

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 2002-2003 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 secretaries who have taken the time to coordinate and submit the program's achievements.

- **On the Cover**

Hallway/Doorway #2 by Sarah Bielski

Sarah Bielski is a graduate student in the Master of Fine Arts program and the winner of the 2003 Dorothy L. Pieper Memorial Purchase Prize

- **Cover Design:** Stefan Hyman
- **Editing and Typesetting:** Stefan Hyman

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GRADUATE PROGRAMS

❖ **BASIC HEALTH SCIENCES**, Vice Dean for Research: Craig Malbon

Anatomical Sciences
Molecular and Cellular Pharmacology
Molecular Genetics and Microbiology
Immunology and Pathology
Oral Biology and Pathology
Physiology and Biophysics

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

❖ **COLLEGE OF ARTS AND SCIENCES**, Dean: James V. Staros

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

❖ **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

❖ **MARINE SCIENCES RESEARCH CENTER**, Dean: David Conover

Coastal Oceanography
Marine Sciences

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

The 2003 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.

Marianne Borroff	<i>Linguistics</i>
Dianne Creagh	<i>History</i>
Theresa Eddins	<i>Sociology</i>
Shannon Lundeen	<i>Philosophy</i>
Andrew Smith	<i>Philosophy</i>
Scott Suarez	<i>Anthropological Sciences</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.

Seth Aubin	<i>Physics and Astronomy</i>
Carola Berger	<i>Physics and Astronomy</i>
Xudong (Deric) Geng	<i>Chemistry</i>
Bonnie Mann	<i>Philosophy</i>
Young-Soo Seo	<i>Materials Science</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.

Sarah Bielski	<i>Art</i>
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❖ **The Madeline Fusco Fellowship**

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

Jenise De Pinto	<i>History</i>
Jennifer Graham	<i>Psychology</i>

❖ **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.

Martin Monsalve	<i>History</i>
Todd Schoepflin	<i>Sociology</i>

ANATOMICAL SCIENCES

GRADUATE DIRECTOR: SUSAN G. LARSON

DEPARTMENT CHAIR: JACK T. STERN

❖ Grants, Fellowships, and Awards

Boyer, D.M. (2002) Graduate Council Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.

Boyer, D.M. (2002) NSF Graduate Research Fellowship, \$21,500/year x 3 years. *National Science Foundation*, Arlington, VA.

Hall, Margaret. (2002) Visiting Scientist Scholarship, \$765. *Field Museum of Natural History*, Chicago, IL.

Hill, R.V. (2002) Dissertation Research: New Data From the Integument and Osteoderms for Amniote Phylogeny, \$8,723. *National Science Foundation*, Arlington, VA.

Metzger, K.A. (2002) Graduate Council Fellowship, \$9,376. *Stony Brook University*, Stony Brook, NY.

Metzger, K.A. (2002) Visiting Scientist Scholarship, \$401. *Field Museum of Natural History*, Chicago, IL.

Metzger, K.A. (2002) Department of Anatomical Sciences Research Grant, \$250. *Stony Brook University*, Stony Brook, NY.

Samonds, K.E. (2002) Dissertation Fellowship, \$15,000. *Cave Conservancy Foundation*, Glen Allen, VA.

Samonds, K.E. (2002) Research Grant, \$500. *Cave Research Foundation*, Oneonta, NY.

Samonds, K.E. (2002) Research Grant, \$1200. *Geological Society of America*, Boulder, CO.

Samonds, K.E. (2002) Visiting Scientist Scholarship, \$840. *The Field Museum of Natural History*, Chicago, IL.

Sipla, J. (2002) Bárány Society Satellite Fellowship, \$1,000. *National Institute on Deafness and Other Communication Disorders*, Bethesda, MD.

❖ Singly Authored Publications/Research Reports/Reviews

Metzger, K.A. (2002) *Topics in Vertebrate Functional and Ecological Morphology*. P. Aerts, A. Herrel, K. D'Aout, and R. Van Damme, Eds. Maastricht, Netherlands: Shaker Publishing BV: 15-46.

❖ Jointly Authored Publications/Research Reports/Reviews

Bloch, J.I., **Boyer, D.M.**, Gingerich, P.D., and Gunnell, G.F. (2002) New Primitive Paromomyid from the Clarkforkian of Wyoming and Dental Eruption in Plesiadapiformes. *Journal of Vertebrate Paleontology* 22: 366-379.

Bloch, J.I., **Boyer, D.M.** (2002) Grasping Primate Origins. *Science* 298: 1606-1610.

Hill, R.V., Witmer, L.M., and Norell, M.A. (2003) A New Specimen of *Pinacosaurus grangeri* (Dinosauria: Ornithischia) from the Upper Cretaceous of Mongolia: Ontogeny and Phylogeny of Ankylosaurs. *American Museum Novitates* 3395: 1-29.

Krause, D.W., Gottfried, M.D., **O'Connor, P.M.**, and E.M. Roberts. (2003) A Cretaceous Mammal from Africa. *Manuscript Submitted Acta Paleontologica Polonica*.

Gottfried, M.D., **O'Connor, P.M.**, Jackson, F. and E.M. Roberts. (2003) Dinosaur Eggshell from the Red Sandstone Group of Tanzania. *Manuscript Submitted Journal of Vertebrate Paleontology*.

- Irwin, M.T., and **Samonds, K.E.** (2003) Range Extension of the Madagascar Red Owl (*Tyto soumagnei*) in Madagascar: The Case of a Rare, Widespread Species? *IBIS* 144: 680-683.
- Godfrey, L.R., **Samonds, K.E.**, Jungers, W.L. and Sutherland, M.R. (2003) Dental Development and Primate Life Histories. *Primate Life Histories and Socioecology*. Peter M. Kappeler and Michael E. Pereira, Eds.
- Schwartz, G.T., **Samonds, K.E.**, Godfrey, L.R., Jungers, W.L. and Simons, E.L. (2002) Dental Microstructure and Life History in Subfossil Lemurs. *Proceedings of the National Academy of Sciences* 99 (9): 6124-6129.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Boyer, D.M.**, and Bloch, J.I. (2002) Bootstrap Comparisons of Vertebral Morphology of Paleocene Plesiadapiforms (Mammalia, ?Primates): Functional Implications. *Geological Society of America* 34: 13A.
- Bloch, J.I., and **Boyer, D.M.** (2002) Phalangeal Morphology of Paleocene Plesiadapiforms (Mammalia, ?Primates): Evaluation of the Gliding Hypothesis and the First Evidence for Grasping in a Possible Primate Ancestor. *Geological Society of American Abstracts with Programs* 34: 13A.
- Boyer, D.M.** and Bloch, J.I. (2002) Structural Correlates of Positional Behavior in Vertebral Columns of Paleocene Small Mammals. *Journal of Vertebrate Paleontology* 22: 38A.
- Bloch, J.I., Silcox, M.T., Sargis, E.J., and **Boyer, D.M.** (2002) Origin and Relationships of Archonta (Mammalia, Eutheria): Re-evaluation of Eudermoptera and Primatomorpha. *Journal of Vertebrate Paleontology* 22: 37A.
- Hall, Margaret.** (2003) Anatomical Correlates of Activity Pattern in Birds. *Journal of Integrative and Comparative Biology* 43.
- Hall, Margaret.** (2002) Hard Tissue Correlates of Activity Pattern in Birds. *Northeastern Regional Conference of Integrative and Comparative Biology*. Harvard University, Boston, MA.
- Hill, R.V.** (2002) Skin and Bones: Using Characters of the Integument for Amniote Phylogeny Reconstruction. *Hofstra University Biology Seminar Series*. Hofstra University, Hempstead, NY.
- Hill, R.V.**, Pol, D., Rougier, G.W., Muzzopappa, P., and Puerta, P. (2002) New Dinosaur Fossils from the Late Cretaceous La Colonia Formation, Chubut Province, Argentina. *62nd Annual Meeting of the Society of Vertebrate Paleontology*. Sam Noble Museum of Natural History, Norman, OK.
- Demes, B., **Metzger, K.A.**, and Larson, S. (2003) The Functional Significance of the Primate Fibula. *Am. J. Phys. Anthropol.* 120 (S36): 87.
- Metzger, K.A.** and Ross, C. (2002) Adaptive Value of the Intramandibular Joint in Archosaurs: *In vivo* Evidence from Crocodylians. *62nd Annual Meeting of the Society of Vertebrate Paleontology*. Sam Noble Museum of Natural History, Norman, OK.
- O'Connor, P.M.** (2003) Pulmonary Pneumaticity in the Postcranial Skeleton of Extant Anseriformes. Submitted to the *Society for Integrative and Comparative Biology*.
- O'Connor, P.M.** (2003) Pulmonary Pneumaticity in Nondinosaurian Archosaurs with Comments on Erythrosuchus and Distal Forelimb Pneumaticity in Pterosaurs. *Journal of Vertebrate Paleontology* 22: 93A.
- Roberts, E.M., Gottfried, M.D., and **P.M. O'Connor.** (2003) Stratigraphy and Sedimentology of the Red Sandstone Group in the Songwe Valley, Tanzania: Definitive New Evidence for a Mesozoic Age. *American Association of Petroleum Geologists*.
- Samonds, K.E.** and Godfrey, L.R. (2003) Schultz's Rule and Dental Development in Malagasy Lemurs: A Cautionary Tale. *Am. J. Phys. Anthropol.* 120 (S36): 182.

ANATOMICAL SCIENCES

Johnson, S.E., Irwin, M.T., Wright, P.C., Arrigo-Nelson, S., Grassi, C., **Samonds, K.E.**, Smith, T.A. (2003) Natural and Anthropogenic Influences on Lemur Population Structure in Southeastern Madagascar. *Am. J. Phys Anthropol.* 120 (S36): 123.

Samonds, K.E. and Zalmout, I. (2002) New Selachian Assemblage from the Marine Paleogene of Madagascar. *Journal of Vertebrate Paleontology* 22: 102A.

Sipla, J., Ross, C.F. and Larson, S.G. (2003) Kinematics and EMG Activation of Head-Neck Muscles During Locomotion. *Am. J. Phys. Anthropol.* 120 (S56): 193.

Sipla, J. (2002) Kinematics of Head Posture During Galloping Locomotion in *Erythrocebus patas*. *Bárány Society Pre-Meeting Satellite on Vestibular Influences on Movement*. Orcas Island, WA.

Sipla, J. (2002) Kinematics of Head Posture During Galloping Locomotion in *Erythrocebus patas*. *Bárány Society 22nd Regular Meeting*. Seattle, WA.

❖ Original Artwork Appearances

Illustration by **D.M. Boyer** in: Bloch, J.I., **Boyer, D.M.**, Gingerich, P.D., and Gunnell, G.F. (2002) New Primitive Paromomyid from the Clarkforkian of Wyoming and Dental Eruption in Plesiadapiformes. *Journal of Vertebrate Paleontology* 22: 366-379.

Illustration by **D.M. Boyer** in: Bloch, J.I. and **Boyer, D.M.** (2002) Grasping Primate Origins. *Science* 298: 1606-1610.

Illustration by **D.M. Boyer** in: Sargis, E.J. (2002) Primate Origins Nailed. *Science* 298: 1503-1666.

Illustration by **D.M. Boyer** in: *Journal of Mammalian Evolution*, Cover Illustration Starting with Vol. 24 (January 2003).

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: BRIGITTE DEMES

❖ Grants, Fellowships, and Awards

- Abe, Y.** (2002) Individual Research Grant, \$20,000. *The Wenner-Gren Foundation*, New York, NY.
- Beyin, Emanuel.** (2002/2003) Baldwin Mosher Fellowship, \$12,300. *Leakey Foundation*, San Francisco, CA.
- Cole, Jennifer M.** (2003) U-series Geochemistry Short Course Student Travel Grant. *Mineralogical Society of America and Geochemical Society*.
- Cole, Jennifer M.** (2002) Sigma Xi Excellence in Research Award. *Sigma Xi Stony Brook Chapter*, Stony Brook, NY.
- Derby, Abigail.** (2003) Tinker Field Research Grant, \$685.
- Gilbert, C.C.** (2001-2006) Graduate Council Fellowship, \$14,500/year. *Stony Brook University Graduate School*, Stony Brook, NY.
- Gilbert, C.C.** (2001-2004) Presidential Fellowship, \$2,500/year. *Stony Brook University Graduate School*, Stony Brook, NY.
- Irwin, Mitchell.** (2003) Margo March Foundation Grant, \$16,000.
- Lodwick, Jessica.** (2003) Honorable Mention in the National Science Foundation Graduate Research Fellowship Competition. *National Science Foundation*, Arlington, VA.
- Merwin, Daria.** (2002) Tibor T. Polgar Fellowship, \$3,500. *Hudson River Foundation*, New York, NY.
- Patel, B.A.** (2002-2003) Presidential Fellowship, \$2,500. *Interdepartmental Doctoral Program in Anthropology Sciences, Stony Brook University*, Stony Brook, NY.
- Martin, L., and **Smith, T.M.** (2002) National Science Foundation Doctoral Dissertation Improvement Grant: Incremental Development of Primate Enamel, \$12,000. *National Science Foundation*, Arlington, VA.
- Stevens, N.J.,** and A.R. Biknevicius. (2002) Ohio University Baker Award. Age-dependent Changes in Customary Bone Stress Levels in Mammals: How do Body Size and Shape Affect Bone Mechanics? \$6725. *Ohio University*, Athens, OH.
- Suarez, S.** (2003) President's Award for Excellence in Teaching by a Graduate Student. *Stony Brook University*, Stony Brook, NY.
- Young, Jesse.** (2003) National Science Foundation Graduate Research Fellowship, \$27,500. *National Science Foundation*, Arlington, VA.

❖ Singly Authored Publications/Research Reports/Reviews

- Davis, Zachary.** (in press) The PS 56R Site - A Vosburg Habitation in southern Staten Island. *Bulletin of the Archaeological Society of New Jersey*.
- Hirsch, B.T.** (2002) Vigilance and Social Monitoring in Brown Capuchin Monkeys (*Cebus apella*) *Behavioral Ecology and Sociobiology* 52: 458-464.

❖ **Jointly Authored Publications/Research Reports/Reviews**

- Abe, Y.**, Marean, C.W., Nilssen, P.J., Assefa, Z., and Stone, E. (2002) The Analysis of Cutmarks on Archaeofauna: A Review and Critique of Quantification Procedures, and a New Image-Analysis GIS Approach. *American Antiquity* 67 (4): 643-664
- Bradley, B.J.**, Vigilant L. (2002) False Alleles Derived from Microbial DNA Pose Potential Source of Error in Microsatellite Genotyping of DNA from Feces. *Molecular Ecology Notes* 2: 602-605.
- Bradley, B.J.**, Vigilant L. (2002) Evolutionary Genetics and Molecular Ecology of Chimpanzees and Bonobos. *Behavioral Diversity in Chimpanzees and Bonobos*. Boesch C, Hohmann G, and Marchant L, Eds. Cambridge University Press.
- Marean, C., and **Cleghorn, N.** (in press) Large Mammal Skeletal Element Transport: Applying Foraging Theory in a Complex Taphonomic System. *Journal of Taphonomy* (55 pp.).
- Cole, Jennifer M.**, Rasbury, E.T., Hanson, G.N., Montañez, I.P., Pedone, V.A., Becker, M.L. (submitted) Direct Dating of Terrestrial Sequences with Uranium-lead Ages of Tufa Calcite. *Geochimica et Cosmochimica Acta*.
- Cole, Jennifer M.**, Nienstedt, J., Spataro, G., Rasbury, E.T., Lanzirotti, A., Celestian, A.J., Nilsson, M., Hanson, G.N. (2003) Phosphor Imaging as a Tool for in Situ Mapping of ppm Levels of Uranium and Thorium in Rocks and Minerals. *Chemical Geology* 193: 127- 136.
- Cole, Jennifer M.**, Nest, D., Lanzirotti, A., Rasbury, T., Hanson, G. (2002) Incorporation of Uranium and Other Trace Elements in Lacustrine Tufa Calcite. *National synchrotron Light Source Activity Report 2002, Abstracts: Cole0324*.
- Pochron, S.T., Fitzgerald, J., **Gilbert, C.C.**, Lawrence, D., Grgas, M., Rakotonirina, G., Ratsimbazafy, R., Rakatoso, R., and Wright, P.C. (in review) Patterns of Female Dominance in *Propithecus diadema edwardsi* of Ranomafana National Park, Madagascar. *American Journal of Primatology*.
- Doran, D.M., Jungers, W.L., Sugiyama, Y., Fleagle, J.G. and **Heesy, C.P.** (2002) Multivariate and Phylogenetic Approaches to Understanding Chimpanzee and Bonobo Behavioral Diversity. *Behavioural Diversity in Chimpanzees and Bonobos*. C. Boesch, G. Hohmann and L.F. Marchant, Eds. Cambridge: Cambridge University Press: 14-34.
- Larney, E.**, Larson, S.G. (2003) Compliant Walking in Primates: Elbow and Knee Yield in Primates Compared to Other Mammals. *American Journal of Physical Anthropology* (submitted).
- Borries, C., **Larney, E.**, Derby, A.M., Koenig, A. (2003) Temporary Absence and Dispersal in Phayre's Leaf Monkeys (*Trachypithecus phayrei*). *Folia Primatologica* (submitted).
- Borries, C., **Larney, E.**, Kreetiyutanont, K., Koenig, A. (2002) The Diurnal Primate Community in a Dry Evergreen Forest in Phu Khieo Wildlife Sanctuary, Northeast Thailand. *Natural History Bulletin of the Siam Society* 50: 75-88.
- Grassman, L.I. Jr., **Larney, E.** (2002) Survival of a Radio-collared Leopard in Kaeng Krachan. *Natural History Bulletin of the Siam Society* 50: 109-110.
- Merwin, Daria**, and Bernstein, David. (2003) A GIS-Based Model for Predicting the Location of Prehistoric Archaeological Sites in New York Harbor. *Final Reports of the Tibor T. Polgar Fellowship Program 2002*. J.R. Waldman and W.C. Nieder, Eds. New York: Hudson River Foundation.
- Geraads, D., Alemseged, Z., **Reed, D.**, Wynn, J. (in review) The Pleistocene Fauna from Asbole, Lower Awash Valley, Ethiopia, and its Environmental and Biochronological Implications. *Geobios*.
- Smith, T.M.**, Martin, L.B., and Leakey, M.G. (2003) Enamel Thickness, Microstructure, and Development in *Afropithecus turkanensis*. *J. hum Evol.* 44 (in press).
- Kelley, J., and **Smith, T.M.** (2003) Age at First Molar Emergence in Early Miocene *Afropithecus turkanensis* and Life-history Evolution in the Hominoidea. *J. hum Evol.* 44 (in press).

