

**SCHOOL OF MARINE & ATMOSPHERIC SCIENCES  
UNDERGRADUATE AND GRADUATE CONVOCATION  
MAY 20, 2016**

Processional

*(Audience will please rise until all graduates are seated.)*

Welcoming Remarks .....	Dr. Minghua Zhang, Dean
Convocation Address.....	Michael Zeitlin, BS'79, MS'80, Founder and CEO, Aqumin, LLC
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 .....	Presented by Dr. Mary I. Scranton
B.S. in Marine Vertebrate Biology .....	Presented by Dr. Mary I. Scranton
B.S. in Coastal Environmental Studies.....	Presented by Dr. Katherine Aubrecht
B.A. in Ecosystems and Human Impact .....	Presented by Dr. James Hoffmann
B.A. in Environmental Design, Policy and Planning.....	Presented by Dr. H. James Quigley
B.A. in Environmental Humanities .....	Presented by Dr. Heidi Hutner
B.A. in Sustainability Studies.....	Presented by Dr. Arlene Cassidy
Stony Brook Alumni Association Dean's Choice Awards.....	Presented by Dr. Frank Roethel
Honors Recognized .....	Dr. Minghua Zhang, Dean
Petra M. Udelhofen Memorial Scholarship Award.....	Presented by Dr. Brian A. Colle
Timothy Magnussen Memorial Scholarship .....	Presented by Dr. Brian A. Colle
Nuria Protopopescu Memorial Award for Excellence in Teaching.....	Presented by Dr. Robert C. Aller
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. Glenn R. Lopez
Master of Science and Doctoral Certificates in Marine and Atmospheric Sciences.....	Presented by Dr. Anne E. McElroy
Best Thesis/Dissertation Award.....	Presented by Dr. Anne E. McElroy
Closing Remarks .....	Dr. Minghua Zhang, Dean

## **CANDIDATES FOR UNDERGRADUATE DEGREE**

### **Bachelor of Science in Atmospheric & Oceanic Sciences**

Charles Bergin	Aaron Rodriguez
Joseph Clark	Raymond Sukhdeo
Matthew Dibuduo	Cory Weiss
Jake Keiser	Breanna Zavadoff
Taylor Mandelbaum	Fan Zhang
Amanda Mondello	

### **Bachelor of Arts in Environmental Studies**

Louise Badoche	Nicholas Leask
Erik Baudler	Tara McPhillips
Jessica Castro	Kylie Oradesky
Kai Chen	Melanie Perl
Angelo Costa	Jenna Pitta
Valentina Covelli	Rebecca Reigle
Bridgette Dean	Brandon Santos
Samantha Elgot	Anthony Serino
Jeremy Feldschuh	Rachel Silver
Cara Fernandes	Kristin Welch
Chelsea Helm	Hannah Winslow
Kerry Kelvas	Victoria Wood
Zachary Kruskal	Fan Zhang

### ***Minor in Environmental Studies***

Aneesa Ali	Joshua Garcia
Taylor Apter	Alexandra Rivera
Taylor Bouraad	Dallyce Stinton
John Carswell	Vijay Suthar
Sharmila Dass	

