

## **GREETINGS FROM THE DEAN**

We began to compile a record of the achievements of Stony Brook's graduate Students in 1991 and have published an issue each academic year since then. This issue covers the 2009-2010 academic year.

The accomplishments of Stony Brook's graduate students are quite extraordinary. They include winning numerous, prestigious, national and international fellowships and research grants. Our students have also established an impressive presence in the literatures of their disciplines with publications in many of the best scholarly journals and books. They have achieved recognition in the creative arts with acclaimed exhibitions and performances. Stony Brook's graduate students also won awards for their excellence as teachers. Our students participate fully in the intellectual activities of their field of scholarship by participation in conferences and workshops. Finally, graduates of Stony Brook's programs leave us to take up a wide variety of professional appointments. Many of these are Post-Doctoral fellowships or faculty positions at some of the nation's finest universities. In addition, Stony Brook's graduates carry the knowledge and expertise that they gained here to many prestigious institutions overseas, thus enhancing Stony Brook's international reputation as an outstanding research university.

The success of Stony Brook's graduate enterprise is rooted in the success of the faculty of the University in research, scholarship and creative activities. The international reputation of Stony Brook's faculty attracts outstanding students to our graduate programs from across the country and around the world. Our educational programs and the opportunities to work with dedicated faculty mentors develop the potential that students bring with them so that they become independent researchers and scholars. Graduate education lies at the heart of a research University and this publication demonstrates the vitality of the research, scholarly and creative activities underway at Stony Brook. The students whose accomplishments make up this document deserve recognition for their achievements and our thanks for what they have contributed to the intellectual life of the campus and to the reputation of our University. The faculty who have guided these efforts and the staff and administration of the University who help to foster an environment in which scholastic excellence is valued and in which outstanding graduate education can take place all played important roles in the successes documented here.

The achievements listed here required hard work by many people and all who contributed should feel a sense of pride in the accomplishments of these students. My congratulations and thanks to all concerned.

Lawrence B. Martin  
Dean of the Graduate School

## Acknowledgements

The Graduate School would like to extend special thanks to all participating Stony Brook graduate students who have made this publication possible, the deans for encouraging their respective programs to participate, and the chairs, graduate directors, and graduate coordinators who have taken the time to coordinate and submit the program's achievements.

- **On the Cover**

*Oil Drum* by Joseph Esser

**Joseph Esser** is a graduate student in the Master of Fine Arts program in Studio Arts and the winner of the 2010 Dorothy L. Pieper Memorial Purchase Prize

- **Editing and Typesetting:** Paul Bugyi

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# GRADUATE PROGRAMS

❖ **COLLEGE OF ARTS AND SCIENCES**, Dean: Nancy Squires

Anthropological Sciences  
Anthropology  
Art History & Criticism and Studio Art  
Biochemistry and Structural Biology  
Chemistry  
Comparative Literary and Cultural Studies  
Ecology and Evolution  
Economics  
English  
European Languages, Literatures and Cultures  
Genetics  
Geosciences  
Hispanic Languages, Literatures and Cultures  
History  
Linguistics  
Mathematics  
Molecular and Cellular Biology  
Music  
Neuroscience  
Philosophy  
Physics and Astronomy  
Political Science  
Psychology  
Sociology  
Theatre Arts  
Women's Studies  
Writing and Rhetoric

❖ **COLLEGE OF BUSINESS**, Interim Dean: Manuel London

❖ **COLLEGE OF ENGINEERING AND APPLIED SCIENCES**, Dean: Yacov Shamash

Applied Mathematics and Statistics  
Biomedical Engineering  
Computer Science  
Electrical and Computer Engineering  
Management and Policy  
Materials Science and Engineering  
Mechanical Engineering  
Technology and Society

❖ **SCHOOL OF DENTAL MEDICINE**, Dean: Ray Williams

❖ **SCHOOL OF MARINE AND ATMOSPHERIC SCIENCES**, Interim Dean: Minghua Zhang

❖ **SCHOOL OF MEDICINE**, Dean: Kenneth Kaushansky

Anatomical Sciences  
Molecular and Cellular Pharmacology  
Molecular Genetics and Microbiology  
Physiology and Biophysics

❖ **SCHOOL OF PROFESSIONAL DEVELOPMENT & CONTINUING STUDIES**, Dean: Paul Edelson

❖ **SCHOOL OF SOCIAL WELFARE**, Dean: Francis Brisbane

# The 2010 GRADUATE AWARDS

## ❖ President's Award for Excellence in Teaching

This award is made in recognition of excellence in teaching by graduate students. The name of each recipient will be inscribed on Stony Brook's Roll of Recognition for Teaching Excellence.

Ralph Clare	<i>English</i>
James Corrigan	<i>Philosophy</i>
Adam Rosenfeld	<i>Philosophy</i>
Katharina Schuhmann	<i>Linguistics</i>
Hans Staats	<i>Comparative Literature</i>
Xiaomeng Xu	<i>Social Health Psychology</i>

## ❖ President's Award to Distinguished Doctoral Students

This award is made in recognition of the following criteria:

1. The candidate's dissertation and its research base are of outstanding merit, or
2. The student, in conduct of doctoral work made exceptional contributions to the University, or
3. The student, in completing candidacy overcame personal or social handicaps of an unusual nature.

Leandro Almeida	<i>Physics &amp; Astronomy</i>
Yevgen Borodin	<i>Computer Science</i>
Xiaojing Huang	<i>Physics &amp; Astronomy</i>
Zhi Pan	<i>Materials Science</i>
Ilmo Sung	<i>Physics &amp; Astronomy</i>

## ❖ Dorothy L. Pieper Memorial Purchase Prize

This award is presented to a student in the Master of Fine Arts Program for an outstanding work of visual art. The work winning the Pieper Prize appears on the cover of the Graduate Student Achievements for the corresponding academic year.

Joseph Esser	<i>Studio Art</i>
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## ❖ The Faculty Staff Fellowship Award

This award has been made possible through faculty and staff payroll deduction contributions to the Graduate School Fellowship Fund.

Lauren Neefe	<i>English</i>
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❖ **The Madeline Fusco Fellowship**

This fellowship is awarded to outstanding women or minority doctoral students completing a dissertation.

Rachel Walsh

*English*

❖ **The Mildred and Herbert Weisinger Dissertation Fellowship**

This fellowship is awarded to graduate students completing dissertations that bear significant scholarly promise, and whose work might otherwise be delayed due to financial obligation.

Landon Frim

*Philosophy*