irene Chu Kevin Montalvo Haley Silverman
Christopher Contino Yubin Ni Nicholas Steel
Angelo Costa Breanna Perso Matthew Zampariello
Eleni Kavvadias Kelley Roberts
Emily Leung Nicole Salcuni

Minor in Environmental Studies

David Bingham III Kerry Lopez David Viana
Alex Catti Kathleen Maroney
Mykaela Copeland Anthony Montalbano

Bachelor of Science in Marine Sciences

Mykaela Copeland Victoria Harrison Jessica Quinlan
Elizabeth Danon James Mangialardi
Nikolas Floros Kaitlyn O'Toole

Doctor of Philosophy in Marine & Atmospheric Sciences

Jonathan Slade
*Chemical Aging and Cloud Condensation Nuclei Activity of Biomass Burning
Aerosol Proxies in the Presence of OH Radicals*
Dr. Daniel A. Knopf, Advisor

Jaime Soto-Neira
*Dissolved Manganese in Bioturbated Marine Sediments:
a Multi-Dimensional Characterization*
Drs. Qingzhi Zhu and Robert C. Aller, Co-Advisors

Amber Stubler
Effects of Anthropogenic Stressors on Tropical Sponge Ecology
Dr. Bradley J. Peterson, Advisor

Shuaiqi Tang
*An Ensemble Three-Dimensional Constrained Variational Analysis Method to
Derive Large-Scale Forcing Data for Single-Column Models*
Dr. Minghua Zhang, Advisor

Jasmine Valentin-Albanese
*Reserve Effects, Behavioral Interactions and Trophic Relationships of Upper and
Mid-trophic Level Grouper Species (F. Serranidae) on the Belize Barrier Reef*
Dr. Demian Chapman, Advisor

Shu Meir Wang
A Study of the Extratropical Tropopause from Observations and Models
Dr. Marvin A. Geller, Advisor

Weilei Wang
*Using Geochemical Tracers and Mathematical Models to Estimate
Sinking Particle Interaction Rate Constants*

Best M.S. Thesis Award

Best Ph.D. Dissertation Award

Doctor of Philosophy in Marine & Atmospheric Sciences

Diego Alfaro Berea

*Modulation of Mesoscale Convective Systems by
Environmental Kinematics and Thermodynamics*

Dr. Marat Khairoutdinov, Advisor

Katelin Childers

Circulation and Transport Across the Iceland Faroes Shetland Ridge

Drs. Charles N. Flagg and Robert Wilson, Co-Advisors

Carolina Cisternas-Novoa

*Effects of a Changing Ocean on Marine Gel Particles and Implications
for Aggregation Processes and POC Export*

Dr. Cindy Lee, Advisor

Michael Erickson

*Exploring Model Error through Post-processing and an
Ensemble Kalman Filter on Fire Weather Days*

Dr. Brian A. Colle, Advisor

Bradley Furman

Space Acquisition Strategies of Zostera Marina

Dr. Bradley J. Peterson, Advisor

Matthew Harke

*Exploring Gene Expression Patterns to Understand the Nutritional Ecology of
the Toxic Cyanobacterium Microcystis Aeruginosa*

Dr. Christopher J. Gobler, Advisor

Jungmin Lee

*Development of the Simplified Land Model (SLM) and its application
to the problem of diurnal cycle of precipitation over land*

Dr. Marat Khairoutdinov, Advisor

Ling Liu

*Exploring Physical and Biological Mechanisms Leading to Seasonal Hypoxia in
Long Island Sound Using the Enhanced 1-D and 3-D Model Results*

Dr. Kamazima M.M. Lwiza, Advisor

Minor in Marine Sciences

Ashley Himmelstein

Tracey Vlasak

Liana Simpson

Rebecca Werner

Bachelor of Science in Marine Vertebrate Biology

Nathan Baker

Elizabeth Howlett

Shannon Smallwood

Samantha Browne

Zachary Kocsik

Meredith Smith

Jodi Chan

Sonia Limaye

Andrew Tan

Connor Dearborn

Brianna Lusher

Michael Thompson

Mario Flunory

Michaela Miller

Carlin Yu

Danielle Francois

Megan Pantaleo

Stony Brook Alumni Association Dean's Choice

Atmospheric Sciences

Michael Colbert

Environmental Studies

Tesia Moore

Marine Sciences

Mykaela Copeland

Marine Vertebrate Biology

George Czeck

Undergraduate Honors

Michael Colbert

*Synoptic flow patterns and mesoscale conditions associated with convection
initiation along the sea breeze front across Long Island and NYC.*

Dr. Brian A. Colle, Advisor

Petra M. Udelhofen Memorial
Scholarship Award

Taylor Scott Mandelbaum

Timothy Magnussen Memorial Scholarship

Kylie Merrow
Charles Bergin

Xiangding Wu Memorial Award

Cheng Zheng

Nuria Protopopescu Memorial Award for
Excellence in Teaching

Irvin Huang

Pikitch Family Endowed Student Research Award

Mark Bond

Master of Arts in

Molly Adams	Daniel Garatea	Maxwell Marsh
Elizabeth Ahearn	James Hunt	Heidi O'Riordan
Kayleigh Boose	Janice Jensen	Angela Schimizzi
Jessica Carde	Amanda Levine	Brittany Sievers
Gabriella Carvajal	Emily Liebert	Andrew Thyberg
Darlene Defabio	Kayleigh Mahoney	Danica Warns

Master of Science in
Marine & Atmospheric Sciences

Tyler Abruzzo

*Analyzing Spatial and Temporal Trends in the Finfish and Macro-Invertebrate
Community Structure of The Peconic Bay Estuary*
Drs. Michael Frisk and Robert Cerrato, Co-Advisors

Aichen Niu

*Meteorological Factors Affecting Impacts of Extra Tropical Cyclones
along the New York/New Jersey Coast*
Dr. Sultan Hameed, Advisor

Jorge Pérez Tuero

Biogeochemical and Dynamical Constraints on Salt Marsh Health on Long Island
Dr. J. Kirk Cochran, Advisor

Keith Roberts

*An Application of Regression for Storm Surge Prediction along the
New York/New Jersey Coast in Climate Models*
Dr. Brian A. Colle, Advisor

Camilo Salazar

*Radium Isotopes as Tracers of Porewater Dynamics in Two
Long Island Salt Marsh Systems*
Dr. Kirk Cochran, Advisor

Michael White

Marine Acoustics and Seafloor Characterization in the Peconic Estuary
Dr. Henry J. Bokuniewicz, Advisor