**CANDIDATES FOR UNDERGRADUATE DEGREE**

**Bachelor of Science in Marine Sciences**

Richard Brunjes IV

Weiwu Li

Marissa Debonis

Emily Markowitz

Julia Donaton

Dallyce Stinton

Valentine Gladstein

William Wied

Katelynn Lankowicz

***Minor in Marine Sciences***

Bridgette Dean

Justina Mark

Jose Deniz

Tara McPhillips

Scott Grimmell

Melanie Perl

Ella Holme

Jenna Pitta

Kerry Kelvas

Rachel Silver

Nicolette Margiotta

Hannah Winslow

**Bachelor of Science in Marine Vertebrate Biology**

Taylor Apter

Savannah Labua

Alexander Arotin

Jacob Leefer Labriola

Taylor Bouraad

Kristina Legland

John Carswell

Craig Schenone

Lisa Chong

Vijay Suthar

Helen Dufel

Jocelyn Tallmon

Julie Fithian

Michael Thompson

Nikki Goodman

Emma Tomaszewski

Albany Eckert Jacobson

Regina Valentino

Megan Kennard

**CANDIDATES FOR UNDERGRADUATE DEGREE**

**Bachelor of Science in Coastal Environmental Studies**

Emily Nocito

***Minor in Coastal Environmental Studies***

Katelynn Lankowicz

Breanna Zavadoff

Jacob Leefer Labriola

**Bachelor of Arts in Ecosystems and Human Impact**

Kenton Archer

Elizabeth Montello

Rachel Lambert

***Minor in Ecosystems and Human Impact***

Molly Falcone

Emily Nocito

Alan Higuera

Shamin Sahebzada

Christine Jette

Kristin Welch

Jee Hyun Kim

Daniel Wysocki

**Bachelor of Arts in Environmental Design, Policy and Planning**

Nusrat Alam

Pamela Loaiza

Raymond Bibla

Carolina Molina

Joseph Cogliandro Jr.

Kevin Roberts

Seneca Cornelius

Jenna Tocco

Helen Gifford

Harrison Wenchell

Awsaf Hussain

Dug Jin Yang

***Minor in Environmental Design, Policy and Planning***

Jeremy Feldschuh

Michael Penso

Jackie Li

## CANDIDATES FOR UNDERGRADUATE DEGREE

### **Bachelor of Arts in Environmental Humanities**

Karen Aquino

Shunna Ide

Jessica Kaplan

Grayson Manzi

Brian Sutton

### **Bachelor of Arts in Sustainability Studies**

John Condy

Nicholas Fusco

Stephanie Kaczynski

Jee Hyun Kim

Stephanie Madsen

Patrick McKeown

Vani Nayyar

Sean Paul

Armend Perasevic

Jonathan Sozomenu

Larissa Tomiko

Brandon Waaland

Brigid White

### ***Minor in Sustainability Studies***

Jordan Giha

Alan Higuera

Nicole LiBretto

Kristin Lohr

Roberto Maida

Xing Mei

Betty Monsanto

Amanda Rooney

Nathaly Sierra-Vargas

Joseph Sparling

Jenna Tocco

Estefania Torres

Colleen Walker

Kristin Welch

Fan Zhang

### ***Minor in Geospatial Science***

Raymond Bibla

Jamie Burgher

Devin Darmanie

Andrew Dumais

Joshua Garcia

Dallyce Stinton

Jocelyn Tallmon

Breanna Zavadoff

## UNDERGRADUATE AWARDS AND HONORS

### Stony Brook Alumni Association Dean's Choice Award

<b>Atmospheric Sciences</b>	Charles Bergin
<b>Environmental Studies</b>	Kristin Welch
<b>Marine Sciences</b>	Julia Donaton
<b>Marine Vertebrate Biology</b>	Regina Valentino
<b>Ecosystems &amp; Human Impact</b>	Elizabeth Montello
<b>Environmental Humanities</b>	Shunna Ide
<b>Sustainability Studies</b>	Nicholas Fusco

### Undergraduate Honors

#### **Joseph Clark**

*Modulation of Variability and Projected Change in Winter Precipitation by  
Extratropical Cyclone Activity over Mid-latitude Regions*

Dr. Edmund K.M. Chang, Advisor

#### **Wen Cong**

*Development of a composite fluorescence sensor for simultaneously  
measuring 2-D oxygen and pH distributions in marine sediments*

Dr. Qingzhi Zhu, Advisor

#### **Weiwu Li**

*Using deuterated water and Raman microspectrometry to  
identify active individual microbial cells within plankton populations*

Dr. Gordon T. Taylor, Advisor

### **Petra M. Udelhofen Memorial Scholarship Award**

Nicole Casamassina

### **Timothy Magnussen Memorial Scholarship**

Joshua Feldman

Kylie Merrow

**GRADUATE AWARDS**

**Nuria Protopescu Memorial Award for  
Excellence in Teaching**

Rebecca Kulp

**Pikitch Family Endowed Student Research Award**

Cecilia O'Leary

**Best M.S. Thesis Award**

To be announced at ceremony.