- Stevens, N.J., and P.M. O'Connor.** (in review) *Primate Biogeography*. J.G. Fleagle, and S. Lehman, Eds.
- Stumpf, R.M.,** and C. Boesch. (submitted) Does Promiscuous Mating Preclude Female Choice? Female Sexual Strategies and Mate Preference in Chimpanzees of the Taï Forest, Côte d'Ivoire. *Animal Behavior*.
- Stumpf, R.M.,** J.D. Polk, J.F. Oates, W.L. Jungers, C.P. Heesy, C.P. Groves, and J.G. Fleagle. (2002) Patterns of Diversity in Gorilla Cranial Morphology. *Gorilla Biology: A Multidisciplinary Perspective*. A. Taylor and M Goldsmith, Eds. Cambridge, MA: Cambridge University Press.
- Wyner Y.M., Johnson S.E., **Stumpf, R.M.,** and DeSalle R. (2002) A Genetic Assessment of a White-collared X Red-fronted Lemur Hybrid Zone at Andringitra, Madagascar. *American Journal of Primatology* 57 (2): 51-66.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- N. Røv, and **Abe, Y.** (2002) Human-bear Relationships Among Forest Living Reindeer-herders in Eastern Siberia. *14th International Congress on Bear Research and Management*. Steinkjer, Norway.
- Bradley, B.J.,** Doran, D., C. Cipolletta, Todd, A., Stokes, E., Boesch, C., and Vigilant L. (2003) Population-level Genetic Variability in Wild Western Gorillas (*Gorilla gorilla*). *Am. J. Phys. Anthropol. Suppl.36: 71.*
- Cole, Jennifer M.** (2003) Participant. *U-series Geochemistry Short Course, Mineralogical Society of America and Geochemical Society*. Paris, France.
- Nienstedt, J., McCall, K., **Cole, Jennifer M.,** Lanzirrotti, A., Rasbury, E.T. (2002) Interpreting Uranium Incorporation in Sedimentary Environments. *National Synchrotron Light Source Annual User's Meeting*. Upton, NY.
- Coleman, M.** (2003) An Investigation of Scaling Relationships in Sensory and Masticatory Systems of New World Primates. *Am. J. Phys. Anthropol. Suppl. 36: 78.*
- Davis, Zachary.** (2003) Paleoindian Lithic Foragers in the Delaware Water Gap: Integrating Lithic Resource Distribution and Lithic Technological Strategies. *Meeting of the Archaeological Society of New Jersey*. New Jersey State Museum, Trenton, NJ.
- Derby, A.,** Heesy, C.P., and Ross, C.F. (2003) Allometric and Functional Influences on Orbit Orientation in Didelphid and Phalangerid Marsupials. *Am. J. Phys. Anthropol. Suppl. 36: 88.*
- Betz, O.M., Betz, V.M., **Fajardo, R.,** Palmer, G.D., Gouze, E., Gouze, J.N., Pascher, A., Liew, V., Vraha, M.S., Bouxsein, M.L., Ghiyzzani, S.C., Gerstenfeld, L.C., Einhorn, T.A., and Evans, C.H. (2003) Use of Direct BMP-2 Gene Delivery to Enhance the Healing of Segmental Bone Defects: Evaluation in the Rat Model. *Orthopedic Research Society Meeting*. New Orleans, LA.
- Gilbert, C.C.** (2003). Reconstructing and Comparing Primate Communities from the Eocene of North America and Europe. *Am. J. Phys. Anthropol. Suppl. 36: 100.*
- Heesy, C.P.** (2003) The Ecology of Mammalian Orbit Orientation. *Am. J. Phys. Anthropol. Suppl. 36: 112.*
- Grine, F.E., **Heesy, C.P.,** Smith, E., and **Smith, H.** (2003) Taxonomic Affinities of early Homo from Sterkfontein and Swartkrans: Evidence from Permanent Molar Cusp Proportions. *Am. J. Phys. Anthropol. Suppl. 36: 104.*
- Johnson, S.E., **Irwin, M.T.,** Wright, P.C., **Arrigo-Nelson, S.,** Grassi, C., Samonds, K., and **Smith, T.M.** (2003) Natural and Anthropogenic Influences on Lemur Population Structure in Southeastern Madagascar. *Am. J. Phys. Anthropol. Suppl. 36: 123.*
- Kamilar, Jason.** (2003) The Relationship between Sexual Dimorphism and Male-female Dietary Niche Separation in Haplorhine Primates. *Am. J. Phys. Anthropol. Suppl. 36: 126.*

ANTHROPOLOGICAL SCIENCES

- Kamilar, Jason.** (2003) The Relationship between Ecological and Behavioral Intraspecific Variation in Cercopithecoid Primates: A Comparative Approach. *Annual Meeting of the American Society of Primatologists*. Calgary, Alberta, Canada.
- Borries, C., **Larney, E.**, Derby, A.M., Koenig, A. (2003) Social Organization and Demographic Change in Phayre's Leaf Monkeys. *American Journal of Primatology* (abstract).
- Koenig, A., **Larney, E.**, Kreetiyutanont, K., Borries, C. (2003) The Primate Community of Phu Khieo Wildlife Sanctuary, Northeast Thailand. *American Journal of Primatology* (abstract).
- Larney, E.**, Larson, S.G. (2003) Limb Compliance during Walking: Comparisons of Elbow and Knee Yield Across Quadrupedal Primates and in other Mammals. *Am. J. Phys. Anthropol. Suppl. 36*: 135.
- Merwin, Daria** (2003) The Potential for Submerged Prehistoric Site in Northern New Jersey. *Archaeological Society of New Jersey Annual Spring Meeting*. West Long Branch, NJ.
- Patel, B.A.** (2003) The Comparative Morphology of the Oblique Cord in Non-human Anthropoid Primates. *Am. J. phys Anthropol. Suppl. 36*: 166.
- Ross, C.F., and **Patel, B.A.** (2003) Temporal Relationship of EMG and Muscle Force in the Anterior Temporalis Muscle and its Utility for Finite Element Modeling. *Am. J. Phys. Anthropol. Suppl. 36*: 180.
- Smith, T.M.**, Dean, M.C., Kelley, J., Martin, L.B., Reid, D.J., and Schwartz, G.T. (2003) Molar Crown Formation in Miocene Hominoids: A Preliminary Synthesis. *Am. J. Phys. Anthropol. Suppl. 36*: 196.
- Biknevicius, A.R., and **N.J. Stevens.** (2003) Differential Function of Trailing and Leading Limbs in Galloping Dogs. *Meetings of the Society for Integrative and Comparative Biology*. Toronto, Ontario, Canada.
- Lammers, A.R., A.J. Parchman, K.D. Earls, A.R. Biknevicius, S.M. Reilly, and **N.J. Stevens.** (2003) The Effects of Incline on Limb Forces in a Quadrupedal Mammal. *Meetings of the Society for Integrative and Comparative Biology*. Toronto, Ontario, Canada.
- Edinger, J., P. Dane, and **N.J. Stevens.** (2003) Problem-Based Learning: How can I use it in MY course? *Spotlight on Learning, Ohio University*. Athens, Ohio.
- Reed, D.N.** (2003) Ecological Trends in the Distribution of Micromammals Recovered from Owl Pellets in Northern Tanzania: Using Modern Systems to Calibrate Paleoenvironmental Analyses. *Am. J. Phys. Anthropol. Suppl. 36*: 176.
- Stevens, N.J.** (2003) How does Branch Stability Influence Prosimian Arboreal Quadrupedalism? *Am. J. Phys. Anthropol. Suppl. 36*: 200.
- Stevens, N.J.** (2002) Case-based Workshop for Small Group Facilitation. *Clinical Presentation Curriculum, Ohio University College of Osteopathic Medicine*. Athens, OH.
- Stumpf, R.M.**, and C. Boesch. (2003) Female Reproductive Strategies in Chimpanzees of the Tai Forest, Côte d'Ivoire: Do Females Exhibit Preferences for Particular Males. *Am. J. Phys. Anthropol. Suppl. 36*: 203.
- Suarez, S.** (2003) Route Choice in Spider Monkeys: A Spatially Explicit Model using GIS. *Am. J. Phys. Anthropol. Suppl. 36*: 203–204.
- Campbell, C.J., Aurelli, F., Chapman, C.A., Ramos-Fernandez, G., Matthews, K., Russo, S.E., **Suarez, S.**, Vick, L. (2003) Terrestrial Behavior of Spider Monkeys (*Ateles ssp.*): A Comparative Study. *Am. J. Phys. Anthropol. Suppl. 36*: 74.
- Suarez, S.** (2002) Spider Monkeys and the Challenge of Frugivory. *New York State Biological Anthropology Conference*.

Wheeler, Brandon. (2003) Community Ecology of the Middle Miocene Primates of La Venta, Colombia: The Relationship Between Divergence Time and Ecological Diversity. *Am. J. Phys. Anthropol. Suppl.* 36: 223.

❖ **Post-Doctorates Obtained and Professional Appointments**

Bradley, B.J. (2003) Postdoctoral Appointment. Department of Primatology, *Max Planck Institute for Evolutionary Anthropology*, Leipzig, Germany.

Cole, Jennifer M. (2003) Earth Institute Postdoctoral Fellow. Earth Institute, *Columbia University*, New York, NY.

Fajardo, R. (2002) Research Fellow. Orthopedic Biomechanics Laboratory, *Harvard Medical School and Beth Israel Deaconess Medical Center*, Boston, MA.

Lam, Y. (2003) Assistant Professor, Dept. of Anthropology, University of Victoria, Canada.

Polk, J.P. (2003). Assistant Professor, Dept. of Anthropology, *University of Illinois*, IL.

Reed, D. (2002) Consultant. *National Museum of Natural History*, Washington D.C.

Stevens, N.J. (2002) Assistant Professor. Department of Anatomy, *Ohio University*, Athens, OH.

Stumpf, R.M. (2003) Assistant Professor. Dept. of Anthropology, *University of Illinois*, IL.

Suarez, S. (2003) Postdoctoral Research Associate to study the Behavioral Ecology of the Phayre's Leaf Monkey at Phu Khieo Wildlife Sanctuary, Thailand. Anthropology Department *Stony Brook University*, Stony Brook, NY.

❖ **Internship Appointments**

Pokempner, Amy. (2002-2003) Intern, Africa Program *Wildlife Conservation Society*, Bronx, NY.

APPLIED MATHEMATICS AND STATISTICS

GRADUATE DIRECTOR: WOO JONG KIM
DEPARTMENTAL CHAIR: JAMES GLIMM

❖ Grants, Fellowships, and Awards

- Anania, Christine.** (2002/2003) VIGRE Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- Braunstein, Janet.** (2002/2003) Graduate Council Fellowship. Graduate School, *Stony Brook University, Stony Brook, NY.*
- Castaneda, Anabel.** (2002/2003) Turner Fellowship. Graduate School, *Stony Brook University, Stony Brook, NY.*
- Combs, Michael.** (2002/2003) GAANN Fellowship, \$9,000. *Department of Education, Washington, D.C.*
- Divers, Jasmin.** (2002/2003) GAANN Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- George, Erwin.** (2002/2003) VIGRE Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- Ghozhati, Seyed.** (2002/2003) GAANN Fellowship, \$9,000. *Department of Education, Washington, D.C.*
- Heller, Jason.** (2002/2003) Graduate Council Fellowship. Graduate School, *Stony Brook University, Stony Brook, NY.*
- John, Elizabeth.** (2002/2003) GAANN Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- Juhnke, Karl.** (2002/2003) VIGRE Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- Pestieau, Jean.** (2002/2003) VIGRE Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- Pollard, Richard.** (2002/2003) GAANN Fellowship, \$18,000. *Department of Education, Washington, D.C.*
- Wu, Shuruo.** (2002) GAANN Fellowship, \$18,000. *Department of Education, Washington, D.C.*

❖ Jointly Authored Publications/Research Reports/Reviews

- Weaver, C.M., Pinezich, J.D., Lindquist, W.B., Vazquez, M.E.** (2003) An Algorithm for Neurite Outgrowth Reconstruction. *Journal of Neuroscience Method* (submitted).

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

- Prodanovic, M.** (2002) Industrial Mathematics Modeling Workshop for Graduate Students. *Center for Research in Scientific Computation and Department of Math, NCSU, Raleigh N.C.*
- Weaver, C.M., Lindquist, W.B., Wearne, S.L., Hof, P.R.** (2003) Automated Morphology of Neural Cells. AWM Minisymposium on Applications in Biology and Fluids. *Siam Annual Meeting, Montreal, Quebec, Canada.*

❖ Post-Doctorates Obtained and Professional Appointments

- Ju, Charles.** (2002) Postdoctoral Fellow. *Korea Basis Science Institute, Daejeon, Korea.*
- Marchese, Andrea.** (2002) Postdoctoral Fellow. Applied Mathematics and Statistics Department, *Stony Brook University, Stony Brook, NY.*

Shon, Dewon. (2002) Visiting Assistant Professor. *Worcester Polytechnic Institute*, Worcester, MA.

Xu, Zhiliang. (2003) Postdoctoral Fellow. Applied Mathematics and Statistics Department, *Stony Brook University*, Stony Brook, NY.

❖ **Software Developed**

Fei, J. (2002) Short-Range Area Planning and Load Forecasting. *Stony Brook University*, Stony Brook, NY.

ART

GRADUATE DIRECTOR: BARBARA FRANK

DEPARTMENTAL CHAIR: JAMES RUBIN

❖ Grants, Fellowships, and Awards

Carl, Katherine, and Normal Group for Architecture. (2002) Interactive Normalization, \$10,000 joint grant. *Trust For Mutual Understanding*, New York, NY.

Diago, Kate. (2003) W. Burghardt Turner Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.

Thompson, Allison. (2003) Lewis A. Tyler Trustees Fund Award, \$800. *LASPAU: Academic and Professional Programs for the Americas*, Cambridge, MA.

❖ Singly Authored Publications/Research Reports/Reviews

Balsiger, Chris. (2003) Rooms with a View: Walk-In Paintings. *James Rosenquist: A Retrospective*. Sarah Bancroft and Walter Hopps, Eds. New York, NY.

Carl, Katherine. (2003) Here Tomorrow: Making Croatian Art History Today. *Journal of Croatian Studies* (forthcoming).

Carl, Katherine. (2002) Recitativo: Of Divas and Dishes. *Fritzie Brown: Recitativo*. Zagreb, Croatia: Miroslav Kraljevic Gallery.

Gasparavicius, Gediminas. (2002) Kur Post Ars paliėka pedasaka (The Trace of the Post Ars Group; in Lithuanian). *Septynios Meno Dienos* 533: 6.

Swenson, Kirsten. (2003) 'Like War Machines. With Teeth': Lee Bontecou's Cold War Reliefs. *American Art. Smithsonian American Art Museum*. Washington D.C.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Carl, Katherine. (2002) Go_HOME. *College Art Association Annual Conference*. Philadelphia, PA.

Carl, Katherine. (2002) The Process of Going_HOME. *Interactive Normalization*. Belgrade, Serbia.

Thompson, Allison. (2003) Discussing Popular Art in the Caribbean. *CAA - College Art Association 91st Annual Conference*. New York, NY.

❖ Curatorial Appointments

Carl, Katherine. (2002) Go_HOME. *ArtsLink*, New York, NY.

Gasparavicius, Gediminas. (2002) Co-curator of the Exhibition *80 Years of Kaunas Art Institute*. (About 200 art objects). *Kaunas Picture Gallery*. Kaunas, Lithuania.

❖ Exhibitions/Performances

Prucher, Raymond, Grimes, Nancy, Hogan, B., Kolman, C., Klein, J.D., Mastrangelo, B., Schaumberger, A. (2003) Group Exhibition, Objects of Interest. *Omni Gallery*, Uniondale, NY.

❖ Internship Appointments

Balsiger, Chris. (2003) Internship. *Guggenheim Museum*, New York, NY.

O'Brien, Kelly. (2003) Internship. *Guggenheim Museum*, New York, NY.

❖ Post-Doctorates Obtained and Professional Appointments

Gasparavicius, Gediminas. (2002) Summer Course Instructor. *From Art History to Visual Culture: Studying the Visual After the Cultural Turn*. Resource Persons: Kobena Mercer, Piotr Piotrowski, Nicholas Mirzoeff, Hillary Robinson, Stephen Mansbach, Margaret Dikovitskaya, Edit Adras. Certificate awarded. *Central European University*, Budapest, Hungary.

BIOMEDICAL ENGINEERING

GRADUATE DIRECTOR: PARTAP KHALSA

DEPARTMENT CHAIR: CLINTON RUBIN

❖ Grants, Fellowships, and Awards

- Azeloglu, E.U.** (2002) 2nd Place in International ASME Pressure Vessels and Piping Division Student Paper Competition, \$1,000. *American Society of Mechanical Engineers*, New York, NY.
- Bien, H.** (2002) Seed Grant, \$2,430. *American Medical Association Foundation*, Chicago, IL.
- Bien, H.** (2002) Travel Award, \$200. *Sigma Xi*, Research Triangle Park, NC.
- Bien, H.** (2002) Student Paper Competition, \$300. *Engineering in Medicine and Biology Society (EMBS)*, Piscataway, NJ.
- Chiu, Jonathan.** (2002) Coulter Travel Grant Award, \$500. 2002 BMES Annual Fall Meeting, *Biomedical Engineering Society*, Landover, MD.
- Garman, R.** (2003) Graduate Student Researchers Program Fellowship Award, \$24,000. *NASA*, Washington, D.C. (submitted).
- Garman, R.** (2003) Orville and Wilbur Wright Graduate Award, \$10,000. *ALAA Foundation*, Reston, VA (submitted).
- Garman, R.** (2002) Coulter Travel Award, \$500. *Biomedical Engineering Society*, Landover, MD.
- Garman, R.** (2002) Research Access Program Travel Grant, \$250. *Graduate Student Organization of Stony Brook University*, Stony Brook, NY.
- Garman, R.** (2002) Student Fellowship, \$3000. *National Osteoporosis Foundation*, Washington, D.C.
- Ianuzzi, A., Little, J., Chiu, J., Baitner, A., Kawchuk, G., Khalsa, P.** (2003) Human Lumbar Facet Capsule Strains: I. During Physiological Motion. Runner-Up in the Outstanding Paper Competition, co-sponsored by the *North American Spine Society* and *The Spine Journal*.
- Judex, S., **Garman, R.**, Squire, M., Rubin, C. (2002) Calgary Award in Orthopedic Biomechanics. *IV World Congress of Biomechanics*, Calgary, Alberta, Canada.
- Kaplan, T.A.** (2002) National Osteoporosis Foundation's Student Fellowship, \$3000. *National Osteoporosis Foundation*, Washington D.C.
- Kaplan, T.A.** (2002) Coulter Travel Award, \$500. *Biomedical Engineering Society*, Landover, MD.
- Kaplan, T.A.** (2002) Research Access Program Travel Grant, \$250. *Graduate Student Organization Stony Brook University*, Stony Brook, NY.
- Lam, H.Y.** (2003) Northeast Bioengineering Travel Grant, \$100. *The 29th Annual Northeast Bioengineering Conference*, NJ.
- Lam, H.Y.** (2002-2003) Presidential Fellowship Award, \$2000. *Stony Brook University*, Stony Brook, NY.
- Levine, Jacob.** (2002) New Jersey Center for Biomaterials Student Scholarship, \$250. *New Jersey Center for Biomaterials*, New Brunswick, NJ.

- Little, J.,** Ianuzzi, A., Chiu, J., Baitner, A., Khalsa, P. (2003) Human Lumbar Facet Joint Capsule Strains: II. Alteration of Strains Subsequent to Anterior Interbody Fixation. Runner-Up in the Outstanding Paper Competition, co-sponsored by the North American Spine Society and The Spine Journal.
- Mittra, E.S.** (2003) Travel Award, \$100. *IEEE Engineering in Medicine and Biology Society*, Washington, D.C.
- Mittra, E.S.** (2003) Travel Award, \$400. *Paleoanthropology Society*, Washington, D.C.
- Mittra, E.S.** (2002) Coulter Foundation Travel Award, \$500. *Biomedical Engineering Society*, Landover, MD.
- Mittra, E.S.** (2002) Mazeness Summer Fellowship, \$3000. *National Osteoporosis Foundation*, Washington, D.C.
- Squire, M.** (2003) Graduate Student Researchers Program Fellowship. *NASA*, Washington D.C.
- Squire, M.** (2003) AIAA Foundation Orville and Wilbur Wright Graduate Awards. *American Institute of Aeronautics and Astronautics*, Reston, VA (pending).
- Judex, S., Garman, R., **Squire, M.**, Rubin, C. (2002) Calgary Award in Orthopaedic Biomechanics. *IV World Congress of Biomechanics*, Calgary, Alberta, Canada.
- Squire, M.** (2002) Student Travel Award to the 2nd Joint Meeting of the IEEE Engineering in Medicine and Biology and the Biomedical Engineering Society conference (EMBS-BMES 2002), \$500. *Biomedical Engineering Society (BMES)*, Landover, MD.
- Squire, M.** (2002) Resource Access Program (RAP) Travel Grant, \$250. *Stony Brook University Graduate Student Organization (GSO)*, Stony Brook, NY.
- Szema, Robert.** (2003) NCHIA Advanced E-Team Grant, \$17,100. *The Lemelson Foundation*, Hadley, MA.
- Yin, Lihong.** (2002) Travel Award, \$500. *2nd Joint BMES-EMBS Annual Conference*, Houston, TX.
- Xia, Yi.** (2002) BMES Coulter Foundation travel award, \$500. *Coulter Foundation*, Huston, TX.
- Zou, R.** (2002) Student Travel Award for the Second Joint Meeting of *IEEE BMES/EMBS*, \$500. *Biomedical Engineering Society*, Houston, TX.

❖ **Jointly Authored Publications/Research Reports/Reviews**

- Ernst, T., Chang, L., Jovicich, J., Ames, N., **Arnold, S.** (2002) Abnormal Brain Activation on Functional MRI in Cognitively Asymptomatic HIV Patients. *Neurology* 12;59 (9): 1343-9.
- Gaudette, G.R., **Azeloglu, E.U.**, Oleszak, L., Saltman, A.E., Krukenkamp, I.B., Chiang, F.P. (2003) Determination of Regional Area Stroke Work with High Spatial Resolution in the Heart. *Cardiovascular Engineering* 3 (4): (in press).
- Entcheva, E., and **Bien, H.** (2002) Tension Development and Nuclear Eccentricity in Topographically Controlled Cardiac Syncytium. *J Biomed Microdev* (in press).
- Judex, S., **Garman, R.**, Squire, M., Bhusa, B., Donahue, L.R., Rubin, C.T. (in review) Genetic Modulation of Disuse Related Bone Loss in Female Mice is Strongly Site-specific. *Journal of Bone and Mineral Research*.
- Shu, X.Z., **Ghosh, K.**, Liu, Y., Palumbo, F.S., Clark, R.A., Prestwich, G.D. (2003) Incorporation of Arg-Gly-Asp (RGD) Peptides into an Injectable Hyaluronan-based Hydrogel Promotes Cell Proliferation *in vitro* and Fibrous Tissue Regeneration *in vivo*. *Journal of Biomedical Materials Research* (submitted).
- Ianuzzi, A.,** Little, J., Chiu, J., Baitner, A., Kawchuk, G., Khalsa, P. (2003) Human Lumbar Facet Capsule Strains: I. During Physiological Motion. *The Spine Journal*(accepted).

