



CARL SAFINA

Carl Safina's work explores how humans are changing the living world, and what the changes mean for non-human beings and for us. His work fuses scientific understanding, emotional connection, and a moral call to action.

His writing has won a MacArthur "genius" prize; Pew and Guggenheim Fellowships; book awards from Lannan, Orion, and the National Academies; and the John Burroughs, James Beard, and George Rabb medals. He earned a PhD in ecology from Rutgers studying seabirds, then spent a decade working to ban high-seas drift nets and to overhaul U.S. fishing policy.

Safina is now the first Endowed Professor for Nature and Humanity at Stony Brook University and is founding president of the not-for-profit Safina Center. He hosted the PBS series *Saving the Ocean*. His writing appears in *The New York Times*, *TIME*, *Audubon*, *Yale e360*, and on the Web at National Geographic, Huffington Post, CNN.com, and elsewhere.

He is author of the classic book, *Song for the Blue Ocean*. Carl's seventh book is *Beyond Words; What Animals Think and Feel*. He lives on Long Island, New York with his wife Patricia and their dogs and feathered friends.

**SCHOOL OF MARINE AND ATMOSPHERIC SCIENCES
UNDERGRADUATE AND GRADUATE CONVOCATION
MAY 18, 2018**

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

Welcoming Remarks Dr. R. Lawrence Swanson, Interim Dean

Convocation Address Dr. Carl Safina

Awarding of Undergraduate Certificates

Atmospheric Programs Presented by Dr. Brian A. Colle
B.S. in Atmospheric and Oceanic Sciences

Marine Programs Presented by Dr. Kamazima M.M. Lwiza
B.A. in Environmental Studies

B.S. in Marine Sciences

B.S. in Marine Vertebrate Biology

Sustainability Programs Presented by Dr. Katherine Aubrecht
B.S. in Coastal Environmental Studies

B.A. in Ecosystems and Human Impact

B.A. in Environmental Design, Policy and Planning

B.A. in Environmental Humanities

B.A. in Sustainability Studies

Stony Brook Alumni Association Dean's Choice Awards Presented by Dr. Frank J. Roethel

Honors Recognized Dr. R. Lawrence Swanson, Interim 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. David E. Black

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. David E. Black

Best Thesis/Dissertation Award Presented by Dr. David E. Black

Closing Remarks Dr. R. Lawrence Swanson, Interim Dean

CANDIDATES FOR UNDERGRADUATE DEGREE
Bachelor of Science in Atmospheric and Oceanic Sciences

Michael Aufiero	Brandon Sardelli
Joshua Feldman	Andrew Seaman
Brandon Kelly	Samantha Zito
Matthew McDermott	

Bachelor of Arts in Environmental Studies

Joseph Acito	Jackson Kazdan
Alexandra Bonecutter	Zachary Kruskal
Matthew Gino	Isabelle Lamarre
Valery Gonzalez	Jesse Little
Edward Gorman	Giovanna Monti
Maria Grima*	Nicole Pyun
Sitong Guo	Conor Russell
Sahiba Kaur	Daniel Smalls

Minor in Environmental Studies

Alexa Albam	Vijay Suthar
Alexandra Rivera	

Bachelor of Science in Marine Sciences

Ashley Bean	Asdis Griggs
Caleb Budd	Isabelle Lamarre
Michael Cashin	Peter Larios
Makenzie Conover	Sarah McTague
Darren De Silva	Taishi Misumi
Amanda Dias	Gregory Paul
Ilana Dorsch	Jennifer Stahl
Christian Foito	

Minor in Marine Sciences

Alexandra Bonecutter	Min Joo Jeong
Joseph Carbone	Shayla Nickles
Tyler Corsello	Sheng Wang
Maria Grima	

