

MARINE SCIENCES RESEARCH CENTER



Convocation Ceremony



Friday, May 19, 2006
Endeavour Hall 120

STONY BROOK UNIVERSITY
STATE UNIVERSITY OF NEW YORK

CONVOCATION CEREMONY

May 19, 2006

12:30 pm Reception

1:00 pm Graduation Ceremony

Introduction:

Dr. David O. Conover, Dean and Director, MSRC

AWARDING CERTIFICATES

Undergraduates:

Dr. Kamazima Lwiza and Dr. Brian Colle

Petra Udelhofen Scholarship Award:

Dr. Minghua Zhang

Introduction of Advisors and Graduate Students:

Dr. David O. Conover

Conclusion:

Dr. David O. Conover

Congratulations

2006

Graduates



**BACHELOR OF SCIENCE,
ATMOSPHERIC & OCEANIC SCIENCES**

Degree Recipients

ATM

**John Albright
Augusto De La Cruz
John Murray
Joseph Pollina
Michael Rattray**

Professors

Brian Colle

ENS

**Douglas Barnum
Rukyah Wied Hennessey
Jesse Hornstein
Elisabeth Karpasitis
Justin Keller
Jason Li
Antony Lin**

Kamazima Lwiza

MAR

Colin Casey

Kamazima Lwiza

MAR Minor

**Nicholas Corleto
Phillip Dionne
Meghan Finn
Elisabeth Karpasitis
Justin Keller
Nicholas Kilb
Yuk-Ting Lau
Jason Li
Jennifer Lisica
Gary Smith**

Kamazima Lwiza

PETRA UDELHOFEN SCHOLARSHIP AWARD

Amber Stubler

Minghua Zhang

One day a man was walking along the seashore. He noticed that during the night many seashells and starfish had washed upon the beach. Thoroughly enjoying the morning sun and cool sea air, the man walked for miles.

As he strolled along, he noticed a small figure dancing in the distance. It made him chuckle to think of someone celebrating life in such an uninhibited way. As he drew closer, however, it became apparent that the figure was not dancing. Instead, she seemed to be repeatedly performing some ritual.

He drew nearer still and noticed that the small figure was a child. She was methodically picking up starfish and tossing them into the surf. He paused for a moment, puzzled, then asked,

"Why are you throwing these starfish?"

"It's high tide," she replied,
"If I leave them on the beach, the sun will soon dry them and they will die.
I am throwing them into the ocean so they can live."

The man considered her actions, impressed with the child's thoughtfulness. Then he motioned up and down the miles of the beach.
"There must be thousands of starfish along here," he said,
"you cannot possibly make a difference."

The young girl stopped. Her face darkened.
She chewed thoughtfully on her lower lip,
"You're probably right," she said softly.
She looked down at the sand.
Then she leaned over, carefully picked up another starfish, pulled back
and arched it gently into the sea.

With a tone of gentle defiance, she said,
"But I made a difference for that one." -- *Author Unknown*



*MASTERS AND DOCTORATES,
MARINE AND ATMOSPHERIC SCIENCE*

Degree Recipients

MASTERS

Deenie Bugge
Walter Burak
Patrick Curran
Soren Dahl
Jamilla Dick
Damien Drisco
Douglas Escribano
Courtney Hull
Philip LoCicero
Raisha Lovindeer
Colleen Norman
Kathryn Seaver
Haifei Yin
Yi Zheng

DOCTORATES

Kristopher Baker
Mark Benotti
Xueju Lin
Zhanfei Liu
Jenq-Chi Mau
Vanessa Madrid
Nicole Maher
Jun Wei
Xiaosong Yang
Jingbo Wu
Tiehan Zhou

Professors

Bassem Allam
David Conover
Christopher Gobler
Bassem Allam
Bruce Brownawell
David Conover
Gordon Taylor
Sergio Sanudo-Wilhelmy
Steven Goodbred
Jackie Collier
Mary Scranton
Henry Bokuniewicz
Bruce Brownawell
Robert Wilson

Jackie Collier
Bruce Brownawell
Gordon Taylor
Cynthia Lee
Dong-Ping Wang
Josephine Aller
Robert Cerrato
Dong-Ping Wang
Edmund Chang
Minghua Zhang
Marvin Geller

Masters Students, Thesis/Dissertation Title

Deenie Bugge

An *in vitro* study of host-pathogen and environment pathogen interactions: Quahog parasite unknown (QPX), a pathogen of the hard clam.

Walter Burak

Infection of bluefish "Pomatomus saltatrix" ovaries by the dracunculoid nematode, "Philometra saltatrix": prevalence, intensity and effect on reproductive potential.

Patrick Curran

The influence of ocean exchange on phytoplankton communities in Long Island's south shore estuaries.

Soren Dahl

Transmission of Quahog parasite unknown in the northern hard clam, "*Mercenaria mercenaria*": interactions between different host strains and pathogen isolates.

Jamilla Dick

Title is not available.

Damien Drisco

Spatial and temporal recruitment patterns of young of the year bluefish in the mid Atlantic Bight.

Douglas Escribano

Title is not available.

Courtney Hull

Trace metals in New York metropolitan area marine sediments: national coastal assessment results 2000 through 2002.

Philip LoCicero

The sedimentary and molluskan history of Great South Bay.

Raisha Lovindeer

Effects of nitrogen substrate on light-harvesting pigments and photosynthesis in *synechococcus* WH7805.

Colleen Norman

Can vitamins influence phytoplankton growth and diversity in coastal ecosystems?

Kathryn Seaver

Evolution of erosion hot spots on New York's ocean shoreline.

Haifei Yin

Distribution of APEO metabolites in surficial sediment of Hudson Basin.

Yi Zheng

Diagnosis of extratropical storm surge responses in New York harbor.

Doctorate Students, Thesis/Dissertation Title

Kristopher Baker

The use of ureC to characterize the population dynamics of urea degrading microorganisms within Chesapeake Bay.

Mark Benotti,

Occurrence and fate of pharmaceuticals in waste-water-impacted environments using HPLC-ToF-MS.

Peng Cheng

Title not available.

Xueju Lin

Spatio-temporal dynamics of bacterial communities in the redoxcline of the Cariaco Basin, Venezuela.

Zhanfei Liu

Sorption and degradation of organic compounds in the marine environment.

Vanessa Madrid

The role of microbial communities in the biogeochemistry of nonsulfidic tropical deltaic mobile sediments.

Nicole Maher

A new approach for benthic biotope identification and mapping.

Jenq-Chi Mau

Characteristic flow patterns in the Block Island Sound: Data analysis and model simulation.

Jun Wei

Gulf stream warm core rings: data analysis and model simulations.

Jingbo Wu

Analysis of simulated frontal clouds with CAM3 and WRF model during the ARM March 2000 IOP.

Xiaosong Yang

Eddy-mean flow feedback in southern hemisphere.

Tiehan Zhou

Annual and interannual variations of tropical upwelling in the lower stratosphere.

**“Go confidently in the direction
of your dreams. Live the life you
have imagined.”**

Henry David Thoreau



**“It is the mark of an educated
mind to be able to entertain a
thought without accepting it.”**

Aristotle