- Little, J., **Ianuzzi, A.**, Chiu, J., Baitner, A., Khalsa, P. (2003) Human Lumbar Facet Joint Capsule Strains: II. Alteration of Strains Subsequent to Anterior Interbody Fixation. *The Spine Journal* (accepted).
- Lombardo, F., **Komatsu, D.**, and Hadjiargyrou, M. (2003) Molecular Cloning and Characterization of MUSTANG, a Novel Nuclear Protein Expressed During Bone Development and Regeneration. *J. Bone Miner. Research*.
- DeWitt, A., Iida, T., **Lam, H.Y.**, Hill, V., Wiley, H.S., Lauffenburger, D.A. (2002) Affinity Regulates Spatial Range of EGF Receptor Autocrine Ligand Binding. *Developmental Biology* 250 (2): 305-316.
- Olabi, A., Hunter, J., Jackson, P., **Levine, Jacob.** (2002) Work Measurement for Estimating Food Preparation Time of a Bioregenerative Diet. *Life Support and Biosphere Science* (in press).
- Levine, Jacob**, Clark, R., Ren, X.D. (2002) The Development of a Smart™ Matrix to support Robust Fibroblast Migration. *M.S. Thesis- Stony Brook University* (in press).
- Ianuzzi, A., **Little, J.**, Chiu, J., Baitner, A., Kawchuk, G., Khalsa, P. (2003) Human Lumbar Facet Capsule Strains: I. During Physiological Motion. *The Spine Journal* (submitted).
- Little, J.**, Ianuzzi, A., Chiu, J., Baitner, A., Khalsa, P. (2003) Human Lumbar Facet Joint Capsule Strains: II. Alteration of Strains Subsequent to Anterior Interbody Fixation. *The Spine Journal* (submitted).
- Luu, Y.K.**, Kim, K., Hsiao, B.S., Chu, B., Hadjiargyrou, M. (2003) Development of a Nanostructured DNA Delivery Scaffold via Electrospinning of PLGA and PLA-PEG Block Copolymers. *Journal of Controlled Release* (in press).
- Mittra, E.S.**, A.J. Singer, D. Bluestein, J.D. Hollander. (2003) Simulated Wound Irrigation Impact Pressures. *Israeli Journal of Trauma, Critical Care, and Emergency Medicine* (in press).
- Squire, M.**, Donahue, L.R., Rubin, C., Judex, S. (2003) Dependency of Disuse Osteopenia on Genetics and Gender. *Journal of Applied Physiology* (submitted).
- Judex, S., **Squire, M.**, Garman, R., Donahue, L.R., Rubin, C. (2003) Site-Specific Regulation of Trabecular and Cortical Bone Morphology by Gender and Genetics. *Journal of Bone and Mineral Research* (submitted).
- Judex, S., Garman, R., **Squire, M.**, Busa, B., Donahue, L.R., Rubin, C. (2003) Genetically Linked Site-Specificity of Disuse Osteoporosis. *Journal of Bone and Mineral Research* (submitted).
- Squire, M.**, Esmail, A., Soslowsky, L. (2003) Anatomy and Biomechanics of the Shoulder. *Operative Arthroscopy 3rd Ed.* J. McGinty, S. Burkhart, R. Jackson, D. Johnson, J. Richmond, Eds. Philadelphia: Lippincott Williams & Wilkins.
- Wang, H.**, Lu, S., Ju, K., Chon, K. (2002) A New Approach to Closed-loop Linear System Identification via a Vector Autoregressive Model. *Annals of Biomedical Engineering* 30: 1204-1214.
- Yankeelov, T.E.**, Rooney, W.D., Xin, Li, and Springer, C.S. (2003) Variation of the Relaxographic “Shutter-Speed” for Transcytolemmal Water Exchange Affects CR Bolus-Tracking Curve Shape. *Magnetic Resonance in Medicine* (submitted).
- Zhong, R., Pickup, S., **Yankeelov, T.E.**, Springer, C.S., Glickson, J.D. (2003) Simultaneous Measurement of Arterial Input Function and Tumor Perfusion in Mice. *Proc Int Soc Magn Reson Med 11*: 4742.
- Zhong, R., Pickup, S., **Yankeelov, T.E.**, Springer, C.S., Glickson, J.D. (2003) Breakdown of the Fast Exchange Limit in DCE Perfusion Imaging. *Proc Int Soc Magn Reson Med 11*: 2042.
- Zhong, R., Pickup, S., **Yankeelov, T.E.**, Springer, C.S., Glickson, J.D. (2003) Workshop “In Vivo Functional and Molecular Assessment of Cancer” Syllabus. ISMRM: 8,9.
- Yankeelov, T.E.**, Dyke, J.P., Koutcher, J.A., Rooney, W.D., Springer, C.S. (2002) Effects of Equilibrium Transcytolemmal Water Exchange on Human Osteosarcoma CR *Pharmacokinetics Proc Int Soc Magn Reson Med 11*: 1666.

- Rooney, W.D., **Yankeelov, T.E.**, Coyle, P.K., Telang, F.W., Springer, C.S. (2002) Quantitative Measurement of Contrast Reagent Blood-brain Barrier Permeability in Multiple Sclerosis. *Proc Int Soc Magn Reson Med 11*: 2320.
- Yankeelov, T.E.**, Rooney, W.D., Xin, Li, Jing-Huei, Lee, and Springer, C.S. (2002) Pharmacokinetic Analysis is Affected by Fast-Exchange-Limit (FXL) Departure. *Proc Int Soc Magn Reson Med*.
- Yankeelov, T.E.**, Rooney, W.D., and Springer, C.S. (2002) High-Field Allows Low CR Dose Advantages. *Proc Int Soc Magn Reson Med 10*: 2117.
- Yankeelov, T.E.**, Rooney, W.D., and Springer, C.S. (2002) Field-Dependence of the Hyperfine BALD (Blood Agent Level Dependent) Effect: Equilibrium Transendothelial Water Exchange. *Proc Int Soc Magn Reson Med*.
- Yankeelov, T.E.**, Rooney, W.D., and Springer, C.S. (2002) BOLus Enhanced Relaxation Overview, BOLERO. *Proc Int Soc Magn Reson Med*.
- Zou, R.**, Wang, H., and Chon, K.H. (2003) A Robust Time-Varying Identification Algorithm Using Basis Functions. *Annual of Biomedical Engineering* (in press).
- Zou, R.**, and Chon, K.H. (2003) Robust Algorithm for Estimation of Time-Varying Transfer Functions. *IEEE Trans. Biomedical Engineering* (accepted).
- Zou, R.**, W.A. Cupples, K.P. Yip, N.H. Holstein-Rathlou, and K.H. Chon. (2002) Time-varying Properties of Renal Autoregulatory Mechanisms. *IEEE Trans. Biomed. Eng.* 49 (10): 1112-1120.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Chang, L., **Arnold, S.**, Caparelli, E., Tomasi, D., Ernst, T. (2003) Age-Dependent Decreases in Brain Activation During Visual Attention. *ISMRM, 11th Annual Meeting*. Toronto, Ontario, Canada.
- Chang, L., **Arnold, S.**, Tomasi, D., Caparelli, E., Carasig, D., Zimmerman, L., Cloak, C., and Ernst, T. (2003) Increased Frontal Brain Activation During Visual Attention in HIV Patients. *ISMRM, 11th Annual Meeting*. Toronto, Ontario, Canada.
- Tomasi, D., Ernst, T., **Arnold, S.**, Caparelli, E., and Chang, L. (2003) Deactivation of Peripheral Vision and Auditory Areas During Visual Attention Tasks. *ISMRM, 11th Annual Meeting*. Toronto, Ontario, Canada.
- Caparelli, E., Tomasi, D., **Arnold, S.**, Chang, L., Ernst, T. (2003) k-Space Based Motion Detection for Functional MRI. *ISMRM, 11th Annual Meeting*. Toronto, Ontario, Canada.
- Carasig, D., Chang, L., **Arnold, S.**, Tomasi, D., Caparelli, E., Ernst, T. (2003) A Voxel Based Morphometry Studies in HIV Patients at 4 Tesla. *ISMRM, 11th Annual Meeting*. Toronto, Ontario, Canada.
- Ernst, T., Chang, L., **Arnold, S.** (2003) Increased Prefrontal Activation may be due to Up-regulated Oxidative Metabolism in HIV Brain Injury. *American Academy of Neurology (AAN), 55th Annual Meeting*. Honolulu, HI.
- Tomasi, D., Ernst, T., Caparelli, E., **Arnold, S.**, Chang, L. (2003) Practice Effects on Brain Activation during Visual Attention Tasks. *ISMRM, 11th Annual Meeting*. Toronto, Ontario, Canada.
- Azeloglu, E.U.**, Gaudette, G.R., Yun, Y.H., Saltman, A.E., Krukenkamp, I.B., Chiang, F.P., Chen, W. (2003) Regional Mechanical Effects of Pacing in the Intact Porcine Heart. *29th Annual Northeast Bioengineering Conference*. Newark, NJ.
- Azeloglu, E.U.**, Gaudette, G.R., Irie, H., Krukenkamp, I.B., Chiang, F.P. (2003) Studying the Deformation of a Mouse Heart using a Speckle Technique. *2003 Society of Experimental Mechanics Annual Conference and Exposition*. Charlotte, NC.

BIOMEDICAL ENGINEERING

- Chiang, F.P., **Azeloglu, E.U.**, Robinson, S., Huang, P., Krukenkamp, I.B., Gaudette, G.R. (2003) Three Dimensional Deformation of the Epicardium of the Isolated Heart. *ASME 2003 Summer Bioengineering Conference*. Key Biscayne, FL.
- Azeloglu, E.U.**, Gaudette, G.R., Krukenkamp, I.B., Chiang, F.P. (2002) Determination of the Regional Function of the Heart. *2002ASME Pressure Vessels and Piping Conference*. Vancouver, BC, Canada.
- Gaudette, G.R., **Azeloglu, E.U.**, Saltman, A.E., Krukenkamp, I.B., Chiang, F.P. (2002) Determination of Regional Function with High Spatial Resolution in the Regionally Ischemic Heart. *AHA Scientific Sessions 2002*. Chicago, IL.
- Gaudette, G.R., **Azeloglu, E.U.**, Oleszak, L., Ferreri, S.L., Saltman, A.E., Krukenkamp, I.B., Chiang, F.P. (2002) Determination of Myocardial Function with High Spatial Resolution in the Regionally Ischemic Beating Rabbit Heart. *2nd Annual Conference of Biomedical Engineering Society and EMBS*. Houston, TX.
- Entcheva, E., **Bien, H.**, and Tchernev, E. (2003) Acoustic Micromachining for Controlled Cell Growth. *4th Annual BioMEMS and NanoTECH World*.
- Entcheva, E., **Bien, H.**, and **Yin, L.** (2003) Electromechanical Performance of Engineered Cardiac Constructs. *ET 2003: Engineering Tissues, 7th Hilton Head Workshop & Annual ET Workshop*. Hilton Head Island, SC.
- Entcheva, E., **Bien, H.**, and **Yin, L.** (2003) $[Ca^{2+}]_i$ Changes in Cardiac Tissue Constructs on 3D Elastic Matrices. *Annual Meeting of the North-American Society for Pacing and Electrophysiology (NASPE)*. Washington, D.C.
- Bien, H.**, **Yin, L.**, Entcheva, E. (2003) Optical Mapping of Complex Electrical Activity in Engineered Cardiac Tissue Constructs. *ASME Summer Bioengineering Conference*. Sonesta Beach, FL.
- Bien, H.**, **Yin, L.**, Entcheva, E. (2002) Cardiac Cell Networks on Elastic Microgrooved Scaffolds. *Proceedings of IEEE Engineering in Medicine and Biology Society and BMES Annual Conference*. Houston, TX.
- Chiu, Jonathan**, K. Kim, S. Zhong, B. Hsiao, B. Chu, M. Hadjiargyrou. (2002) Development of a Cell-Delivery Vehicle Derived from Electrospun Non-Woven Nanostructured Membranes. *2002 BMES Annual Fall Meeting*. Houston, TX.
- DeStefano, Christopher**. (2003) Miniaturization of an Assay to 1536 Well plates. *BMES Annual Fall Meeting*.
- Feng, Lei**, and **Chon, Ki**. (2002) Robust Segmentation of Switching Dynamics in Time Series. *The Second Joint EMBS-BMES Conference 2002*. Houston, TX .
- Garman, R.**, Rubin, C., Judex, S. (2002) The Structural Response of Trabecular Bone to Low-level Mechanical Stimuli. *Second Joint Meeting of BMES and IEEE-EMBS*. Houston, TX.
- Judex, S., Qin, Y.X., **Garman, R.**, Squire, M., Rubin, C., Hadjiargyrou, M. (2002) Searching for Wolff's Law: The Anabolic Potential of Low-level Mechanical Signals. *3rd International Workshop on Musculoskeletal and Neuronal Interactions*. Corfu, Greece.
- Judex, S., **Garman, R.**, Squire, M., Donahue, L., Rubin, C. (2002) A Genetic Compensatory Mechanism for Preventing Disuse Related Bone Loss. *American Society of Bone Mineral Research*. San Antonio, TX.
- Squire, M., **Garman, R.**, Rubin, C., Judex, S. (2002) Mechanically Induced Changes in Trabecular Bone Architecture. *Second Joint Meeting of BMES and IEEE-EMBS*. Houston, TX.
- Judex, S., **Garman, R.**, Squire, M., Rubin, C. (2002) Genetic Variations Influence Bone's Sensitivity to the Loss of Functional Weightbearing. *IV World Congress of Biomechanics*. Calgary, Alberta, Canada.

- Ghosh, K.**, Chen, W., Rafailovich, M., Ge, S. (2002) Formulation and Characterization of Biodegradable Hyaluronan (HA) Gene Delivery Films. *Proceedings of the Second Joint EMBS/BMES Conference*. Houston, TX.
- Ianuzzi, A., Little, J.**, Chiu, J., Baitner, A., Kawchuk, G., Khalsa, P. (2003) Facet Joint Capsule Strains of Human Lumbar Spine Specimens During Physiological Motions. *2003 Summer Bioengineering Conference*. Sonesta Beach Resort, Key Biscayne, FL.
- Entcheva, E., Alseikhan, B.A., **Ianuzzi, A.**, Yue, D.T., Tung, L. (2002) Engineering Analysis of Cardiac Electrical Activity in Response to Calmodulin Mutations. *EMBS-IEEE Joint Conference*. Houston, TX.
- Lai, J., **Kaplan, T.A.**, Saldanha, A.C., Cute, M., Grine, F., Rubin, C.T., Qin, Y.X. (2003) Promotion of Bony Ingrowth by Low intensity, High Frequency Oscillatory Intramedullary Pressure Stimulation. *Second Joint Meeting of BMES and IEEE-EMBS*. Houston, TX.
- Kaplan, T.A.**, Saldanha, A.C., Bhatt, S.B., Qin Y.X. (2002) Trabecular Bone Formation Induced by High Frequency, Low Intensity Oscillatory Intramedullary Pressure Stimulation. *Second Joint Meeting of BMES and IEEE-EMBS*. Houston, TX.
- Lombardo, F., **Komatsu, D.**, McGovern, S. and Hadjiargyrou, M. (2003) Cloning of a Novel Gene Expressed During Osteogenic Differentiation in a Healing Fracture Callus. *49th Orthopedic Research Society Annual Meeting*. New Orleans, LA.
- Lam, H.Y.**, Grine, F., Ni, Q., Rubin, C., Qin, Y.X. (2003) Determination of Bone Porosity by Non-invasive Nuclear Magnetic Resonance. *The 29th Annual Northeast Bioengineering Conference*. New Jersey Institute of Technology, NJ.
- Levine, Jacob**, Tamari, Y., Leonard, E. (2003) Containers for Processing/Storing Biological Products Requiring Cellular Stasis. *DARPA PI Meeting on Metabolic Engineering for Cellular Stasis*. Santa Fe, NM.
- Levine, Jacob**, Clark, R., Ren, X.D. (2002) The Development of a Smart™ Matrix to Support Robust Fibroblast Migration. *6th NJ Symposium on Biomaterial Science*. Somerset, NJ.
- Little, J., Ianuzzi, A.**, Chiu, J., Baitner, A., Khalsa, P. (2003) Altered Human Facet Capsule Strains Subsequent to Anterior Lumbar Interbody Fixation. *2003 Summer Bioengineering Conference*. Sonesta Beach Resort, Key Biscayne, FL.
- Luu, Y.K.**, Kim, K., Hsiao, B.S., Chu, B., Hadjiargyrou, M. (2002) Characterization of an DNA delivery. *Annual Fall Meeting of the Biomedical Engineering Society*, Houston, TX. Electrospun poly (lactide-co-glycolide) and Block Copolymer-based, Nanostructured Matrix for *Annals of Biomedical Engineering*.
- Liang, D., Kim, K., **Luu, Y.K.**, Hadjiargyrou, M., Hsiao, B.S., Chu, B. (2003) Laser Light Scattering Study on Interactions Between DNA and PLA-PEG-PLA Triblock Copolymer. *4th Annual Stony Brook Chemistry Research Day*. Stony Brook, NY.
- Mittra, E.S.**, Y.X. Qin. (2003) Material Properties of Sheep Trabecular Bone Determined by Nanomechanical Testing. *IEEE 29th Annual Northeast Bioengineering Conference*. Newark, NJ.
- Mittra, E.S.** (2003) Evaluating the Structure-function Relationship of the Apical Tuft of the Hominid Distal Phalanx. *Paleoanthropology Society*. Tempe, AZ.
- Mittra, E.S.**, W. Lin, C. Rubin, Y.X. Qin. (2002) Interrelationship of Trabecular Mechanical and Microstructural Properties. *Biomedical Engineering Society*. Houston, TX.
- Mittra, E.S.**, W. Lin, B. Gruber, C. Rubin, Y.X. Qin. (2002) Characterization of Changes in Trabecular Bone with Age and Disease. *American Society for Bone and Mineral Research*. San Antonio, TX.
- Judex, S., Garman, R., **Squire, M.**, Rubin, C. (2002) Genetic Variations Influence Bone's Sensitivity to the Loss of Functional Weightbearing. *4th World Congress of Biomechanics*. Calgary, Alberta, Canada.

BIOMEDICAL ENGINEERING

Squire, M., Donahue, L., Hadjiargyrou, M., Rubin, C., Judex, S. (2002) Mechanically Induced Changes in Gene Expression Using Real Time RT-PCR. *24th Annual Meeting of the American Society for Bone and Mineral Research (ASBMR)*. San Antonio, TX.

Squire M., Garman, R., Rubin, C., Judex, S. (2002) Mechanically Induced Changes In Trabecular Bone Architecture. *2nd Joint Meeting of the IEEE Engineering in Medicine and Biology and the Biomedical Engineering Society Conference (EMBS-BMES 2002)*. Houston, TX.

Xia, Yi. (2002) Characterization of Human Trabecular Bone Quantity and Quality Using Confocal Acoustic Scanning. *24th Annual International Conference of the EMBS and Annual Fall Meeting of the BMES*. Houston, TX.

Zou, R., W.A. Cupples, K.P. Yip, N.H. Holstein-Rathlou, and K.H. Chon. (2002) Time-frequency and Time-scale Analysis of Time-varying Properties of Renal Autoregulatory Mechanisms. *The Second Joint Meeting of IEEE BMES/EMBS*. Houston, TX.

❖ Internship Appointments

Ghosh, K. (2002) Visiting Graduate Scholar. Department of Medicinal Chemistry, *University of Utah*, Salt Lake City, UT.

Karnik, Sameer. (2003) Intern. *Cornerston Pharmaceuticals Inc.*, Stony Brook, NY.

Ramachandran, Jaimohan. (2003) Summer Internship. *Nanoprobes, Inc.*, Long Island, NY.

❖ Other

DeStefano, Christopher. (1999-Current) Robotics Engineer. *OSI Pharmaceuticals, Inc.*, Melville, NY.

CHEMISTRY

GRADUATE DIRECTOR: DAN RALEIGH

DEPARTMENT CHAIR: IWAO OJIMA

❖ Grants, Fellowships, and Awards

- Anil, Burcu.** (2002) Maria Tzamarioudaki Memorial Fellowship, \$1000. Family of Maria Tzamarioudaki and Alumnus of the Chemistry Department, *Stony Brook University*, Stony Brook, NY.
- Banerjee, Sarbajit.** (2002) Graduate Student Gold Award. *Materials Research Society*, Warrendale, PA.
- Chapsal, Bruno.** (2003) Mitsubishi Travel Award. *Mitsubishi Chemical Corporation*, Yokohama, Japan.
- Chiou, Wen-Hua.** (2002) Mitsubishi Travel Award. *Mitsubishi Chemical Corporation*, Yokohama, Japan.
- Cui, G.** (2002) American Chemical Society CCG Award up to \$1150 travel fund for ACS national meeting at New Orleans, and one-year license of Molecular Operating Environment. *American Chemical Society* (co-sponsored by Chemical Computing Group, Inc.).
- Geney, Raphael.** (2002) Ajinomoto Travel Award. *Ajinomoto Company, Inc.*, Kawasaki, Japan.
- Geng, Xudong.** (2003) President's Award to Distinguished Doctoral Students. *Stony Brook University*, Stony Brook, NY.
- Hua, Zihao.** (2003) Mitsubishi Travel Award. *Mitsubishi Chemical Corporation*, Yokohama, Japan.
- Hua, Zihao.** (2002) Mitsubishi Travel Award. *Mitsubishi Chemical Corporation*, Yokohama, Japan.
- Jiang, Jianfeng.** (2002) President's Award to Distinguished Doctoral Students. *Stony Brook University*, Stony Brook, NY.
- Kim, Namjun.** (2003) Travel Award. *Experimental NMR Conference*, Santa Fe, NM.
- Konkar, Samidha.** (2002) Sigma Xi Travel Award. *Sigma Xi*.
- Kuznetsova, Larisa.** (2003) Ajinomoto Travel Award. *Ajinomoto Company, Inc.*, Kawasaki, Japan.
- Lim, Yeon-Hee.** (2002) Rohm & Haas Prize for the Best Overall Posters, \$250. *American Chemical Society*, Philadelphia, PA.
- Park, Hyunsoo.** (2002) Postgraduate Scholarship, \$19100 (CAD). *Natural Science and Engineering Research Council*, Ottawa, ON, Canada.
- Roberts, Kenny.** (2002) Medicinal Chemistry Travel Award. *Medicinal Chemistry Division of American Chemical Society*.
- Roberts, Kenny.** (2002) Sigma Xi Travel Award. *Sigma Xi, Stony Brook University*, Stony Brook, NY.
- Wu, Xinyuan.** (2003) Sigma Xi Award for Excellence in Research. *Sigma Xi, Stony Brook University*, Stony Brook, NY.
- Wu, Xinyuan.** (2003) Ajinomoto Travel Award. *Ajinomoto Company, Inc.*, Kawasaki, Japan.
- Wu, Xinyuan.** (2002) Ajinomoto Travel Award. *Ajinomoto Company, Inc.*, Kawasaki, Japan.