**Best Ph.D. Dissertation Award**

To be announced at ceremony.

**CANDIDATES FOR GRADUATE DEGREE**

**Master of Arts in Marine Conservation and Policy**

Mary Arnold

Katelyn Herman

Bryan Berg

Europa McGovern

Alexandra Fine

Charlton Simmons

Jessica Gilrain

Margaret Vogt

Carly Haeussler

Qichen Wang

Lauren Henry

Brian Yurasits

**Master of Science in Marine and Atmospheric Sciences**

**Hannah Clark**

*Response of Early Life Stage Bivalves to Diurnal Changes in  
Carbon Dioxide and Dissolved Oxygen Concentrations*

Dr. Christopher J. Gobler, Advisor

**Emily Hildebrandt**

*Macrobenthic Species Abundance and Diversity Associated  
with Dense Assemblages of the Tube-building  
Polychaete Clymenella Torquata*

Dr. Glenn R. Lopez, Advisor

**CANDIDATES FOR GRADUATE DEGREE**

**Master of Science in Marine and Atmospheric Sciences**

**Jennifer Kim**

*Title Unavailable*

Dr. Christopher J. Gobler, Advisor

**Brandyn Lucca**

*How Artificial Reefs Affect Pelagic and Demersal Finfish  
Offshore of Long Island*

Dr. Joseph D. Warren, Advisor

**Lucas Merlo**

*The Interactive Effects of Temperature, pH, and Food Supply on the Growth  
and Survival of the Forage Fish, *Menidia beryllina*, and *Cyprinodyn veriegatus**

Dr. Christopher J. Gobler, Advisor

**Maija Niemisto**

*Temporal and Spatial Distribution and Abundance of Fish, Crab,  
and Zooplankton in the Hudson River Estuary from  
1999-2015 Using Trawl and Acoustic Sampling*

Dr. Joseph D. Warren, Advisor

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

**Andrew Fields**

*An Investigation of the Species in the Shark Fin Trade in the  
Sheung Wan Market, Hong Kong*

Dr. Demian Chapman, Advisor

**Alison Flanagan**

*Quantitative Benthic Community Models: The Relationship  
Between Explained Variance and Scale*

Dr. Robert M. Cerrato, Advisor

**Jungmin Lee**

*Development of Simplified Land Model (SLM) and  
its Application to Diurnal Cycle of Precipitation Over Land*

Dr. Marat Khairoutdinov, Advisor



**CANDIDATES FOR GRADUATE DEGREE**

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

**Shaily Rahman**

*Cosmogenic Silicon – 32 Reveals Extensive Authigenic Clay Formation in  
Deltaic Systems and Constrains the Marine Silica Budget*

Drs. Robert C. Aller & J. Kirk Cochran, Co-Advisors

**Kailai Wang**

*Molecular Characterization of Clam (*Mercenaria mercenaria*)  
Immune Response Against Quahog Parasite Unknown (QPX):*

*Effects of Host and Environmental Factors*

Dr. Bassem Allam, Advisor

**Zhenhai Zhang**

*The Extratropical Cyclones over Eastern North America and  
Western Atlantic in CMIP5 Models and High-Resolution WRF Downscaling*

Dr. Brian A. Colle, Advisor

**Minghua Zheng**

*Growth of Error and Uncertainty in Medium Range Ensemble  
Forecasts of U.S. East Coast Winter Storms*

Dr. Edmund K.M. Chang, Advisor

**Closing Remarks, Dean Minghua Zhang**