*Recipient of the 2017 Evan R. Liblit Graduate Memorial Scholarship

**CANDIDATES FOR UNDERGRADUATE DEGREE
Bachelor of Science in Marine Vertebrate Biology**

Alexa Albam

Jocelyn Liu

Anushka Anderson

Helena Nierer

Jordan Blue

Blondelle Quimi

Ariel Calle

Gabriella Riggio

Stephanie Flanagan

Vijay Suthar

Shane Gallimore

Michael Thompson

Shannon Kanidinc

Victoria Uthman

Emily Kollmer

Christopher Wozny

Melissa Leone

Bachelor of Science in Coastal Environmental Studies

Jade Blennau

Kristen O'Neill

Christina Giordanella+

Steven Ragusa

Victoria Inestroza

Brittney Scannell

Min Joo Jeong

Justin Valles

Sophie Killy

Electra Vasilopoulos

Mary Mei

Shauna Wright

Michelle Nevins

Minor in Coastal Environmental Studies

Ariel Calle

Eunice Wang

Stephanie Flanagan

Bachelor of Arts in Ecosystems and Human Impact

Brooke Arena

Julia Petersen*

Victoria Inestroza

Elijah Stowe

Minki Kim

Rachel Wanderman

Ashley Landrein

Harrison Watters

Zachary Paiva

+Second place in the SoMAS Undergraduate Environmental Essay Awards

*Recipient of the 2017 Evan R. Liblit Memorial Scholarship

CANDIDATES FOR UNDERGRADUATE DEGREE

Minor in Ecosystems and Human Impact

Kyle Bentley	Ashley Kappenmacher
Darren De Silva	Michael Moawad
Amritjot Dhillon	Jacqueline Nikakis
Abigail Higgins	Andrea Persaud
Sajjad Hussaini	Yuman Xu

Bachelor of Arts in Environmental Design, Policy and Planning

Soo Hyun Ahn	Ji Won Kim
Angelica Apolaris	Daniel Panko
Bryan Benitez	Stephen Schiavetta
Stephen Boncimino	Amy Su
Vivian Chokry	Shenglin Wang
Jeffrey Ehrhardt	Shauna Wright
Michael Iorizzo III	Zhiying Zhao

Minor in Environmental Design, Policy and Planning

Matthew Behar	Amanda Protopapas
Constantine Bournias	Elijah Stowe
Peter Larios	

Bachelor of Arts in Environmental Humanities

Kylie Campanelli	Michael Puglisi
Christopher Frank	

Minor in Environmental Humanities

Ricki Liu

CANDIDATES FOR UNDERGRADUATE DEGREE

Bachelor of Arts in Sustainability Studies

Kyle Bentley	Nicolle Portilla
Stanley Chen	Jennie Ryder
Nicholas Fagone	Sean Wiedemann
Edward Gallagher Jr.	Yuman Xu
Christina Giordanella	

Minor in Sustainability Studies

Imran Azad	Sean Lotz
Taylor Costello	Keiko Nagami
Humira Ferdush	James Nevins
Matthew Fuchs	Pooja Pandya
Allison Henry	Amanda Protopapas
Ricki Liu	Amanda Rooney

Minor in Geospatial Science

Michael Cashin	Sophie Killy
Kyle Castillo	Sarah McTague
Maria Grima	Helena Nierer

UNDERGRADUATE AWARDS

Stony Brook Alumni Association Dean's Choice Award

Atmospheric Sciences	Matthew McDermott
Environmental Studies	Maria Grima
Marine Sciences	Peter Larios
Sustainability Studies	Ashley Landrein

Petra M. Udelhofen Memorial Scholarship Award

Katherine McKeown

Timothy Magnussen Memorial Scholarship

Justin Bettenhauser
Magdalena Wrobel

UNDERGRADUATE HONORS

Undergraduate Research Honors

Brooke Arena

Can Garden Peas Bioaccumulate a Common Livestock Pharmaceutical?