❖ Jointly Authored Publications/Research Reports/Reviews

- Banerjee, Sarbajit, and Wong, Stanislaus S.** (2002) Structural Characterization, Optical Properties, and Improved Solubility of Carbon Nanotubes Functionalized with Wilkinson's Catalyst. *J. Am. Chem. Soc.* 124(30): 8940.

- Banerjee, Sarbajit**, and Wong, Stanislaus S. (2002) Rational Sidewall Functionalization and Purification of Single-Walled Carbon Nanotubes by Solution-Phase Ozonolysis. *J. Phys. Chem. B.* 106 (47): 12144.
- Kahn, M.G.C., **Banerjee, Sarbajit**, Wong, Stanislaus S. (2002) Solubilization of Oxidized Single-Walled Carbon Nanotubes in Organic and Aqueous Solvents through Organic Derivatization. *Nano Lett.* 2 (11): 1215.
- Blasdel, L.K., **Banerjee, Sarbajit**, Wong, Stanislaus S. (2002) Selective Borohydride Reduction Using Functionalized Atomic Force Microscopy Tips. *Langmuir* 18(13): 5055.
- Chaudhuri, Santanu**, Wang, Francis and Grey, Clare P. (2002) Resolving the Different Dynamics of the Fluorine Sublattices in the Anionic Conductor BaSnF₄ by Using High-Resolution MAS NMR Techniques. *J. Am. Chem. Soc* 124 (39): 11746-11757.
- Mizutani, Nobuhiro, **Chiou, Wen-Hua**, Ojima, Iwao. (2002) New and Efficient Synthesis of Azabicyclo[4.4.0]alkane Amino Acids by Rh-Catalyzed Cyclohydrocarbonylation. *Organic Letters* 4 (26): 4575-4578.
- Chuang, C.-Y.**, V. Vassar, Z. Ma, **R. Geney**, I. Ojima. (2002) Electronic Effects on the Regio- and Enantioselectivity of the Asymmetric Aminohydroxylation of 4-*O*-Substituted 4-Hydroxy-2-butenates. *Chirality* 14: 151-162. [Special issue for Ernest L. Eliel]; *Chirality* 14 (9): 757-757.
- Cui, G.**, Simmerling, C. (2002) Conformational Heterogeneity Observed in Simulations of a Pyrene-Substituted DNA. *J. Am. Chem. Soc.* 124 (41): 12154-12164.
- Bell, A.F., **Feng, Y.**, Hofstein, H.A., Parikh, S., Wu, J., Rudolph, M.J., Kisker, C., Whitty, A. and Tonge, P.J. (2002) Stereoselectivity of Enoyl-CoA Hydratase Results from Preferential Activation of One of Two Bound Substrate Conformers. *Chemistry & Biology* 9: 1247-1255.
- Feng, Y.**, Hofstein, H.A., Zwahlen, J., and Tonge, P.J. (2002) Effect of Mutagenesis on the Stereochemistry of Enoyl-CoA Hydratase. *Biochemistry* 41: 12883-90.
- Geney, R.**, Ungureanu, I.M., Li, D.S., Ojima, I. (2002) Overcoming Multidrug Resistance in Taxane Chemotherapy. *Clinical chemistry and Laboratory Medicine* 40 (9): 918-925.
- Ojima, I., **Geney, R.**, Ungureanu, L.M., Li, D.S. (2002) Medicinal Chemistry and Chemical Biology of New Generation Taxane Antitumor Agents. *IUBMB LIFE* 53 (4-5): 269-274.
- Ojima, I., **Geng, X.**, Wu, X., Qu, C., Borella, C.P., Xie, H., Wilhelm, S.D., Leece, B.A., Bartle, L.M., Goldmacher, V.S., Chari, R.V.J. (2002) Tumor-Specific Novel Taxoid-Monoclonal Antibody Conjugates. *Journal of Medicinal Chemistry* 45 (26): 5620-5623.
- Ojima, I., **X. Geng**, S. Lin, P. Pera, R. J. Bernacki. (2002) Design, Synthesis and Biological Activity of Novel C2-C3'N-Linked Macrocyclic Taxoids. *Bioorganic & Medicinal Chemistry* 12: 349-352.
- Kahn, M.G.C.**, Banerjee, Sarbajit, Wong, Stanislaus S. (2002) Solubilization of Oxidized Single-Walled Carbon Nanotubes in Organic and Aqueous Solvents through Organic Derivatization. *Nano Lett.* 2 (11): 1215.
- Yoon, W.S., **Kim, Namjun**, Yang, X.Q., McBreen, J., Grey, C.P. (in press) ⁶Li MAS NMR and *in situ* X-ray Studies of Lithium Nickel Manganese Oxides. *J. Power Sources*.
- Kim, Namjun**, Grey, C.P. (2002) Probing Oxygen Motion in Disordered Anionic Conductors with ¹⁷O and ⁵¹V MAS NMR Spectroscopy. *Science* 297: 1317.
- Du, L.S., Schurko, R.W., **Kim, Namjun**, Grey, C.P. (2002) Solid-State ⁹³Nb, ¹⁹F, and ¹¹³Cd Nuclear Magnetic Resonance Study of Niobium Oxyfluorides: Characterization of Local Distortions and Oxygen/Fluorine Ordering. *J. Phys. Chem. A* 106: 7876.
- Readman, J.E., **Kim, Namjun**, Ziliox, M., Grey, C.P. (2002) ¹⁷O MQMAS NMR studies of Na-A and Ca-A. *Chem. Commun.* 2808.

- Lim, Yeon-Hee**, McGee, Jr., K.F., Sieburth, S. McN. (2002) Studies in Bicyclo[3.1.0]hexane Methanolysis. Ring Opening of Activated Cyclopropanes under Acidic and Basic Conditions. *Journal of Organic Chemistry* 67 (18): 6535-6538.
- Townsend, D., **Minitti, M.P.**, Suits, A.G. (2003) Direct Current Slice Imaging. *Review of Scientific Instruments* 74: 2530-2539.
- Okur, A.**, Strockbine B., Hornak V., Simmerling C. (2003) Using PC Clusters to Evaluate the Transferability of Molecular Mechanics Force Fields for Proteins. *Journal of Computational Chemistry* 24: 21-31.
- Bell, A., Feng, Y., Hofstein, H., Parikh, S., **Wu, Jiaquan**, Rudolph, M., Kisker, C., Whitty, A., Tonge, Peter J. (2002) Stereoselectivity of Enoyl-CoA Hydratase Results from Preferential Activation of One of Two Bound Substrate Conformers. *Chemistry & Biology* 9 (11): 1247-1255.
- Ojima, I., Geng, X., **Wu, X.**, Qu, C., Borella, C.P., Xie, H., Wilhelm, S.D., Leece, B.A., Bartle, L.M., Goldmacher, V.S., Chari, R.V.J. (2002) Tumor-Specific Novel Taxoid-Monoclonal Antibody Conjugates. *Journal of Medicinal Chemistry* 45 (26): 5620-5623.
- Roberts, Kenny**, and Sampson, Nicole. (2003) Increased Polymer Length of Oligopeptide-Substituted Polynorbornenes with LiCl. *Journal of Organic Chemistry* 68: 2020-2023.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Banerjee, Sarbajit**, Wong, Stanislaus S. (2002) Synthesis and Characterization of Carbon Nanotube-Nanocrystal Heterostructures, and Functionalization of Carbon Nanotubes with a Metal Containing Molecular Complex. *Nanotube 2002: International Conference on Nanotubes*. Boston, MA.
- Banerjee, Sarbajit**, and Wong, Stanislaus S. (2002) Carbon Nanotube Sidewalls and End Caps as Target Sites for Chemical Modification: Chemical Control over Nanotube Properties. *Materials Research Society Fall Meeting*. Boston, MA.
- Banerjee, Sarbajit**, and Wong, Stanislaus S. (2002) Carbon Nanotube Sidewalls and End Caps as Target Sites for Chemical Modification: Chemical Control over Nanotube Properties. *Invited Lecture*, Rose-Hulman Institute of Technology. Terra Haute, IN.
- Chaudhuri, Santanu**. (2003) COMP Division Talk on Simulation of Realistic Nanoparticles. *ACS*. New Orleans, LA.
- Chaudhuri, Santanu**. (2002) Molecular Dynamics Simulation of Phase Transition and Ionic Motion in NaAlF₃. *Perovskite Materials Symposium*. San Francisco, CA.
- Chiou, Wen-Hua**, Mizutani, Nobuhiro, Ojima, Iwao. (2002) Highly and Efficient Synthesis of Azabicyclo[4.4.0]alkane Amino Acids by Rh-Catalyzed Cyclohydrocarbonylation. *224th ACS National Meeting*. Boston, MA.
- Cui, G.**, Simmerling, C. (2002) Structure-Based Inha Inhibitor Design Aided by OWFEG. *ACS National Meeting*. Boston, MA.
- Cui, G.**, Simmerling, C. (2002) The Convergence Studies of Replica Exchange Method and Its Implementation in AMBER. *Gordon Research Conference (Computational Chemistry)*. Colby-Sawyer College, New London, NH.
- Cui, G.**, Simmerling, C. (2002) Syn of Anti: Molecular Dynamics Studies of an Underdetermined DNA Structure. *Peter A. Kollman Memorial Symposium*. UCSF, San Francisco, CA.

CHEMISTRY

- Geney, R., Geng, X.,** Simmerling, C., Ojima, I. (2002) Rational Design and Evaluation of Conformationally Restrained Taxoids. *American Chemical Society National Meeting*. Boston, MA.
- Geney, R., Geng, X.,** Ojima, I. (2002) Rational Design and Evaluation of Conformationally Restrained Taxoids. Abstracts of Papers, *224th ACS National Meeting*. Boston, MA (MEDI-139).
- Geng, X.,** Miller, M.L., **Lin, S.,** Ojima, I. (2002) Synthesis of Novel C2-C3^N Linked Macro Cyclic Taxoids by Means of Highly Regioselective Heck Macrocyclization. Abstracts of Papers, *224th ACS National Meeting*. Boston, MA (ORGN-633).
- Geng, X., Wu, X.,** Xie, H., Wilhelm, S.D., Leece, B.A., Bartle, L.M., Goldmacher, V.S., Chari, R.V.J., Ojima, I. (2002) Design, Synthesis and Evaluation of Highly Tumor-specific Taxoid-antibody Immunoconjugates as Potential Chemotherapeutic Agents. Abstracts of Papers, *224th ACS National Meeting*. Boston, MA (MEDI-137).
- Hayashibara, Masatoshi,** and London, E. (2003) Topography of Membrane-Inserted Diphtheria Toxin A Chain. *47th Annual Meeting of Biophysical Society*. San Antonio, TX.
- Hua, Zihao,** Victor, V., Ojima, I. (2003) Syntheses and Their Use of Chiral Monodentate Phosphite Ligands in Asymmetric Hydrogenations. *225th American Chemical Society National Meeting*. New Orleans, LA.
- Kahn, M.G.C.** (2003) Solubilization of Oxidized Single-Walled Carbon Nanotubes in Organic and Aqueous Solvents Using Amino Crown Ether. *Graduate Student Poster Competition New York Subsection of the American Chemical Society*.
- Kahn, M.G.C.** (2002) Solubilization of Oxidized Single-Walled Carbon Nanotubes in Organic and Aqueous Solvents Using Amino Crown Ether. *National Sigma Xi Student Research Conference*. Galveston, TX (1st place in chemistry).
- Kim, Namjun,** Vannier, R.N., Grey, C.P. (2003) Using One and Two Dimensional Solid State ¹⁷O MAS NMR to Detect the Oxygen Ionic Motion in Nb and Ta-doped Bi₂WO₆. *44th Experimental NMR Conference*. Savannah, GA.
- Li, Wen,** Poisson, L., Peterka, D., Ahmed, M., Suits, A. (2003) Dissociative Photoionization Dynamics in Ethane Studied by Velocity Map Imaging. *225th ACS National Meeting*. New Orleans, LA.
- Lim, Yeon-Hee,** and Parker, K.A. (2003) Synthetic Studies on the Total Synthesis of SNF4435 C and SNF4435 D. *The Third Metropolitan Area Poster Program for Graduate Students in Chemical Sciences in American Chemical Society (ACS)'s New York section*. New York University, New York, NY.
- Lim, Yeon-Hee,** and Parker, K.A. (2003) Synthetic Studies Toward the Total Synthesis of SNF4435 C and SNF4435 D. *Chemistry Research Day in Stony Brook*. Stony Brook University, Stony Brook, NY.
- Lim, Yeon-Hee,** and Sieburth, S. McN. (2002) Progress Toward Total Synthesis of Fusicoccin A via [4+4] Photocycloaddition. *The 224th American Chemical Society (ACS) National Meeting*. Boston, MA.
- Lim, Yeon-Hee,** and Sieburth, S. McN. (2002) Progress Toward Total Synthesis of Fusicoccin A via [4+4] photocycloaddition. *The Second Annual Graduate Student Poster Session in American Chemical Society (ACS)'s Philadelphia Section*. Drexel University, Philadelphia, PA.
- Minitti, M.P.** (2003) Ion Pair Imaging Spectroscopy (IPIS) using DC Slice Imaging. *225th ACS National Meeting*. New Orleans, LA.
- Okur A.,** Strockbine B., Hornak V., Simmerling C. (2002) Using PC Clusters to Evaluate the Transferability of Molecular Mechanics Force Fields for Proteins. *Gordon Research Conference – Computational Chemistry*. Colby-Sawyer College, New London, NH.
- Paik, Y.,** Grey, C.P., Johnson, C. S., Kim, J.S., Thackeray, M.M. (2002) Lithium and Deuterium NMR Studies of Acid-Leached Layered Lithium Manganese Oxides. *Chem. Mater.* 14: 5109.

- Peng, Luming**, Readman, J.E., Kim, N., and Grey, C.P. (2003) ^{17}O Solid State NMR Studies of Faujasite Type Zeolites. *Chemistry Research Day Presentation*. Student Activity Center, Stony Brook University, Stony Brook, NY.
- Roberts, Kenny**. (2002) Synthesis of Multivalent Ligands as Probes of Sperm-egg Binding. *American Chemical Society's National Meeting*. Boston, MA.
- Stoner-Ma, Deborah**, Tonge, P.J. (2003) Chromophore Formation in GFP. *Enzyme Mechanisms Conference*. Galveston Island, TX.
- Stoner-Ma, Deborah**, Zwahlen, J., Tonge, P.J. (2002) Green Fluorescent Protein: Examination of Chromophore Properties Utilizing Expressed Protein Ligation Methods. *Gordon Research Conference on Bioorganic Chemistry*. Proctor Academy, Andover, NH.
- Wu, X.**, Chong, C-K., Sturm, M., Sturm, A., Brooks, T., Bernacki, R.J., Minderman, H., O'Loughlin, K., Baer, M., Ojima, I. (2003) Modulation of PgP, MRP-1, and BCRP-mediated Drug Transport by Taxane-based Reversal Agents. Abstracts of Papers, *225th ACS National Meeting*. New Orleans, LA (MEDI-123).
- Wu, X.**, Lanigan, K.C., Ojima, I. (2003) Design and Synthesis of Novel Water-soluble Taxoids for Tumor-activated Prodrugs Using Anti-EGFR Monoclonal Antibodies. Abstracts of Papers, *225th ACS National Meeting*. New Orleans, LA (MEDI-115).
- Wu, X., Geng, X.**, Borella, C.P., Qu, C., Ojima, I., Xie, H., Wilhelm, S.D., Leece, B., Bartle, L.M., Goldmacher, V., Chari, R. (2002) Design, Synthesis and SAR of Novel Methylsulfanyl(alkanoyl) Taxoids for Taxoid-antibody Immunoconjugates. Abstracts of Papers, *224th ACS National Meeting*. Boston, MA (MEDI-135).

❖ Post-Doctorates Obtained and Professional Appointments

- Feng, Y.** (2002) Postdoctoral Fellow. Molecular and Cell Biology Department, *University of California*, Berkeley, CA.
- Sivaraman, Sharada**. (2002) Postdoctoral Fellow. Molecular and Cell Biology, *University of California*, Berkeley, CA.
- Wu, Jiaquan**. (2002) Post-Doctoral Research Associate. Chemistry Department, *Brown University*, Providence, RI.

COMPARATIVE LITERATURE

GRADUATE DIRECTOR: ILONA RASHKOW
DEPARTMENT CHAIR: ROBERT HARVEY

❖ Grants, Fellowships, and Awards

- Dalleo, Rafe.** (2002) Fellowship for study at School of Criticism and Theory at Cornell University, \$2000. *Humanities Institute of Stony Brook University*, Stony Brook, NY.
- Latif, Amer.** (2002) Commendation for Excellence in Teaching by a Graduate Student. Graduate Council, *Stony Brook University*, Stony Brook, NY.
- Skrodzka-Bates, Agnieszka.** (2003) Commendation for Excellence in Teaching by a Graduate Student. Graduate Council, *Stony Brook University*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Dalleo, Rafe.** (2002) The World, the Text, and the Caribbean Writer: Representation in the Work of V.S. Naipaul. *Atlantic Literary Review* 3.3: 1-14.
- Gilbert, Deborah.** (under review) The Times They Are a Changing: Peckinpah's Dialectic Reconfiguration. *Celluloid Cowboys and Silver Screen Cities: Film and the Imagined Geography of the American West*. Shaun Huston, Ed. University of Utah Press.
- Gilbert, Deborah.** (2003) A Book Review of *Land As Far As the Eye Can See* (2001) by Donald Warrin and Geoffrey L. Gomes. *Journal of the West*.
- Janis, Michael.** (2003) Cultural Identity in the Era of Multiculturalism and Multi-Media. *Globalization and Its Discontents: Volume II of the Conference Proceedings of Indigenous Political Structures and Governance in Africa*. Ibadan, Nigeria: University of Ibadan Press.
- Mathews, Cristina.** (2003) Making the Nuclear Family: Kinship, Homosexuality, and *La Regenta*. *Revista de Estudios Hispánicos* 37.1: 75-102.
- Pittman, Michael.** (2002) An Interview with William Chittick on Ibn al-Arabi, Rumi and the Heart. *Sufi: A Journal of Sufism*. London: Alirea Nurbakhsh Editor.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

- Dalleo, Rafe.** (2003) Diaspora and the Global Caribbean. *West Indian Literature Conference*. University of Miami, Miami, FL.
- Dalleo, Rafe.** (2002) Performance of the Commodification of Blackness in Trevor Rhone's *Smile Orange*. *Central New York Conference on Language and Literature*. SUNY Cortland, Cortland, NY.
- Edwin, Steve.** (2002) 'Impossible' Professions: Sarah Kofman, Audre Lorde, and the Politics of Witnessing. *Why We Write: The Politics and History of Writing for Social Change Conference*. Columbia University, New York, NY.
- Dalleo, Rafe.** (2002) How Cristina Garcia Lost Her Accent, and Other Latin Conversations. *American Comparative Literature Association Conference*. San Juan, Puerto Rico.
- Gilbert, Deborah.** (2003) Inside and Outside: Maria Amparo Ruiz de Burton's *The Squatter and the Don*. *The American Comparative Literature Association Conference*. San Marcos, CA.

