Greetings from the Dean:

Stony Brook’s Graduate Student Achievements has been published every academic year since 1991, providing a record of our students’ outstanding accomplishments. The 2011-2012 issue documents the continuing upward trajectory of our graduate students.

New to this year, we have introduced the “Top Graduate Students” section, highlighting a few select students whose academic achievements were of such exceptional caliber that they merited special recognition. Join me in congratulating all of the students who are mentioned in this publication.

Stony Brook University’s graduate students are quite extraordinary. Among our more than 4000 doctoral and master’s students are numerous winners of prestigious national and international fellowships and research grants. Even at this early stage of their careers, our students command an impressive presence in the research of their disciplines with groundbreaking publications in top scholarly journals and books. They have achieved recognition in the creative arts with acclaimed exhibitions and performances. Our graduate students have won awards for their excellence as teachers. Most important, graduates of our programs take their talents into a variety of professional appointments once they leave Stony Brook University.

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.

Charles Taber
Interim Dean of the Graduate School
Acknowledgements:

The Graduate School would like to extend special thanks to all participating Stony Brook University 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 their program’s achievements.

On the Cover:

Portals by Kathryn Cellerini and Dog Breath by Gina Altadonna

Kathryn Cellerini and Gina Altadonna are graduate students in the Master of Fine Arts program in Studio Arts and the winners of the 2012 Dorothy L. Pieper Memorial Purchase Prize.

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GRADUATE PROGRAMS

COLLEGE OF ARTS AND SCIENCES, Dean: Nancy Squires

Africana Studies
Anthropological Sciences
Anthropology
Art History & Criticism and Studio Art
Biochemistry and Structural Biology
Chemistry
Cultural Analysis & Theory
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
Science Education
Sociology
Theatre Arts
Writing and Rhetoric

COLLEGE OF BUSINESS, Dean: Manuel London

COLLEGE OF ENGINEERING AND APPLIED SCIENCES, Dean: Yacov Shamash

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

SCHOOL OF DENTAL MEDICINE, Dean: Ray Williams

SCHOOL OF MARINE AND ATMOSPHERIC SCIENCES, Dean Minghua Zhang

SCHOOL OF MEDICINE, Dean: Kenneth Kaushansky

Anatomical Sciences
Medical Humanities, Compassionate Care & Bioethics
Molecular and Cellular Pharmacology
Molecular Genetics and Microbiology
Physiology and Biophysics
Public Health

SCHOOL OF PROFESSIONAL DEVELOPMENT, Dean: Paul Jay Edelson

SCHOOL OF SOCIAL WELFARE, Dean: Francis Brisbane

SCHOOL OF JOURNALISM: Dean: Howard Schneider

SCHOOL OF HEALTH TECHNOLOGY AND MANAGEMENT, Dean: Craig Lehman

GEOSPATIAL SCIENCES