Dr. Sharon Pochron, Advisor

Joshua Feldman

*Examination of Physical Approaches in Forecasting
Non-convective Wind Gusts in the New York City Area*

Dr. Brian A. Colle, Advisor

Ashley Landrein

Roundup® Formulation Type Impacts Earthworm Health

Dr. Sharon Pochron, Advisor

Sarah McTague

*The Use of Hydrogen Peroxide for the Mitigation of
Anabaena sp. Strain 90 and Strain 54*

Dr. Christopher J. Gobler, Advisor

GRADUATE AWARDS

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

Ryan Wallace

Pikitch Family Endowed Student Research Award

Elisabeth Henderson

Best M.S. Thesis Award

To be announced

Best Ph.D. Dissertation Award

To be announced

CANDIDATES FOR GRADUATE DEGREE

Master of Arts in Marine Conservation and Policy

Alexa Annunziata

Christopher Meyer

Nicole Carone

Kaitlin Morris

Katherine Conroy

Tyler Prichett

Jason Dumond

Cariann Wood

CANDIDATES FOR GRADUATE DEGREE

Master of Science in Marine and Atmospheric Sciences

Stephanie Adamczak*

*A Comparison of Short- and Long-finned Pilot Whale Thermal Ecology
Using External Morphometrics, 3D Modeling, and Dive Behavior*

Dr. Lesley Thorne, Advisor

Ryan Connelly

*Predictability of Snow Multi-Bands in the Cyclone Comma Head
Using a 40-Member WRF Ensemble*

Dr. Brian A. Colle, Advisor

Matthew Furst

*A Comparison of Herring Gull Foraging Ecology and Microbiome
Along an Urban Gradient*

Dr. Lesley Thorne, Advisor

Justin Lashley

*Geomorphology of the Continental Shelf off of Watch Hill,
Fire Island National Sea Shore, NY*

Dr. Henry J. Bokuniewicz, Advisor

Taylor Mandelbaum

*Development of a Model Climatology Tool to Assess Ensemble
Variability and Uncertainty*

Dr. Brian A. Colle, Advisor

Emily Markowitz

*Distribution Shifts Associated with Changing Environmental Parameters
in Two Demersal Species Summer Flounder (*Paralichthys dentatus*)
and Black Sea Bass (*Centropristis striata*)*

Dr. Janet Nye, Advisor

Sarah Nickford

*Mechanisms Controlling the Summertime Interannual Variability of SST
and Chlorophyll-a in the Northwest Atlantic*

Dr. Kamazima M.M. Lwiza, Advisor

*Recipient of the 2017 Jerry R. Schubel Fellowship Award

CANDIDATES FOR GRADUATE DEGREE

Master of Science in Marine and Atmospheric Sciences

Kaitlyn O'Toole

*Development of a Bio-optical Model for Application Towards
Seagrass Restoration within the Peconic Bay Estuary (Long Island, NY)*

Dr. Bradley J. Peterson, Advisor

Zoe Smith

Assessing Potentially Toxic Metals in Nitrogen Removing Biofilters

Dr. Roy Price, Advisor

Raymond Sukhdeo

*The Interaction Between Arctic Sea Ice Decline and Atmospheric Blocking
and its Relation to Temperature in the United States*

Dr. Ping Liu, Advisor

Arianna Varuolo-Clarke

Topographic Influences On the North American Monsoon

Dr. Kevin A. Reed, Advisor

Colin Wirth

Passive Acoustic Monitoring of Marine Habitats

Dr. Joseph D. Warren, Advisor

CANDIDATES FOR GRADUATE DEGREE

Doctor of Philosophy in Marine and Atmospheric Sciences

Isaac Klingensmith

Interactions of Mangroves and the Silicon Cycle in Coastal French Guiana

Dr. Robert C. Aller, Advisor

Rebecca Kulp*

Investigating the Effect of Habitat Type on Foraging Efficiency

Dr. Bradley J. Peterson, Advisor

Albert Yau

*Documenting and Understanding Changes and Variability of
Storm Tracks Under Global Warming*

Dr. Edmund K.M. Chang, Advisor

Wei Zhang

*Studies of the Influences of Aerosol on Boundary Layer Clouds
Using Large-eddy Simulations*

Dr. Marat Khairoutdinov, Advisor

Xin Zhou

Changes in Temperature and Precipitation Extremes in a Warmer Climate

Dr. Marat Khairoutdinov, Advisor

Closing Remarks, Interim Dean R. Lawrence Swanson



*Recipient of the 2016 Jerry R. Schubel Fellowship Award