- Gilbert, Deborah.** (2002) The Times They Are a Changing: Peckinpah's Dialectic Reconfiguration. *The Film and History Conference*. Kansas City, MO.
- Latif, Amer.** (2003) Unity in the Quran. *Society for Anthropology of Religion, Secular Hermeneutics of Islamic Texts*. Providence, RI.
- Lu, Xiaoning.** (2002) Globalization, Nostalgia, and Shanghai Rebuilding Project. *New England Association for Asian Studies Annual Conference*. Colby College, ME.
- Mathews, Cristina.** (2003) The Masquerade as Experiment: Mercedes Cabello de Carbonera's *El Conspirador*. *Middle Atlantic Conference of Latin American Studies (MACLAS) XXIV Annual Conference*. Kutztown University, Kutztown, PA.
- Pittman, Michael.** (2002) Meetings with Remarkable Men: Gurjeff's Life in Context. *Cinema of the Spirit Film Festival*. Skidmore College, Saratoga Springs, NY.
- Skrodzka-Bates, Agnieszka.** (2003) Memory and Remembrance: Bruno Schulz. *The Polish Institute of Arts and Sciences of America (PIASA) 61st Annual Meeting*. McGill University, Montreal, Quebec, Canada.
- Thomas, Ketty.** (2003) Reading Silence in Maya Angelou's *I Know Why the Caged Bird Sings* and *Emma Mishinini's Strikes Have Followed Me All My Life*. *Lighthouses ALA*. Alexandria, Egypt.
- Thomas, Ketty.** (2003) The Impossible Search for Cuba in Cristina Garcia's *Dreaming in Cuban*. *New Directions in Latin American and Caribbean Studies LACS*. Stony Brook University, Stony Brook, NY.
- Toke, Lilla.** (2003) Stripping Hungarian Pornography: A Literary Challenge to Communism. *28th Annual Conference of The American Hungarian Educators Association*. Columbia University, New York, NY.
- Wo, Chingling,** and Raychaudhuri, Sumana. (2003) Troubled Pasts and the Unsettled Present: Portrayals of Women in *Devi* and *Glass is Transparent*. *Women's History Month* (Theme: Women Pioneering the Future). Stony Brook University, Stony Brook, NY.
- Wo, Chingling.** (2002) Diary of a Madman and Intertextual-Translingual Slippages. *Translation, Theory, East/West Encounters at the ACLA Annual Conference*. San Juan, Puerto Rico.
- Wo, Chingling.** (2002) Philosophical Transactions as a Site of Cross-cultural Encounters. *Places of Exchange: Magazines, Journals & Newspapers in British and Irish Culture 1688-1945*. University of Glasgow, UK.

❖ **Curatorial Appointments**

- Wo, Chingling,** and **Raychaudhuri, Sumana.** (2003) What is War? (Film Series on War, Their Aftermath and the Long Struggle for Peace). *Stony Brook University*, Stony Brook, NY.

❖ **Post-Doctorates Obtained and Professional Appointments**

- Choe, Youngjeen.** (2002) Yonsei University, Korea.
- Gilbert, Deborah.** (2003) American Studies. *San Jose State University*, San Jose, CA.
- Latif, Amer.** (2003) Faculty of Religion. *Marlboro College*, Marlboro, VT.
- Mathews, Cristina.** (2003) Assistant Professor, English. *Bloomsburg University of Pennsylvania*. Bloomsburg, PA.
- Slade, Andrew.** (2003) Visiting Assistant Professor, Philosophy. *University of Dayton*. Dayton, OH.

COMPUTER SCIENCE

GRADUATE DIRECTOR: MICHAEL KIFER

DEPARTMENT CHAIR: ARIE KAUFMAN

❖ Grants, Fellowships, and Awards

Pentikousis, Kostas. (2002) Best Teaching Assistant (Academic Year 2001-2002). *Department of Computer Science, Stony Brook University*, Stony Brook, NY..

❖ Singly Authored Publications/Research Reports/Reviews

Pentikousis, Kostas. (2002) Book Review of *Wireless and Mobile Network Architectures*, by Yi-Bing Lin and Imrich Clamta. John Wiley & Sons, 2001, ISBN 0-471-39492-0. *Computer Communications* 25 (10).

Pentikousis, Kostas. (2002) Maurice Elzas on Simulation Ethics. *ACM Crossroads* 9(2).

❖ Jointly Authored Publications/Research Reports/Reviews

Chiueh, T., Gopalan, K., Neogi, A., Li, C., Sharma, S., Shan, S., Chen, J., Li, W., **Joukov, N.**, Zhang, J., Hsu, F., Guo, F., and Doong, S. (2002) Sago: A Network Resource Management System for Real-Time Content Distribution. *Proc. of International Conference on Parallel and Distributed Systems*. National Central University, Taiwan.

Mukherjee, S., Davulcu, H., Kifer, M., **Yang, G.**, Senkul, P. (2003) A Survey of Logic Based Approaches to Workflow Modeling. *Logics for Emerging Applications of Databases* (Lecture Notes in Computer Science). J Chomicki, G Saake, R van der Meyden, Eds. Springer Verlag.

Davulcu, H., **Mukherjee, S.**, Ramakrishnan, IV. (2002) Extraction Techniques for Mining Services from Web Sources. *IEEE International Conference on Data Mining*. Maebashi City, Japan.

Davulcu, H., **Mukherjee, S.**, Seth, A., Ramakrishnan, IV. (2002) CuTeX: A System for Extracting Data from Text Tables. *ACM SIGIR Conference on Research and Development in Information Retrieval*. Tampere, Finland.

Choudhari, P., Davulcu, H., Joglekar, H., More, A., **Mukherjee, S.**, Patil, S., Ramakrishnan, IV. (2002) YellowPager: A Tool for Ontology-based Mining of Service Directories from Web Sources. *ACM SIGIR Conference on Research and Development in Information Retrieval*. Tampere, Finland.

Pentikousis, Kostas, and Badr, Hussein. (2002) On the Resource Efficiency of Explicit Congestion Notification. *NETWORKING 2002*. Pisa, Italy.

Pentikousis, Kostas, and Badr, Hussein. (2002) On the Performance Gains of TCP with ECN. *ECUMN 2002*. Colmar, France.

Pentikousis, Kostas, and Rothenberg, Robert. (2002) Spatial Web Navigation with Perl. *The Perl Journal* 6 (2).

Unnikrishnan, L., Stoller, S.D., Liu, Y.A. (2003) Optimized Live Heap Bound Analysis. *Fourth International Conference on Verification, Model Checking and Abstract Interpretation*. Courant Institute of Mathematical Sciences, New York University, NY.

Wang, Y., Samaras, D. (in press) Estimation of Multiple Directional Light Sources for Synthesis of Augmented Reality Images. *Graphical Models*.

Yang, G., and Kifer, M. (2002) Well-Founded Optimism: Inheritance in Frame-Based Knowledge Bases. *First International Conference on Ontologies, Databases, and Applications of Semantics*. Irvine, CA.

Yang, G., and Kifer, M. (2002) On the Semantics of Anonymous Identity and Reification. *First International Conference on Ontologies, Databases, and Applications of Semantics*. Irvine, CA.

Zhang, Lei, and **Samaras, D.** (2003) Face Recognition Under Variable Lighting using Harmonic Image Exemplars. *IEEE Proc. CVPR*. Madison, WI.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

Liang, Zhenkai. (2002) An Approach for Secure Software Installation. *Proceedings of the 16th USENIX LISA Conference*.

Wang Y., Samaras, D. (2003) Multiple Directional Illuminant Estimation from a Single Image. *IEEE Computer Society Conference on Computer Vision and Pattern Recognition*. Madison, WI (submitted).

Wang Y., Samaras, D. (2002) Estimation of Multiple Directional Light Sources for Synthesis of Mixed Reality Images. *Pacific Graphics*. Beijing, China.

Wang Y., Samaras, D. (2002) Estimation of Multiple Illuminants from a Single Image of Arbitrary Known Geometry. *European Conference on Computer Vision*. Copenhagen, Denmark.

❖ **Internship Appointments**

Mukherjee, S. (2002) Co-op in Computational Linguistics and Text Mining group. *IBM Research Lab* (T.J. Watson), Yorktown Heights, NY.

❖ **Software Developed**

Liang, Zhenkai. (2002) User-level Interceptor, It Intercepts System Calls Made by a Program at User Level. It is Used in the Software *RPMSHield* of Security System Lab.

Joukov, N., and **Chiueh, T.** (2003) Lectern II, Course Lecture Capturing and Editing Software. <<http://www.ecsl.cs.sunysb.edu/cse320/2003/>>. Computer Science Department, *Stony Brook University*, Stony Brook, NY.

Yang, G., **Kifer, M.**, and **Zhao, C.** (2002) Flora-2: A Sophisticated Object-oriented Knowledge Base System. This System Can Serve as an Application Development Platform for Querying Semantic Information, Integrating Heterogeneous Semistructured Data Sources, Reconciling Disparate Data Models, and Managing Access Control Policies.

❖ **Other**

Unnikrishnan, L. (2003) Reviewer for Conference. *POPL: ACM SIGPLAN Conference on Principles of Programming Languages*.

ECOLOGY AND EVOLUTION

GRADUATE DIRECTOR: MANUEL LERDAU

DEPARTMENT CHAIR: CHARLES JANSON

❖ Grants, Fellowships, and Awards

- Aguirre, W.E.** (2002) W. Burghardt Turner Fellowship. *Stony Brook University*, Stony Brook, NY.
- Ashton, Isabel.** (2003) Torrey Botanical Society Student Fellowship Award, \$2,500. *Torrey Botanical Society*, Bronx, NY.
- Lerdau, M., and **Isabel Ashton.** (2002) Invasive, Exotic Non-invasive, and Native Woody Vines in the Northeastern United States: An Observational and Experimental Study, \$42,065. *United States Department of the Interior, Fish & Wildlife Service, Long Island National Wildlife*, Upton, NY.
- Allen, B.J.** (2003) Grant-in-Aid of Research, \$650. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, NC.
- Brown, Nina.** (2002) Theodore Roosevelt Memorial Fund. *American Museum of Natural History*, New York, NY.
- Funk, J.L.** (2002) Dissertation Improvement Grant, \$5,500. *National Science Foundation*, Arlington, VA.
- Funk, J.L.** (2002) Best Student Poster Award. Physiological Ecology Section, *Ecological Society of America*, Tucson, AZ.
- Funk, J.L.** (2002) Early Career Scientist Award. *Gordon Research Council*, West Kingston, RI.
- Karpanty, S.M.** (2002) NSF Dissertation Improvement Grant, \$12,000. *National Science Foundation*, Arlington, VA.
- Karpanty, S.M.** (2002) National Geographic Society Grant for Research and Exploration, \$10,500. *National Geographic Society*, Washington D.C.
- Matzkin, L.M.** (2003-2006) Postdoctoral Excellence in Research and Teaching (PERT) Fellowship. *University of Arizona*, Tucson, AZ.
- Noto, C.R.** (2002) Creating a Worldwide Dinosaur Fossil Database, \$870. *The Jurassic Foundation*, Stony Brook, NY.
- Sezgin, E.** (2002) Full Scholarship to Attend Summer Institute in Statistical Genetics. *North Carolina State University*, Raleigh, NC.
- Wolfe, Christina.** (2003) National Science Foundation Graduate Research Fellowship, Honorable Mention. *National Science Foundation*, Arlington, VA.

❖ Singly Authored Publications/Research Reports/Reviews

- Gray, Dennis.** (2000) Field Response of *Ips paraconfusus*, *Dendroctonus brevicomis*, and their Predators to 2-methyl-3-buten-2-ol, a Novel Alcohol Emitted by Ponderosa Pine. *Journal of Chemical Ecology* 28: 1583-1597.

❖ Jointly Authored Publications/Research Reports/Reviews

- Allen, B.J., Williams, S.L.** (in press) Native Eelgrass (*Zostera marina* L.) Controls Growth and Reproduction of an Invasive Mussel through Food Limitation. *Marine Ecology Progress Series*.

- Kelaher, B.P., Levinton, J.S., Oomen, J., **Allen, B.J.**, Wong, W.H. (in press) Changes in Benthos following the Clean Up of a Severely Metal-polluted Cove in the Hudson River Estuary: Environmental Restoration or Ecological Disturbance? *Estuaries*.
- Funk, J.L.**, C.G. Jones, C.J. Baker, H.M. Fuller, C.P. Giardina, and M.T. Lerdau. (2003) Diurnal Variation in the Basal Emission Rate of Isoprene. *Ecological Applications* 13: 269-278.
- Cardon, Z.G., A.D. Czaja, **J.L. Funk**, and P.L. Vitt. (2002) Periodic Carbon Flushing to Roots of *Quercus rubra* Saplings Affects Soil Respiration and Rhizosphere Microbial Biomass. *Oecologia* 133: 215-223.
- Gray, Dennis**, Lerdau, Manuel, Goldstein, Allen. (2003) Influences of Temperature History, Water Stress, and Needle Age on Methylbutenol Emissions. *Ecology* 84: 765-776.
- Kelaher, B.P., Levinton, J.S., **Hoch, J.M.** (2003) Foraging by the Mud Snail, *Ilyanassa obsoleta* (Say), Modulates Spatial Variation in Benthic Community Structure. *Journal of Experimental Marine Biology and Ecology* (in review).
- Seewer, L.A., and **Karpanty, S.M.** (2003) Long Island Ospreys May Signal Environmental Imbalance. *Conservationist* (in press).
- Matzkin, L.M.**, and Eanes, W.F. (2003) Sequence Variation of Alcohol Dehydrogenase (ADH) Paralogs in Cactophilic *Drosophila*. *Genetics* 163: 181-194.
- Gibbs, A.G., Fukuzato, F., and **Matzkin, L.M.** (2003) Evolution of Water Conservation Mechanisms in *Drosophila*. *Journal of Experimental Biology* 206: 1183-1192.
- Weishampel, D.B., Le Loeuff, J., Coria, R.A., Gomani, E.M.P., Xijin, Z., Xu, X. Barrett, P.M., Sahni, A., **Noto, C.R.** (in press) Dinosaurian Distribution. *The Dinosauria*, second edition. D.B. Weishampel, P. Dodson, and H. Osmolska, Eds. Berkeley, CA: University of California Press.
- Sezgin, E.**, and W.F. Eanes. (2002) Adaptive Amino Acid Evolution at the G-6-pase Locus in D. Simulans Lineage. *Annual Meeting of the Society of the Study of Evolution (SSE)*. Urbana-Champaign, IL.
- Rose, L.M., Perry, S., Panger, M., Jack, K., Manson, J., Gros-Louis, J., MacKinnon, K., and **Vogel, E.R.** (in press) Interspecific Interactions Between White-faced Capuchins (*Cebus capucinus*) and Other Species: Preliminary Data from Three Costa Rican sites. *International Journal of Primatology*.
- Vogel, E.R.**, and Janson, C.H. (in prep) A Reconsideration of the Role of Food Patches in Primate Socioecology: A Monkey's Eye View. *American Journal of Primatology* (to be submitted).
- Karpanty, S.M., and **Vogel, E.R.** (in prep) Community and School-based Reforestation in Madagascar and Costa Rica: A Blue-print for Sustainable Land Stewardship. *Conservation Biology* (to be submitted).
- Panger, M., Perry, S., Rose, L.M, Gros-Louis, J., **Vogel, E.R.**, MacKinnon, K., Baker, M. (2002) Cross-site Differences in Foraging Behavioral of White-faced Capuchins (*Cebus capucinus*). *American Journal of Physical Anthropology* 119: 52-66.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Aguirre, W.E.** (2003) Body Shape Evolution of Threespine Stickleback in Loberg Lake, Alaska. *American Society of Ichthyologists and Herpetologists Meeting*. Manaus, Brazil.
- Ashton, Isabel**, Hyatt, L., Gurevitch, J., and Lerdau, M. (2003) Macroinvertebrates and the Decomposition of Native and Exotic Leaf Litter in Forest Communities. *Northeast Ecology & Evolution Conference*. New Brunswick, NJ.
- Ashton, Isabel**, Hyatt, L., Gurevitch, J., and Lerdau, M. (2002) Litter Decomposition in Invaded and Uninvaded Forest Communities. *Ecological Society of America*. Tucson, AZ.

ECOLOGY AND EVOLUTION

- Allen, B.J.**, Levinton, J.S. (2003) Fiddler Crab Fitness: Exercise and the Cost of Sex. *Society for Integrative and Comparative Biology*. Toronto, Canada.
- Funk, J.L.**, C.G. Jones, M.T. Lerdau, D.W. Gray, H.L. Throop, and L.A. Hyatt. (2002) Variation in Isoprene Emission from *Quercus rubra*: Sources, Causes and Consequences for Estimating Fluxes. *Gordon Research Conference*. Oxford, England.
- Funk, J.L.**, J.E. Mak, and M.T. Lerdau. (2002) Variation in the Isotopic Signature of Isoprene in Response to Environmental Stress. *Ecological Society of America*. Tucson, AZ.
- Hinman, Katharine.** (2003) The Arizona Bat Conservation Strategic Plan: Use of a Statewide Plan to Direct Conservation Activities. *2nd Four Corners Regional Bat Conference*. Durango, CO.
- Hinman, Katharine.** (2003) The Arizona Bat Conservation Strategic Plan: Use of a Statewide Plan to Direct Conservation Activities. *36th Joint Annual Meeting of the New Mexico and Arizona Chapters of the Wildlife Society*. Gallup, NM.
- Hinman, Katharine.** (2002) The Use of Alternate Resources by Nectar-Feeding Bats in the Absence of Agaves: Bat Poo Revealed! *32nd Annual North American Symposium on Bat Research*. Burlington, VT.
- Kelaher, B.P., and Levinton, J.S., **Hoch, J.M.** (2003) Foraging by the Mud Snail, *Ilyanassa obsoleta* (Say), Modulates Spatial Variation in Benthic Community Structure. *Benthic Ecology Meeting*. Groton, CT.
- Geeta, R., A. Levy, **J.M. Hoch**, and M.M. Mark. (2003) Where do Taxonomists Work, and Does it Matter.
- Karpanty, S.M.** (2003) Aiza Biby's Planting for the Future Project: Kids, Trees, and a Vision for International Conservation Projects. *Oxford Audubon Society*. Oxford, OH.
- Karpanty, S.M.** (2003) Rates of Predation by Diurnal Raptors on the Lemur Community of Ranomafana National Park, Madagascar. *American Association of Physical Anthropologists Annual Meeting*. Tempe, AZ.
- Karpanty, S.M.** (2003) Ecological and Behavioral Interactions of Raptors and Lemurs in the Rainforests of Eastern Madagascar. *University of New Mexico Biology Department Seminar*. Albuquerque, NM.
- Karpanty, S.M.** (2002) GIS Analyses of Breeding Density, Nest Site Preferences, and Population Size of Three Diurnal Raptors in Southeastern Madagascar. *North American Ornithological Conference*. New Orleans, LA.
- Vogel, E., and **Karpanty, S.M.** (2002) Aiza Biby's Planting for the Future Project in Madagascar and Costa Rica. *Association of Zoological Horticulture and American Zoological Association Joint Annual Conference*. Kansas City, KS.
- Matzkin, L.M.** (2002) Activity Variation Within and Between Alcohol Dehydrogenase (ADH) Paralogs in *Drosophila mojavensis* and *D. arizonae*. *Annual Meeting of the Society of the Study of Evolution (SSE)*. Urbana-Champaign, IL.
- Matzkin, L.M.** (2002) Molecular Evolution and Subfunctionalization of Alcohol Dehydrogenase (ADH) Paralogs in Cactophilic *Drosophila*. *43rd Annual Drosophila Research Conference*. San Diego, CA.
- Noto, C.R.** (in press) Paleobiology by the Numbers: A Method for Quantifying Global Dinosaur Diversity Patterns. *Northeast Ecology and Evolution Conference*. Rutgers University, New Brunswick, NJ.
- Noto, C.R.**, Rees, P.M., Ziegler, A.M., and Weishampel, D.B. (2002) Rocks, Bones, and Plants: A Pattern of Latitudinal Dependence Demonstrated by the Distribution of Jurassic Dinosaurs. *Society of Vertebrate Paleontology Annual Meeting*. Norman, OK.
- Sezgin, E.**, and W.F. Eanes. (2002) Adaptive Amino Acid Evolution at the *G-6-pase* Locus in *D. Simulans* Lineage. *Annual Meeting of the Society of the Study of Evolution (SSE)*. Urbana-Champaign, IL.

- Vogel, E.R.** (2003) The Effect of Ecology on Aggressive Interactions in White-faced Capuchin Monkeys, *Cebus capucinus*, in a Costa Rican Dry Forest. *American Association of Physical Anthropologists Annual Meeting*. AZ.
- Vogel, E.R.** (2003) The Effect of Ecology on Aggressive Interactions in White-faced Capuchin Monkeys, *Cebus capucinus*, in a Costa Rican Dry Forest. *The 40th Anniversary Symposium for the Organization of Tropical Studies*. San Jose, Costa Rica.
- Vogel, E.R.** (2002) Madagascar-Eden in Flames: A Report on the Ranamofana Reforestation Project. *American Association of Zoological Horticulture and Association of American Zoo Keepers Joint 2002 National Conference*. Kansas City, MO.

❖ **Post-Doctorates Obtained and Professional Appointments**

- Matzkin, L.M.** (2003) Postdoctoral Fellow. *Center for Insect Science*, University of Arizona, Tucson, AZ.

ECONOMICS

GRADUATE DIRECTOR: THOMAS MUENCH

DEPARTMENT CHAIR: WILLIAMS DAWES

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

Tauman, Yair, and **Zapechelnuk, A.** (2002) Power of a Ruler. *The 13th International Conference on Game Theory*. Stony Brook University, Stony Brook, NY.

ELECTRICAL AND COMPUTER ENGINEERING

GRADUATE DIRECTOR: YUAN YUAN YANG

DEPARTMENT CHAIR: SERGE LURYI

❖ Jointly Authored Publications/Research Reports/Reviews

Qin, X., and Y. Yang. (2002) Nonblocking WDM Switching Networks with Full and Limited Wavelength Conversion. *IEEE Transactions on Communications* 50: 2032-2041.

Qin, X., and Y. Yang. (2003) Optical Crossconnect Architectures for Wavelength Routed WDM Networks. *Optical Networks Magazine* 4 (4).

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Dorojevets, M., and **D. Strukov**. (2002) Memory Latency Reduction with Fine-Grain Migrating Threads in NUMA Shared-Memory Multiprocessors. *Proc. Parallel and Distributed Computing and Systems*. Cambridge, MA: 767-772.

Dorojevets, M., and **D. Strukov**. (2003) Architecture and Gate Level Design of a 25 GHz 32-bit Floating-point Multiplier in RSFQ logic. *International Superconducting Electronics Conference*. Sydney, Australia (submitted).

Dorojevets, M., and **D. Strukov**. (2003) Designing the First Superconductor RSFQ Chipset for a 32-bit Floating-point Vector Multiply Unit. *Future Trends in Microelectronics, Advanced Research Workshop*. Corsica, France (submitted).

Qin, X., and Y. Yang. (2003) Blocking Probability in WDM Multicast Switching Networks with Limited Wavelength Conversion. *Proceedings of the 2nd IEEE International Symposium on Network Computing and Applications (NCA-03)*.

Qin, X., and Y. Yang. (2002) Blocking Probability in WDM Switching Networks with Limited Wavelength Conversion. *Proceedings of the 11th IEEE International Conference on Computer Communications and Networks (ICCCN'02)*. Miami, FL: 454-459.

❖ Technical Reports

Qin, X., and Y. Yang. (2002) Blocking Probability in WDM Multicast Switching Networks with Limited Wavelength Conversion. *CEAS Technical Report 804*. Stony Brook University, Stony Brook, NY.

Qin, X., and Y. Yang. (2002) Multicast Connection Capacity of WDM Switching Networks with Limited Wavelength Conversion. *CEAS Technical Report 805*. Stony Brook University, Stony Brook, NY.

Qin, X., and Y. Yang. (2002) Network-wide Blocking Probability with Limited Wavelength Conversion in Wavelength-routed Networks. *CEAS Technical Report 806*. Stony Brook University, Stony Brook, NY.

ENGLISH

GRADUATE DIRECTOR: SUSAN SCHECKEL

DEPARTMENT CHAIR: PETER MANNING

❖ Grants, Fellowships, and Awards

Geday, Mary. (2003) Alan Babich Memorial Prize for Excellence in Teaching by a Graduate Student, \$500.

Hatwalkar, Kavita. (2003) Tuition Fellowship for Cornell University School of Criticism and Theory, \$2100. *Stony Brook University*, Stony Brook, NY.

Holko, Michael S. (2003) W. Burghardt Turner Dissertation Fellowship, \$10,000. *W.Burghardt Turner Fellowship Program*, Stony Brook, NY.

Holko, Michael S. (2003) Meyer Award for a Graduate Student of Promise, \$200.

Kightlinger, Jennifer-Ann. (2003) Stony Brook Presidential Award. *Stony Brook University*, Stony Brook, NY.

Machado, E. (2002) W. Burghardt Turner Fellowship Summer Research Grant, \$325. *W.Burghardt Turner Fellowship Program*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Fazio, Michele. (2003) Who was Raimondo Fazio?: A Family History Recovered. *Our Own Voices: Multidisciplinary Perspectives on Italian and Italian American Women*. Elizabeth Messina, Ed. Bordighera Press (forthcoming).

Fazio, Michele. (2003) Review of *I Have Found My Voice: The Italian-American Woman Writer*. Mary Frances Pipino. New York: Peter Lang Publishing, 2000. *The Journal of The Society for the Study of Multi-Ethnic Literature of the United States* (forthcoming in a special edition on Italian American literature).

Girard, Kristin. (2002) Remembrance of (Small) Things Past: Trauma and Memory in Arundhati Roy's *The God of Small Things*. *Q/W/E/R/T/Y: Arts, Littératures & Civilisations du Monde Anglophone* 12: 167-174.

Machado, E. (2003) The Routes of Global Nostalgia in Cristina García's *Dreaming in Cuban*. *Emerging Scholars Issue, Sargasso: A Journal of Caribbean Literature, Language, & Culture*. (forthcoming).

Machado, E. (2002) Deborah E. McDowell: The Eye/I of Record—Remembering the Civil Rights Movement. *The Stony Brook Humanities Institute Newsletter* 4.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Beardsley, Jason. (2003) The Power of the Visible: Marianne Moore and Internal Relations. *Humanitas: A Reconsideration, 15th Annual Interdisciplinary Graduate Conference*. Stony Brook University, Stony Brook, NY.

Beardsley, Jason. (2003) The Substance (or Subject) of Fact in Wordsworth's The Thorn. *Placing Romanticism: Sites, Borders, Forms, 11th Annual Conference of the North American Society for the Study of Romanticism*. Fordham University: New York, NY.

Girard, Kristin. (2003) Awake in America/Awakening América: Female Identity Formation in Esmeralda Santiago's *América's Dream*. *NEMLA Annual Convention*. Boston, MA.

- Girard, Kristin.** (2002) More than Coincidence: Breaking the Frame of *Magnolia*. *Image/Film/Text Conference*. SUNY at Binghamton, Binghamton, NY.
- Fazio, Michele.** (2003) Worlds Apart: The Representation of Work and Workers in Haruki Murakami's Underground: The Tokyo Gas Attack and the Japanese Psyche. *Working-Class Studies: Intersections with Race, Gender and Sexuality*. Center for Working-Class Studies at Youngstown State University, Youngstown, OH.
- Fazio, Michele.** (2003) (Re)Claiming an Italian American Feminism: A Consideration of Family, Immigration and Labor History. *1st Annual Graduate Student Women's Studies Conference – The Next Generation*. Southern Connecticut State University, New Haven, CT.
- Fazio, Michele.** (2003) Hidden Hurdles and Invisible Injuries: Working Class Students in Higher Education, Co-coordinator. *Center for Study of Working Class Life*. Stony Brook University, Stony Brook, NY.
- Fazio, Michele.** (2002) The Future of Italian American Studies. *1st Annual Italian Studies Symposium, UNICO National*. Seton Hall University, South Orange, NJ.
- Fazio, Michele.** (2002) Class and Class Identity, Chair. *How Class Works Conference, Center for Study of Working Class Life*. Stony Brook University, Stony Brook, NY.
- Fazio, Michele.** (2002) Poetry Reading, Host. *How Class Works Conference, Center for Study of Working Class Life*. Stony Brook University, Stony Brook, NY.
- Fazio, Michele.** (2002) How to Present a Conference Paper, Co-coordinator. *Center for Excellence in Learning and Teaching*. Stony Brook University, Stony Brook, NY.
- Hatwalkar, Kavita.** (2003) Walt Whitman's America: Postcoloniality in the 19th Century. *HUMANITAS: A Reconsideration*. Stony Brook University, Stony Brook, NY.
- Hatwalkar, Kavita.** (2003) Walt Whitman's America: Repression and Subversion in the Postcolonial 19th Century. *Repression and Subversion in the Nineteenth Century*. University of South Carolina, Columbia, SC.
- Hatwalkar, Kavita.** (2003) Unclaimed Involuntary Diasporic Space: Children of Indian Immigrants and the Relationship to Nation. *Critical Moments: Re-membering Community and Self*. Emory University, Atlanta, GA.
- Josephs, Linda L.** (2003) D.H. Lawrence: ECOcentrist. *HUMANITAS: A Reconsideration. Stony Brook University Graduate Student Conference*. Stony Brook, NY.
- Josephs, Linda L.** (2003) American Poets: Henry Wadsworth Longfellow & Walt Whitman (with Kavita Hatwalkar); Emily Dickinson & Robert Frost; Ezra Pound, T.S. Eliot, Wallace Stevens, W.C. Williams and E.E. Cummings. *Lecture Series, Sachem Public Library*. Holbrook, NY.
- Josephs, Linda L.** (2002) Southern Writers with a Sense of Place: William Faulkner, Eudora Welty, Zora Neale Hurston. *Lecture Series, Sachem Public Library*. Holbrook, NY.
- Kightlinger, Jennifer-Ann.** (2003) Wallace Stevens: Poetry's Response to Cold War Anxieties. *Stony Brook University Graduate Student Conference*. Stony Brook, NY.
- Kightlinger, Jennifer-Ann.** (2002) Literature and Religion: Sexuality and Hanson's Mariette in Ecstasy. *St. John's College of Liberal Arts & Sciences* (Guest Lecturer). St. John's University, Queens, NY.
- Machado, E.** (2003) Global Routes of Nostalgia in Cristina Garcia's *Dreaming in Cuban*. *Caribbean Currents: Navigating the Word and the Web, XXII Annual West Indian Literature Conference*. University of Miami, Coral Gables, FL.
- Machado, E.** (2002) Going Global: The Cosmopolitan Subject in Contemporary Theory. *XII Annual Central New York Conference on Language and Literature*. SUNY Cortland, Cortland, NY.

ENGLISH

- Machado, E.** (2002) Puerto Rico, U.S.A.: 'Statehood-ing' Puerto Rican Literature in Rosario Ferré's *House on the Lagoon*. *V Congreso de Estudiantes Graduados*. Brown University, Providence, RI.
- Machado, E.** (2002) Panel Moderator. Moving Territories, Shifting Identities. *Refiguring the Americas: Disciplines, Genres, Histories*. Latin American and Caribbean Studies Center, Stony Brook University, Stony Brook, NY.
- Shapiro, Terry.** (2003) Kipling's Kim: Aesthetics and Imperialism. *Humanitas Conference*. Stony Brook University, Stony Brook, NY.
- Shapiro, Terry.** (2003) Taking the Te-rain in Search of the River of the Arrow: Indian Railways in the Victorian Imagination. *The Northeast Victorian Studies Association Annual Meeting*. MIT, Cambridge, MA.
- Shapiro, Terry.** (2003) Christabel's Midnight visit to *Nightmare Abbey*: A Critical Expose' and Transgressive Cover-up. *North American Society for the Study of Romanticism*. Fordham University, New York, NY.
- Slankard, Tamara.** (2003) Silence and Storytelling: Constructing a Hybrid Identity in The Woman Warrior. *Stony Brook University Graduate Student Conference*. Stony Brook, NY.
- Slankard, Tamara.** (2003) Going Through the Looking Glass: Luce Irigaray's Cuntainment and Continuity. *Southern Connecticut State University Graduate Women's Studies Conference*. New Haven, CT.
- Slankard, Tamara.** (2003) Chasing the Wild Goose: Androgyny, Hermaphroditism and the 'Truth' About Orlando. *13th Annual Conference on Virginia Woolf*. Smith College. Northampton, MA.
- Slankard, Tamara.** (2002) Gender, Sexuality and Other Phallacies: Deconstructing the Modern Experience in Djuna Barnes' *Nightwood*. *The University of Tulsa Student Research Colloquium*. Tulsa, OK.
- Slankard, Tamara.** (2002) Dark Knight of the Sole: Making Room for the Iconic Female Warrior. *The University of Tulsa Student Research Colloquium*. Tulsa, OK.
- Stormont, Craig.** (2003) Charles Olson's Anti-Humanistic Stance: An Ecocritical Rationale. *Humanitas: A Reconsideration, Stony Brook University Graduate Student Conference*. Stony Brook, NY.
- Stormont, Craig.** (2003) Herman Melville's Righteous Battle: Linking *Pierre* and *Battle Pieces*. *Writing at War: Literatures in Conflict/Conflicts in Literature*. English Student's Association, Eighth Annual Conference, CUNY Graduate Center, New York, NY.
- Warshauer, Leanne.** (2003) Co-Chair, CCCC Workshop. Feminist Narratives of Connection and Displacement: Painful Transformations. *Conference on College Composition and Communication*. New York, NY.
- Warshauer, Leanne.** (2003) Let it Flow: Inviting Creativity and Synergy Through a Virtual Workshop. *SUNY Council on Writing Conference*. Selden, NY.

❖ Internship Appointments

- Slankard, Tamara.** (2003) Assistant Managing Editor. *Hypatia: A Journal of Feminist Philosophy*, Stony Brook, NY.

❖ Post-Doctorates Obtained and Professional Appointments

- Brown-Rose, Josie.** (2003) Assistant Professor. *Western New England College*, Springfield, MA.
- Frangos, Jennifer.** (2003) Assistant Professor. *Texas Tech University*, Lubbock, TX.

- Machado, E.** (2003) Assistant Professor. English Department, *Florida Atlantic University*, Boca Raton, FL.
- Machado, E.** (2002) Editor. Open Directory Project. <<http://dmoz.org/Arts/Literature/Cultural/Latino/>>
- Machado, E.** (2002) Research Assistant, for Sally Sternglanz. Women's Studies Department, *Stony Brook University*, Stony Brook, NY.
- Machado, E.** (2002) Member. Undergraduate Program Committee, English Department. *Stony Brook University*, Stony Brook, NY.
- Machado, E.** (2002) Undergraduate Assistant Director and Advisor. English Department, *Stony Brook University*, Stony Brook, NY.
- Mallavarapu, Srikanth.** (2003) Brittain Postdoctoral Fellowship. *Georgia Institute of Technology*, Atlanta, GA.
- Slankard, Tamara.** (2002) Reader. *Tulsa Studies in Women's Literature*, Tulsa, OK.
- Warshauer, Leanne.** (2003) Full-time Lecturer. Program in Writing and Rhetoric, *Stony Brook University*, Stony Brook, NY.

❖ **Other**

- Machado, E.** (2002) *Mentor*. Turner Fellowship/Advancement on Individual Merit Mentors Program (TAMP), *Stony Brook University*, Stony Brook, NY.

EUROPEAN LANGUAGES, LITERATURES, AND CULTURES

GRADUATE DIRECTOR: NICHOLAS RZHEVSKY
DEPARTMENT CHAIR: CHARLES FRANCO

❖ Grants, Fellowships, and Awards

Ghezzi, Lucia. (2002) Caracciolo di Marano Ducarne Award, \$500. Center for Italian Studies, *Stony Brook University*, Stony Brook, NY.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Costa, Giuseppe, and Yvonne Mattevi. (2003) Prewriting. *Northeast Conference On the Teaching of Foreign Languages*. Washington D.C.

Geisherik, Anna. (2002) Attitudes and Motivation of Russian Heritage Learners. *AATSEEL Conference*. New York, NY.

GENETICS

GRADUATE DIRECTOR: J. PETER GERGEN

❖ Grants, Fellowships, and Awards

- Moore, Marissa.** (2002) U.S. Army Breast Cancer Research Program Predoctoral Traineeship Award, \$90,000/3 years. *U.S. Army Medical Research and Materiel Command Congressionally Directed Medical Research Programs*, Fort Detrick, MD.
- Kim, Edward J.** (2002) U.S. Army Breast Cancer Research Program Predoctoral Traineeship Award, \$90,000/3 years. *U.S. Army Medical Research and Materiel Command Congressionally Directed Medical Research Programs*, Fort Detrick, MD.
- Vas, Amit.** (2002) Abrahams Award for Outstanding Scientific Achievement by a Graduate Student, \$300. *Department of Molecular Genetics and Microbiology*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

- McBride, K.M., **Banninger, Gregg**, McDonald, C., Reich, N.C. (2002) Regulated Nuclear Import of the STAT1 Transcription Factor by Direct Binding of Importin-alpha. *EMBO J 21* (7):1754-63.
- Paddison, P.J., Caudy, A.A., **Bernstein, Emily**, Hannon, G.J., Conklin, D.S. (2002) Short Hairpin RNAs (shRNAs) Induce Sequence-specific Silencing in Mammalian Cells. *Genes Dev 16*: 948-58.
- Carmell, Michelle A.**, Zhang, L., Conklin, D.S., Hannon, G.J., and Rosenquist, T.A. (2003) Germline Transmission of RNAi in Mice. *Nat Struct Biol. 10*: 91-2.
- Carmell, Michelle A.**, Xuan, Z., Zhang, M.Q., Hannon, G.J. (2002) The Argonaute Family: Tentacles that Reach into RNAi, Developmental Control, Stem Cell Maintenance, and Tumorigenesis. *Genes Dev. 16*: 2733-42.
- Hall, A.B., Jura, N., **DaSilva, John**, Jang, Y.J., Gong, D., Bar-Sagi, D. (2003) hSpry2 Is Targeted to the Ubiquitin-Dependent Proteasome Pathway by c-Cbl. *Curr Biol 13*: 308-14.
- Araya, E., Berthier, C., **Kim, Edward**, Yeung, T., Wang, X., Helfman, D.M. (2002) Regulation of Coiled-coil Assembly in Tropomyosins. *J Struct Biol 137*: 176-83.
- Indyk, Justin A.**, Chen, Z.L., Tsirka, S.E., Strickland, S. (2003) Laminin Chain Expression Suggests that laminin-10 is a Major Isoform in the Mouse Hippocampus and is Degraded by the Tissue Plasminogen Activator/plasmin Protease Cascade during Excitotoxic Injury. *Neuroscience 116*: 359-71.
- Kamenetz, Flavio**, Tomita, T., Hsieh, H., Seabrook, G., Borchelt, D., Iwatsubo, T., Sisodia, S., Malinow, R. (2003) APP Processing and Synaptic Function. *Neuron 37*: 925-37.
- Mendez, J., Zou-Yang, X.H., **Kim, So Young**, Hidaka, M., Tansey, W.P., Stillman, B. (2002) Human Origin Recognition Complex Large Subunit is Degraded by Ubiquitin-mediated Proteolysis after Initiation of DNA Replication. *Mol Cell. 9*: 481-91.
- Landry, Joseph**, and Sternglanz, R. (2003) Yeast Fms1 is a FAD-utilizing Polyamine Oxidase. *Biochem Biophys Res Commun 303*: 771-6.
- Li, X., **Massa, Paul**, Hanidu, A., Peet, G.W., Aro, P., Savitt, A., Mische, S., Li, J., Marcu, K.B. (2002) IKKalpha, IKKbeta and NEMO/IKKgamma are Each Required for the NF-kappa B Mediated Inflammatory Response Program. *J Biol Chem 277*: 45129-40.
- Messick, Troy**, Chmiel, N.H., Golinelli, M.P., Langer, M.R., Joshua-Tor, L., David, S.S. (2002) Nucleosyl Coordination to the [4Fe-4S]²⁺ Cluster of the DNA Repair Adenine Glycosylase

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- MutY Introduced via Site-Directed Mutagenesis. Structural Characterization of an Unusual Histidinyl-Coordinated Cluster. *Biochemistry* 41: 3931-3942.
- Bandyopadhyay, D., **Okan, Nihal A.**, Bales, E., Nascimento, L., Cole, P.A., Medrano, E.E. (2002) Down-regulation of p300/CBP Histone Acetyltransferase Activates a Senescence Checkpoint in Human Melanocytes. *Cancer Res* 62: 6231-9.
- Seger, Yvette R.**, Garcia-Cao, M., Piccinin, S., Lo Cunsolo, C., Doglioni, C., Blasco, M.A., Hannon, G.J., and Maestro, R. (2002) Transformation of Normal Human Cells in the Absence of Telomerase Activation. *Cancer Cell* 2: 401-413.
- Drier, E.A., **Tello-Ruiz, Marcella**, Cowan, M., Wu, P., Blace, N., Sacktor, T.C., Yin, J.C. (2002) Memory Enhancement and Formation by Atypical PKM Activity in *Drosophila melanogaster*. *Nat Neurosci* 5: 316-24.
- VanderZwan, Christine**, Wheeler, J., Li, L.H., Tracey, W.D., and Gergen, J.P. (2003) A DNA-binding-independent Pathway of Repression by the *Drosophila* Runt Protein. *Blood Cells, Molecules, and Disease* (in press).
- Wheeler, J., **VanderZwan, Christine**, X. Xu, D. Swantek, W. Tracey, and J.P. Gergen. (2002) Distinct *In vivo* Requirements for Establishment Versus Maintenance of Transcriptional Repression. *Nature Genetics* 32: 206-10.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

- Seger, Y.R.**, Maestro, R., Piccinin, S., Doglioni, C., and Hannon, G.J. (2002) Transformation of Normal Human Cells in the Absence of Telomerase Activation. *Keystone Symposium on the Genomics and Genetics of Senescence and Cancer*. Keystone, CO.
- Seger, Y.R.**, Garcia-Cao, M., Piccinin, S., Lo Cunsolo, C., Doglioni, C., Blasco, M.A., Hannon, G.J., and Maestro, R. (2002) Transformation of Normal Human Cells in the Absence of Telomerase Activation. *CSHL Meeting on Cancer Genetics & Tumor Suppressor Genes*. Cold Spring Harbor, NY.
- Seger, Y.R.**, Garcia-Cao, M., Piccinin, S., Lo Cunsolo, C., Doglioni, C., Blasco, M.A., Hannon, G.J., and Maestro, R. (2002) Transformation of Normal Human Cells in the Absence of Telomerase Activation. *Department of Defense Era of Hope Breast Cancer Meeting*. Orlando, FL.
- VanderZwan, Christine**, and Gergen, J.P. (2003) Interactions between Runt and Lilli in Transcriptional Activation. *44th Annual Drosophila Research Conference*. Chicago, IL.
- VanderZwan, Christine**, and Gergen, J.P. (2002) Factors that Modulate Transcriptional Regulation by Runt. *Drosophila Discussion Group*. Stony Brook University, Stony Brook, NY.
- Gergen, J.P., **VanderZwan, Christine**, and Swantek, D. (2002) *In vivo* Mechanisms of Transcriptional Activation and Repression by Runt. *Institute for Cell and Developmental Biology*. Shelter Island, NY.
- VanderZwan, Christine**, Swantek, D., Wheeler, J., and Gergen, J.P. (2002) Genetics of Transcriptional Activation and Repression by Runt. *43rd Annual Drosophila Research Conference*. San Diego, CA.
- Naymagon, S., **VanderZwan, Christine**, and Gergen, J.P. (2002) Interaction of *Drosophila* genes *runt* and *lilli* in Embryonic Development. *Celebration of Undergraduate Achievements*. Stony Brook University, Stony Brook, NY.
- Yu, Min**, and McCombie, R. (2002) Comparative Genomic Analysis of the Regulatory Regions of Cancer Related Genes. *Joint Cold Spring Harbor/Wellcome Trust Conference Genome Informatics*. Hinxton, UK.

❖ **Post-Doctorates Obtained and Professional Appointments**

Kamenetz, Flavio. (2002) Medical Student. *Stony Brook University School of Medicine*, Stony Brook, NY.

Kim, So Young. (2002) Postdoctoral Fellow. *Friedrich Miescher Institute*, Basel, Switzerland.

Landry, Joseph. (2002) Postdoctoral Fellow. *National Cancer Institute, National Institutes of Health*, Bethesda, MD.

Madigan, Sanford. (2002) Vice President of Corporate Development. *Ambit Biosciences*, San Diego, CA.

Messick, Troy. (2002) Postdoctoral Fellow. *The Wistar Institute*, Philadelphia, PA.

Golling, Greg. (2002) Senior Research Scientist. *Znomics Inc.*, Portland, OR.

Pepling, Melissa. (2002) Assistant Professor, Department of Biology. *Syracuse University*, Syracuse, NY.

Sims, Matthew. (2003) Fellow in Infectious Diseases. *University of Rochester School of Medicine*, Rochester, NY.

Tello-Ruiz, Marcella. (2002) Postdoctoral Fellow. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

Vas, Amit. (2002) Postdoctoral Associate. *Stony Brook University*, Stony Brook, NY.

GEOSCIENCES

GRADUATE DIRECTOR: WILLIAM HOLT
DEPARTMENT CHAIR: SCOTT MCLENNAN

❖ Grants, Fellowships, and Awards

- Celestian, Aaron J.** (2003) GAANN Fellowship, \$7,500. *Department of Education*, Washington, D.C.
- Cohn, C.A.** (2003) East Asia Summer Institute Fellowship to Japan, \$9,000. *NSF and NIH (USA) and MEXT (Japan)*.
- Cohn, C.A.** (2002) Travel Grant, \$600. *International Society for the Study of the Origin of Life Meeting*, Oaxaca, Mexico.
- Cohn, C.A.** (2001-2004) National Defense Science and Engineering Fellowship in Nanoscience, \$74,000. *Department of Defense*, Washington, D.C.
- Filberto, Justin.** (2003) GAANN Fellowship, \$11,500. *Department of Education*, Washington, D.C.
- Hahn, Brian C.** (2002) GAANN Fellowship, \$7,300. *Department of Education*, Washington, D.C.
- Haq, Saad.** (2002) GAANN Fellowship, \$7,550. *Department of Education*, Washington, D.C.
- Hurowitz, J.A.** (2002) GAANN Fellowship, \$7,550. *Department of Education*, Washington, D.C.
- Klein, E.C.** (2003) NASA Summer School for High Performance Computational Earth and Space Sciences, \$1,440. *NASA*, NASA Goddard Space Flight Center, Greenbelt, MD.
- Martin, C.** (2002) GAANN Fellowship, \$7,300. *Department of Education*, Washington, D.C.
- Nest, Danielle.** (2003) GAANN Fellowship, \$7,500. *Department of Education*, Washington, D.C.
- Tosca, Nicholas.** (2003) GAANN Fellowship, \$11,500. *Department of Education*, Washington, D.C.
- Tosca, Nicholas.** (2002) Excellence in Teaching Award. Dept. of Geosciences, *Stony Brook University*, Stony Brook, NY.
- Whitaker, Matthew.** (2003) GAANN Fellowship, \$7,500. *Department of Education*, Washington, D.C.
- Yu, Tony.** (2002) GAANN Fellowship, \$7,300. *Department of Education*, Washington, D.C.

❖ Singly Authored Publications/Research Reports/Reviews

- Borda, M.J.** (2003) The Formation and Fate of Intermediates During the Oxidation of Pyrite. Doctoral Dissertation. *Stony Brook University*, Stony Brook, NY.
- Celestian, Aaron J.** (2002) Ion Exchange of $(K_8Al_8Ge_8O_{32} \cdot 8H_2O)$ and $(Na_{24}Al_{24}Ge_{24}O_{96} \cdot 40H_2O)$ Gismondine. *Stony Brook University*, Stony Brook, NY.
- Druschel, G.K., Schoonen, M.A.A., Nordstrom, D.K., Ball, J.W., Xu, Y., **Cohn, C.A.** (in press) Sulfur Geochemistry of Hydrothermal Waters in Yellowstone National Park, Wyoming. III. An Anion-Exchange Resin Technique for Sampling and Preservation of Sulfoxyanions in Natural Waters. *Geochemical Transactions*.

❖ **Jointly Authored Publications/Research Reports/Reviews**

- Hassan, I., **Antao, S.M.**, and Parise, J.B. (2003) Sodalite: High Temperature Structures Obtained from Synchrotron Radiation and Rietveld Refinements. *American Mineralogist* (submitted).
- Antao, S.M.**, Hassan, I., and Parise, J.B. (2003) Tugtupite: High Temperature Structures Obtained from Synchrotron Radiation and Rietveld Refinements. *American Mineralogist* (submitted).
- Antao, S.M.**, and Hassan, I. (2002) Thermal Behavior of Scapolite $Me_{79.6}$ and $Me_{33.3}$. *Canadian Mineralogist* 40: 1395-1401.
- Antao, S.M.**, Duane, M.J., and Hassan, I. (2002) DTA, TG, and XRD Studies of Sturmanite and Ettringite. *Canadian Mineralogist* 40: 1403-1409.
- Hassan, I., **Antao, S.M.**, and Hersi, A.A. (2002) Single-Crystal XRD, TEM, and Thermal Studies of the Satellite Reflections in Nepheline. *Canadian Mineralogist* (accepted).
- Antao, S.M.**, Hassan, I., Hanson J.C., Chen, J., and Parise, J.B. (2002) The Order-Disorder and Structural Behavior of Magnesioferrite to About 1000°C. *NSLS Activity Report*.
- Antao, S.M.**, Hassan, I., Hanson J.C., and Parise, J.B. (2002) Determination of the High-Temperature Structures of Tugtupite Using Synchrotron Radiation and Rietveld Refinements. *NSLS Activity Report*.
- Antao, S.M.**, Hassan, I., Lee, Y., Vogt, T., and Parise, J.B. (2002) Compression of Scapolite $Me_{79.6}$ to 83 KBars. *NSLS Activity Report*.
- Borda, M.J.**, Elsetinow, A.R., Strongin, D.R., and Schoonen, M.A. (2003) A Mechanism for the Production of Hydroxyl Radical at Surface Defect Sites on Pyrite. *Geochimica et Cosmochimica Acta* 67 (5): 935-939.
- Borda, M.J.**, Strongin, D.R., and Schoonen, M.A. (2003) A Novel Vertical Attenuated Total Reflectance Photochemical Flow-Through Reaction Cell for Fourier Transform Infrared Spectroscopy. *Spectrochimica Acta, Part A: Molecular Spectroscopy* 59 (5): 1103-1106.
- Borda, M.J.**, Strongin, D.R., and Schoonen, M.A. (2003) A Vibrational Spectroscopic Study of the Oxidation of Pyrite by Ferric Iron. *American Mineralogist* (accepted).
- Borda, M.J.**, Strongin, D.R., and Schoonen, M.A. (2003) A Vibrational Spectroscopic Study of the Oxidation of Pyrite by Molecular Oxygen. *Geochimica et Cosmochimica Acta* (submitted).
- Druschel, G.K., **Borda, M.J.**, Hamers, R.J., and Banfield, J.F. (2003) Inorganic Oxidation Kinetics of Elemental Sulfur at Low pH. *Aquatic Geochemistry* (submitted).
- Zhang, X., **Borda, M.J.**, Schoonen, M.A., and Strongin, D.R. (2003) The Adsorption of Phospholipids on Pyrite and its Effect on Surface Oxidation. *Langmuir* (submitted).
- Zhang, X., **Borda, M.J.**, Schoonen, M.A., and Strongin, D.R. (2003) Pyrite Oxidation Inhibition by a Cross-Linked Lipid Coating. *Geochemical Transactions* (submitted).
- Celestian, Aaron J.**, Parise, J.B., Goodell, C., Hanson, J. (submitted) Ion Exchange Between K and Na Forms of Synthetic Zeolite (Al, Ge) Gismondine. *Microporous and Mesoporous Materials*.
- Celestian, Aaron J.**, Parise, J.B., Tripathi, A., Kvik, A., Vaughan, G. (in review) $(K_{0.5}Li_{0.5})Al_8Ge_8O_{32} \cdot 8H_2O$, a Li^+ Exchanged Potassium Alumino-germanate with the Zeolite Gismondine Typology. *Acta Crystallographica Section C*.
- Cole, J.M., Nienstedt, J., Spataro, G., Rasbury, E.T., Lanzirotti, A., **Celestian, Aaron J.**, Nilsson, M., Hanson, G.N. (2003) Use of Phosphor Imaging to Map ppm Levels of Uranium and Thorium in Rocks and Minerals. *Chemical Geology* 193 (1-2): 127-136.
- Celestian, Aaron J.**, Parise, J., Hanson, J. (2002) Time Resolved X-ray Diffraction Studies of K, Na and Li Exchanged (Al,Ge)-GIS. *National Synchrotron Light Source Activity Report*.

- Tripathi, A., Medvedev, D., **Celestian, Aaron J.**, Parise, J., Hanson, J. Nyman, M., Clearfield, A. (2002) Structural Investigation of the Origin of Selectivity for Cs and Sr in the Nb-Substituted Titanosilicate with the Mineral Sitenakite Topology. *National Synchrotron Light Source Activity Report*.
- Hansson, T.K., **Cohn, C.A.**, Larsson, H.S., Sowerby, S.J., Holm, N.G. (2002) *Geochimica et Cosmochimica Acta* 66 (15A): A310-A310 Suppl.
- Hurowitz, J.A.**, McLennan, S.M., Lindsley, D.H., Schoonen, M.A.A. (2003) Hydrothermal Alteration of the Martian Crust: An Experimental Approach. *Lunar and Planetary Science XXXIV*, Abstract #1781, Lunar and Planetary Institute, Houston, TX (CD-ROM).
- Klein, E.C.**, Davis, D.M. (2002) Surface Sample Bias and Clast Fabric Interpretation Based on Till, Ditch Plains, Long Island. *Geology of Long Island and Metropolitan New York*. Hanson, G.N., Ed. Long Island Geologists: State University of New York, 14-26.
- Lee, Y.J.**, Reeder R.J., Wenskus R.W., and Elzinga E.J. (2002) Local Relaxation Around Mn(II) Into Calcite: A Mn K-edge EXAFS Study. *National Synchrotron Light Source (NSLS) Activity Report*.
- Lee Y.J.**, Elzinga E.J., and Reeder R.J. (2002) EXAFS Study of Cu(II) Adsorption on Calcite in The Presence of Humic Acid. *National Synchrotron Light Source (NSLS) Activity Report*.
- Lee Y.J.**, Reeder R.J., Wenskus R.W., and Elzinga E.J. (2002) Structural Relaxation in the MnCO₃-CaCO₃ Solid Solution: A Mn K-edge EXAFS Study. *Physics and Chemistry of Minerals* 29: 585-59.
- Kennedy, B.J., Vogt, T., **Martin, C.**, Parise, J.B., and Hriljac, J.A. (2002) Pressure-induced Phase Transition in PrAlO₃. *Chemistry of Materials* 14 (6): 2644-2648.
- Martin, C.**, Kung, J., Weidner, D., Parise, J. (2002) Elasticity of NaMgF₃ at High Pressure and Temperature. *National Synchrotron Light Source at BNL Activity Report*.
- Martin, C.**, Lee, Y., Parise, J., Vogt, T. (2002) Low Temperature Phase Transition and Thermal Expansion of K(x)Na(1-x)MgF₃. *National Synchrotron Light Source at BNL Activity Report*.
- Martin, C.**, Lee, Y., Parise, J., Vogt, T. (2002) Compressibility of K(x)Na(1-x)MgF₃ Endmember, KMgF₃. *National Synchrotron Light Source at BNL Activity Report*.
- Martin, C.**, Lee, Y., Parise, J., Vogt, T. (2002) Compressibility of Epistilbite CaAl₂Si₆O₁₆·5(H₂O). *National Synchrotron Light Source at BNL Activity Report*.
- Martin, C.**, Parise, J., Stephens, P. (2002) Unit Cell Volume of K(x)Na(1-x)MgF₃ from High-Resolution Powder Diffraction. *National Synchrotron Light Source at BNL Activity Report*.
- Smirnov, A.**, and Schoonen, Martin, A. A. (in press) Evaluating Experimental Artifacts in Hydrothermal Prebiotic Synthesis Experiments. *Origins of Life and the Evolution of Biosphere*.
- Tosca, Nicholas**, McLennan, S.M., Lindsley, D.H., Schoonen, M.A. (2003) Acid-Sulfate Weathering of Synthetic Martian Basalt: The Acid Fog Model Revisited. *LPS XXXIV*, Abstract #1325, Lunar and Planetary Institute, Houston, TX (CD-ROM).

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Antao, S.M.**, Hassan, I., Hanson J.C., Chen, J., and Parise, J.B. (2002) Determination of the High-temperature Structures of Magnesioferrite, MgFe₂O₄, Using Synchrotron Radiation and Rietveld Refinements. *AGU Fall Meeting*. San Francisco, CA (# MR61A-1023).
- Borda, M.J.**, Strongin, D.R., and Schoonen, M.A. (2003) Using Vibrational Spectroscopy to Study Pyrite Oxidation. *225th ACS National Meeting*. New Orleans, LA.
- Borda, M.J.** (2003) Symposium Co-organizer, Metal Sulfide Formation And Reactivity: A Multi-Disciplinary Approach To The Role Of Metal Sulfide Minerals In Past And Present Environments. *225th ACS National Meeting, Geochemistry Division*. New Orleans, LA.

- Celestian, Aaron J.** (2003) Time-resolved in Situ Ion Exchange of Molecular Sieves. *National Synchrotron Light Source Lunchtime Seminar*. Brookhaven National Lab, NY.
- Tripathi A., Medvedev D., Clearfield A., **Celestian, Aaron J.**, Parise, J.B., Nyman, M., Hanson, J. (2003) In Situ Synchrotron X-ray Structural Studies of Crystal Growth and Ion Exchange in Tunnel-type Titanosilicates. *225th ACS National Meeting*. New Orleans, LA.
- Celestian, Aaron J.**, Parise, J.B. (2002) K, Na, and Li Ion Exchange Properties in (Al, Ge)-GIS Type Zeolites. *Northeast Corridor Zeolite Association*. Philadelphia, PA.
- Cohn, C.A.**, Borda, M.J., Schoonen, M.A. (2003) Fate of RNA in the Presence of Pyrite: Relevance to the Origin of Life. *Meeting of the American Chemical Society*. New Orleans, LA.
- Cohn, C.A.**, Borda, M.J., Schoonen, M.A. (2003) Fate of RNA, Adenine and Glycine in the Presence of Minerals. *Nasa Astrobiology Institute General Meeting*. Tempe, AZ.
- Cohn, C.A.**, Hansson, T.K., Larsson, H.S., Sowerby, S.J., Holm, N.G. (2002) *International Society for the Study of the Origin of Life*. Oaxaca, Mexico.
- Hahn, Brian C.**, Holt, William E., Paul, G., Kreemer, Corn . (2002) Changes in Continental Area Inferred From Space Geodesy. *American Geophysical Union Fall Meeting*. San Francisco, CA.
- Holt, William E., **Hahn, Brian C.**, Silver, Paul G., Kreemer, Corn . (2002) Lithosphere-Mantle Coupling Inferred From Mantle Seismic Anisotropy Measurements and Surface Deformation Rates. *American Geophysical Union Fall Meeting*. San Francisco, CA.
- Stephenson, Melissa, Silver, Paul G., Holt, William E., **Hahn, Brian C.**, Wang, C., Chan, W. (2002) Analysis of Mantle Flow Beneath the India-Eurasia Collision Zone Using Seismic Anisotropy and Surface Deformation Measurements. *American Geophysical Union Fall Meeting*. San Francisco, CA.
- Klein, E.C.**, Flesch, L.M., Holt, W.E., Haines, A.J., Wen, L. (2002) American Geophysical Union, San Francisco, CA. An Integrated Approach to Understanding the Driving Forces of Deforming Western North America. *Eos Trans. AGU 83 (47)*, Fall Meet. Suppl., Abstract T11D-1283.
- Lee, Y.J.**, Elzinga E.J., and Reeder R.J. (2002) Cu(II) Adsorption at Calcite Surface in the Presence of Natural Organic Matter (NOM). *The 223rd American Chemical Society (ACS) National Meeting*. Orlando, FL.
- Smirnov, A.**, and Schoonen, M.A.A. (2003) Abiotic Nitrogen Reduction in Submarine Hydrothermal Systems: A Modeling Study. *NASA Astrobiology General Meeting*. Tempe, AZ.
- Schoonen, M.A.A., and **Smirnov, A.** (2002) Reduced Nitrogen Compounds in Hydrothermal Vent Systems: A Critical Evaluation. *Astrobiology Science Conference*. Moffet Field, CA.
- Smirnov, A.**, and Schoonen, M.A.A. (2002) Evaluating Organic Contamination in Hydrothermal Prebiotic Synthesis Experiments. *Astrobiology Science Conference*. Moffet Field, CA.
- Smirnov, A.**, and Schoonen, M.A.A. (2002) Influence of Seawater Sulfate Concentrations on the Chemistry of Hydrothermal Vent Solutions: A Modeling Approach. *Astrobiology Science Conference*. Moffet Field, CA.
- Tosca, Nicholas**, McLennan, S.M., Lindsley, D.H., Schoonen, M.A. (2003) Acid-Sulfate Weathering of Synthetic Martian Basalt: The Acid Fog Model Revisited. *34th Lunar and Planetary Science Conference*. Houston, TX.
- Wang, Yi**, Wen, Lianxing. (2002) Mapping its Boundary in the South Atlantic Ocean for a Compositional Anomaly at the Base of the Mantle. *American Geophysical Union (AGU)*. San Francisco, CA.
- Yu, Wen-Che**, Wen, L., Niu, F. (2002) Seismic Velocity Structure in the Outer Core. *8th Symposium of Study of Earth's Deep Interior*. Lake Tahoe, CA.
- Yu, Wen-Che**, Wen, L., Niu, F. (2002) Seismic Velocity and Attenuation Structures at the Top 400 km of the Inner Core. *American Geophysical Union Fall Meeting*. San Francisco, CA.

GEOSCIENCES

❖ Post-Doctorates Obtained and Professional Appointments

Borda, M.J. (2003) Post Doctoral Research Associate. Department of Plant and Soil Sciences, *The University of Delaware*, Advised by Dr. Donald L. Sparks.

Celestian, Aaron J. (2002) Visiting Investigator. Geophysical Laboratory, *Carnegie Institution of Washington*, Washington, D.C.

HISPANIC LANGUAGES, LITERATURES, AND CULTURES

GRADUATE DIRECTOR: BENIGNO TRIGO
DEPARTMENT CHAIR: ROMAN DELACAMPA

❖ Grants, Fellowships, and Awards

- Frohlich, Margaret.** (2002-2003). Presidential Fellowship. *Stony Brook University*, Stony Brook, NY.
- Lange, Catherine E.W.** (2002) Grant. *Program for the Cultural Cooperation between the Spanish Ministry of Education, Culture and Sports and United States Universities Grant*.
- Reyes de Deu, Lucia.** (2002) Patrick Charnon Research Fellowship. Department of Hispanic Languages and Literature, *Stony Brook University*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Balseca, Fernando.** (in press) El Pensamiento Poético de Jorge Carrera Andrade. *Kipus: Revista Andina de Letras* 15.
- Balseca, Fernando.** (2002) Medardo Ángel Silva: un Raro de la Lírica Modernista Ecuatoriana. *Kipus: Revista Andina de Letras* 14: 11-22.
- De Miguel Magro, Tania.** (2002) La Influencia Política para el Empleo en Castellano de Vocablos de Otras Lenguas Peninsulares. *Tinta* VI.
- Callau Gonzalvo, Sergio.** (in press) Almodóvar orgánico. *Riff-Raff. Revista de pensamiento y cultura* 22.
- Callau Gonzalvo, Sergio.** (in press) *Amores perros: La Bestia que Salva. Ameritalia* <www.dst.usb.ve/ameritalia>.
- Callau Gonzalvo, Sergio.** (2002) Review of the books *El Cine y su Espectador* and *La Palabra en Juego. Antología del Nuevo Cuento Mexicano*, by Lauro Zavala. *Revista de Crítica Literaria Latinoamericana* 55: 285 <www.darmouth.edu/~rcll/rcll55.html>.
- Rosado, Victor M.** (2003) Dark Side of Globalization: Review of Globalization and Its Discontents by Joseph Stiglitz. *Left Turn* 8: 76-77.
- Rosado, Victor M.** (2002) Plan Puebla Panama: Paving the Way for the FTAA. *Left Turn* 7: 30-31.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

- Balseca, Fernando.** (2002) ¿Insignias nuevas? La literatura y los Estudios Culturales. *VIII Encuentro de Literatura Ecuatoriana*. Universidad de Cuenca, Cuenca, Ecuador.
- Cannarella, Elaine.** (2002) Modern Language Workshop. *Teaching Language for Proficiency*. Grossmont Community College, San Diego, CA.
- De Miguel Magro, Tania.** (2003) Cubanizarse o morir: La autoexotización del inmigrante cubano en *Cosas que dejé en la Habana* de Manuel Gutiérrez Aragón. *Cine-Lit V*. State University of Portland, OR.
- De Miguel Magro, Tania.** (2003) De las jarchas a la copla: voz femenina y relaciones interraciales en la formación de la identidad española a través de la canción” Tania de Miguel Magro. *Ante la Ley*. The King Juan Carlos I of Spain Center, NYU, New York, NY.
- De Miguel Magro, Tania.** (2003) In the Name of the Butterflies by Julia Álvarez in its Literary Context. *Stony Brook LACC Graduate Student Conference*. Stony Brook University, Stony Brook, NY.

HISPANIC LANGUAGES, LITERATURES, AND CULTURES

- De Miguel Magro, Tania.** (2003) La arquitectura de la Habana en René Portocarrero y en La vida es silbar de Fernando Pérez. *Charlas literarias 2003*. Hispanic Languages and Literature Department, Stony Brook University, Stony Brook, NY.
- De Miguel Magro, Tania.** (2002) Religion as a Survival Strategy in *Los Naufragios* and in the Film *Cabeza de Vaca* by Nicolás Echevarría. *43rd Annual Meeting of the Society for the History of the Discoveries*. Colegio de Jalisco, Zapopan, Guadalajara, Mexico.
- Frohlich, Margaret.** (2003) The Violent Narration of “Pure” Spain: National Identity and Treason in *Reinvidicación del conde don Julián* by Juan Goytisolo. *The Eleventh Annual International Graduate Conference on Romance Studies. The Self in Search of a Voice and the (Un)Masking of the Speaking Subject*. Boston College, Boston, MA.
- Ibazeta, Mari'a Celina.** (2003) La Cie'naga: Mujer y Poder en el Norte Argentino. *Latin American Student Association, LASA, Conference*. Dallas, TX.
- Lange, Catherine E.W.** (2003) To be a Mother: Women and Francoism in the Noticiarios Documentales y Cinematograficos (NO-DO). *Annual Cine-Lit Conference*. Portland, OR.
- Meyler, Jason.** (2003) Intertwining Visual Registers in Nuyorican Literature. *Textual Visions: Visual Texts Conference*. Cornell University, Ithaca, NY.
- Meyler, Jason.** (2003) How Tasty Was My Little Tele-mundo?: A Case for Cultural Cannibalism in Contemporary US Latino Art. *The Third Interdepartmental Literature Colloquium*. Stony Brook University, Stony Brook, NY.
- Meyler, Jason.** (2002) Visual Narration in Abraham Rodriguez's *The Buddha Book*. *IX Annual Graduate Student Conference*. Rutgers University, New Brunswick, NJ.
- Reyes de Deu, Lucia.** (2002) Espacios alternativos: discursos identitarios y la Internet. *LASA Conference*. Dallas, TX.
- Rosado, Victor M.** (2003) Remapping Race in America: Richard Rodriguez's *Brown*. *Ante La Ley: Twelfth Annual NYU-Columbia Graduate Student Conference on Spanish and Portuguese Literatures*. King Juan Carlos I of Spain Center, NYU, New York, NY.
- Rosado, Victor M.** (2003) Remapping Race in America: Richard Rodriguez's *Brown*. *New Directions in Latin American & Caribbean Studies: Second Annual Interdisciplinary Graduate Conference*. Stony Brook University, New York, NY.
- Rosado, Victor M.** (2003) Report Back from Porto Alegre, Panel discussion on the World Social Forum Movement. *Turning the Tide: The Growing Resistance to Neoliberalism in Latin America*. NYU, New York, NY.
- Rosado, Victor M.** (2003) Social Forums and the Globalization of Resistance: Comparing Notes on a Rapidly-Growing Movement. *Brecht Forum*. New York, NY.
- Rosado, Victor M.** (2003) Member of the Organizing Committee. *New York City Mini-Social Forum*. City University of New York Graduate Center, New York, NY.
- Simpson, Catherine.** (2003) España y Marruecos, Hermanos: Power and Identity in Mariano Barroso's *Kasbah*. *Cine-Lit Conference on Hispanic Film*. Portland State University, Portland, OR.
- Simpson, Catherine.** (2002) Within and Without Spain: Tourism, Borders and Female Subjectivity in Two Films by Spanish Women Directors. *Hispanic Cultural Studies: The State of the Art*. University of Arizona, Tucson, AZ.

❖ Post-Doctorates Obtained and Professional Appointments

- Lange, Catherine E.W.** (2003) Senior Lecturer, Romance Languages and Literatures. *Boston College*, Boston, MA.

HISTORY

GRADUATE DIRECTOR: CHRIS SELLERS

DEPARTMENT CHAIR: NED LANDSMAN

❖ Grants, Fellowships, and Awards

Hoglund, Sarah. (2002-2003) CELT's Distinguished Teaching Professors Teaching Fellowship to Work with Distinguished Teaching Professor Helen Lemay. *CELT*, Stony Brook, NY.

Reid, Margaret. (2003) John F. Kennedy Research Grant in Support of Research for Dissertation, *Mike Mansfield and American Foreign Policy: The Growth of a Friendship, John Kennedy and Mike Mansfield*, \$500.

Segalla, Spencer. (2003) Tangiers Intensive Summer Arabic Program. *American Institute of Maghrib Studies Fellowship*.

❖ Singly Authored Publications/Research Reports/Reviews

Becker, Ann. (2003) *Images of America Series: Mount Sinai*. Charleston, SC: Arcadia Publishing (forthcoming).

Becker, Ann. (2003) Smallpox in Washington's Army: The Strategic Implications of the Disease During the American Revolutionary War. *The Journal of Military History*. Virginia Military Institute, Lexington, VA (forthcoming).

Emin, Tanfer. (2002) Monstres et Phenomnes de Foire: Les Numeros D'attraction de Coney Island et Les Eugenistes de Long Island (1910-1935). *Zoos Humains* (Human Zoos: Colonial Memoirs). Nicholas Bancel, Pascal, Blanchard, Gilles Boetsch, Sandrine Lemaire and Eric Deroo, Eds. Paris: La Decouverte Publishers.

Emin, Tanfer. (2002) Freaks and Geeks: Coney Island Sideshow Performers and Long Island Eugenicists, 1910-1935. *Long Island Historical Journal* 14 (1/2F).

Emin, Tanfer. (2002) Black and White Breakfast: Race, Class, Sexuality and Corn Flakes in Alan Parker's Road to Wellville. *Bright Lights Film Journal* 38.

Segalla, Spencer. (2003) George Hardy and Educational Ethnology in French Morocco, 1920-1926. *French Colonial History* 4: 171-190.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Aquino, Hilary. (2002) Infant and Maternal Health in New York City, 1945-1965. *History Dept. Colloquium Series*. Stony Brook University, Stony Brook, NY.

Becker, Ann. (2003) Smallpox in Washington's Army: Statistical and Anecdotal Discernment of the Disease. *The Colonial Society of Massachusetts Graduate Student Forum in Early American History*. Massachusetts Historical Society, Boston, MA.

Elsely, Brenda. (2003) Politics of Play: Football in Urban Chile 1890-1920. *Latin American Studies Association*. Dallas, TX.

Emin, Tanfer. (2002) Glen or Glenda: Sexuality, Psychiatry and the Silver Screen. Presented at Guilt and the Culture of Manipulation: *Stony Brook University's 14th Annual Interdisciplinary Graduate Student Conference*. Stony Brook University, Stony Brook, NY.

HISTORY

- Emin, Tanfer.** (2002) Glen or Glenda: Sexuality, Psychiatry and the Silver Screen. *History Dept. Colloquium Series*. Stony Brook University, Stony Brook, NY.
- Emin, Tanfer.** (2002) Glen or Glenda: Sexuality, Psychiatry and the Silver Screen. *The University of California at Los Angeles' 4th Annual Graduate Conference on Sexuality and Gender*. Los Angeles, CA.
- Segalla, Spencer.** (2003) La Nouvelle Jeunesse du Maroc: Perplexed Professors and Proto-Nationalist Pupils. *French Colonial Historical Society*. Toulouse, France.
- Segalla, Spencer.** (2003) From Dakar to Rabat: Dialogues of Imperialism and Resistance in Colonial Education. *Boston University Graduate Student Research Conference in African Studies*. Boston, MA.
- Xu ,Tong.** (2002) Defining Zhongguo in Qing Miscellaneis. *Association for Asian Studies New England Conference*. Waterville, ME.

LINGUISTICS

GRADUATE DIRECTOR: CHRISTINA Y. BETHIN

DEPARTMENT CHAIR: DANIEL FINER

❖ Grants, Fellowships, and Awards

- Borroff, Marianne L.** (2003) The President's Award for Excellence in Teaching by a Graduate Student, \$500. *Stony Brook University*, Stony Brook, NY.
- Kawamura, Tomoko.** (2003) LSA Summer Institute Tuition Fellowship, \$1,600. *Linguistic Society of America Summer Institute, Michigan State University*, East Lansing, MI.
- Marušić, Franc.** (2003) FASL 12 Travel Grant, \$300 CAD. *Department of Linguistics, University of Ottawa*, Ottawa, Canada.
- Marušić, Franc.** (2002) ADL 2002 Travel Grant, €150. *University of Paris VII*, Paris, France.
- Weisenberg, Julia C.** (2002) Suffolk County Community College American Sign Language Interpreting Program & City University of New York Interpreter Education Project Grant, \$1,700. *City University of New York Interpreter Education Project (CUNYIEP)*, Long Island City, NY.
- Weisenberg, Julia C.** (2002) Suffolk County Community College American Sign Language Program Grant. \$3,500. *Suffolk County Community College Foundation*, Selden, NY.
- Yamakido, Hiroko.** (2003) Doctoral Dissertation Improvement Grant: Prenominal Adjectives in Japanese, \$12,000. *National Science Foundation*, Washington, D.C.

❖ Singly Authored Publications/Research Reports/Reviews

- Dellicarpini, Margo.** (in press) ESL and Incarcerated Youth: Q&A. *ERIC Digest*. Washington, D.C.: Center for Applied Linguistics.
- Dellicarpini, Margo.** (in press) Developmental Stages in the Semantic Acquisition of Quantification by Adult L2 Learners. *Proceedings GASLA-6. Volume: L2 Links*. University of Ottawa, Ottawa, Ontario, Canada.
- Volpe, Mark.** (forthcoming) Review of Suzanne E. Carroll (2000) Input and Evidence: The Raw Material of Second Language Acquisition. *Studies in Language*.
- Volpe, Mark.** (2003) Japanese Unaccusatives and the Adversative Passive: A Morphological Restriction and its Significance. *Volume for The 30th Anniversary of the Fukuoka Linguistics Circle*. Inada and Nishioka, Eds. Fukuoka, Japan: Kyushu University Press.
- Volpe, Mark.** (2002) Locatum and Location Verbs in Lexeme-Morpheme Base Morphology. *Lingua* 112:103-119.

❖ Jointly Authored Publications/Research Reports/Reviews

- Franco, Jon, and **Susana Huidobro.** (in press) Posiciones Externas al VP en los verbos psicológicos. *Proceedings of XII Encuentro Internacional de la Asociación de Jóvenes Lingüistas (AJL)*. Universidad de Alicante, Alicante, Spain.
- Franco, Jon, and **Susana Huidobro.** (in press). Psych Verbs in Spanish Leísta Dialects in *Proceedings of the 5th Hispanic Linguistic Symposium*. F. Ordóñez, Ed. Somerville, MA: Cascadilla Press.

- Larson, Richard, and **Franc Marušić**. (2003) Indefinite Pronoun Structures with APs. *Linguistic Inquiry*.
- Marušić, Franc**, Tatjana Marvin, and Rok Žaucer. (2003) Depictive Secondary Predication in Slovenian. *Proceedings of FASL (Formal Approaches to Slavic Languages) 11*. Barbara H. Partee, Robert Rothstein, Wayles Browne and Ji-Yung Kim, Eds. Ann Arbor, MI: Michigan Slavic Publications.
- Marušić, Franc**, Rok Žaucer, and Tatjana Marvin. (2002) Secondary Predication in Control Sentences. *Snippets 6*. <<http://www.ledonline.it/snippets/>>
- Acquaviva, Paolo, and **Volpe, Mark**. (2002) Open-class Morphemes in Closed-class Contexts: A Question for Lexical Insertion. *Snippets 5*.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Borroff, Marianne L.** (2003) Gestures and Hiatus Resolution. *The 79th Annual Meeting of the Linguistic Society of America*. Atlanta Hilton, Atlanta, GA.
- Borroff, Marianne L.** (2003) Contrastive Focus on Unpronounced Elements. *The 4th Annual CUNY/NYU/SUNY Linguistic Mini-Conference*. CUNY Graduate Center, New York, NY.
- Klein, Harriet, and **Marianne L. Borroff**. (2003) Vowel Related Phenomena in Toba. *The 51st International Congress of Americanists*. University of Chile, Santiago, Chile.
- Dellicarpini, Margo**. (2003) Phonological Awareness and Adult L2 Reading. *TESOL 37: The 37th Annual International TESOL Conference and Exposition*. Baltimore Convention Center, Baltimore, MD.
- Dellicarpini, Margo**. (2003) Integrating Phonological Awareness Activities in Adult Second Language Classrooms within the Context of a Family Literacy Program. *New York State Even Start Spring Conference*. Gideon Putnum Hotel and Conference Center, Saratoga Springs, New York.
- Dellicarpini, Margo**, and Chantel Walsh. (2003) Even Start Family Literacy and EL/CIVICS Program Implementation in Correctional Educational Settings. *New York State Association for Incarcerated Educational Programs, Annual Conference*. Wolf Road Holiday Inn, Albany, NY.
- de Cuba, Carlos**, and **Franc Marušić**. (2003) On Interpretation of Clausal Complements. *The 4th Annual CUNY/NYU/SUNY Linguistic Mini-Conference*. CUNY Graduate Center, New York, NY.
- de Cuba, Carlos**. (2002) CP-recursion Revisited: Limited Embedded V2 in Swedish. *Comparative Germanic Syntax Workshop 17*. University of Iceland, Reykjavik, Iceland.
- Franco, Jon, and **Susana Huidobro**. (2003) Topicalization, Word Order, and the Bare Noun Constraint in Psych Verbs. *CLS 39: The 39th Annual Meeting of the Chicago Linguistic Society*. University of Chicago, Chicago, IL.
- Franco, Jon, and **Susana Huidobro**. (2002) A non Case-based Case for the Three way Typology of Psych Verbs. *Going Romance 2002*. Groningen University, Groningen, The Netherlands.
- Franco, Jon, and **Susana Huidobro**. (2002). Agreement, Syntactic Positions, and Locality. *The 6th Hispanic Linguistic Symposium*. University of Iowa, Iowa City, IA.
- Franco, Jon, and **Susana Huidobro**. (2002) Morphological Syncretism and Syntactic Distinctions in Psych Verbs in Spanish Leista Dialects. *Linguistic Association of the Southwest (LASSO)*. California State University, Los Angeles, CA.
- Kawamura, Tomoko**. (2003) Scrambling, Interpretation, and the Nature of Feature-checking. *The 79th Annual Meeting of the Linguistic Society of America*. Atlanta Hilton, Atlanta, GA.
- Larson, Richard, and **Franc Marušić**. (2003) Two Positions for Prenominal Adjectives. *The 79th Annual Meeting of the Linguistic Society of America*. Atlanta Hilton, Atlanta, GA.

- Marušić, Franc,** and Rok Žaucer. (2003) A Reanalysis of the Dative-Reflexive Construction in Slovenian. *FASL12: The 12th Annual Workshop on Formal Approaches to Slavic Linguistics*. University of Ottawa, Ottawa, Canada.
- Marušić, Franc.** (2003) What Can Afar Teach us About Morpheme Placement Restrictions? *XI Incontro Italiano di Linguistica Camito-Semitica*. l'Università degli Studi di Bergamo, Bergamo, Italy.
- Miao, Ruiqin.** (2002) L1 Culture in L2 Writing: A Sociocultural Perspective on L1 Transfer in EFL Writing. *The 9th International Association of World Englishes (IAWE) Conference*. University of Illinois at Urbana-Champaign, Urbana, IL.
- Miao, Ruiqin.** (2002) Mandarin Chinese Loanword Phonology in Coda Positions. *The 35th International Conference on Sino-Tibetan Languages and Linguistics*. Arizona State University, Tempe, AZ.
- Scott, Tatiana.** (2003) CP-Topic Parameter and Russian WH. *The 79th Annual Meeting of the Linguistic Society of America*. Atlanta Hilton, Atlanta, GA.
- Scott, Tatiana.** (2003) Plural Formation: Comparative Psycholinguistic Study. *The 93rd Annual Meeting of the Russian Psychological Society (SPBPO)*. Saint Petersburg State University, Saint Petersburg, Russia.
- Ürögdi, Barbara.** (2002) Feature Doubling, Aspectual Structure, and Expletives. *Proceedings of NELS 33: The 33rd Annual Meeting of the North Eastern Linguistic Society*. Massachusetts Institute of Technology, Boston, MA.
- Užule, Kristine,** and Vladislavs Užulis. (2003) On the Importance of Research and Academic Recognition of Latvian Academics and University Students. *Proceedings of Human Development in the EU Accession Countries*. Stockholm School of Economics, Riga, Latvia.
- Užule, Kristine.** (2002) Bilingual English-Arabic word Storage of Inflected and Derived Forms: Response to the Homogeneity Hypothesis of Libben 2000. *3rd International Conference on the Mental Lexicon*. Banff Centre, Banff, Alberta, Canada.
- Weisenberg, Julia C.** (2002) Linguistic Aspects of American Sign Language - Analyzing Signs: Cognition, Referent, Time Line, & Prepositions. *Long Island Professional Development for Educational Interpreters*. Suffolk County Community College, Selden, NY.
- Xu, Zheng.** (2003) On the Formation of Adjective-noun Combinations in Mandarin Chinese. *The 4th Annual CUNY/NYU/SUNY Linguistic Mini-Conference*. CUNY Graduate Center, New York, NY.

❖ **Post-Doctorates Obtained and Professional Appointments**

- Chen, Yiya.** (2003) Post-doc. Theoretical and Applied Linguistics Department, *University of Edinburgh*, Edinburgh, Scotland, UK.
- Chen, Yiya.** (2002) Instructor. East Asian Languages and Civilizations Department, *University of Colorado*, Boulder, CO.

MANAGEMENT AND POLICY

GRADUATE DIRECTOR: JEFF CASEY
DEPARTMENT CHAIR: THOMAS R. SEXTON

❖ Internship Appointments

- Adetola, Angela.** (2002) *Advocates for Children*, New York, NY.
- Alvarado, Andres.** (2002) *Child and Parent Services – Bilinguals Inc.*, Flushing, NY.
- Chen, Guochiang.** (2002) *Long Island Housing Partnership*, Hauppauge, NY.
- Chen, I-Shan.** (2002) *Creo Asia Pacific*, Taipei, Taiwan.
- Chen, Jung-Nan.** (2002) *Pcschool Corporation*, Taiwan.
- Chen, Yi-Chun.** (2002) *The Bank of New York*, New York, NY.
- Chou, Hsin-Hao.** (2002) *Fitzgerald & Fitzgerald*, NY.
- Chou, Yu-Nan.** (2002) *PECO Pallet, Inc.*, CT.
- Chung, Mei-Hui.** (2002) *Chuan Yen Fire-Tec Co.*, Taiwan.
- Du, Heng.** (2002) *NBTY*, Bohemia, NY.
- Emengo, Stella.** (2002) Main Library-serials Acquisition & Control Department, *Stony Brook University*, Stony Brook, NY.
- Emmerich, Kristin.** (2002) Stony Brook Athletics, *Stony Brook University*, Stony Brook, NY.
- Esan, Olfunmilayo.** (2002) *Maurer Foundation for Breast Health Education Inc.*, Port Washington, NY.
- Greer, Malcolm.** (2002) *Maryhaven Center of Hope*, Port Jefferson Station, NY.
- Huang, Lili.** (2002) *The Bank of New York*, New York, NY.
- Huang, Ya-Chun.** (2002) *Bank of New York*, New York, NY.
- Kamano, Shinya.** (2002) *Canon USA, Inc.*, New York, NY.
- Lee, Yao-Lin.** (2002) *IBM*, Taiwan.
- Lin, Chi-Min.** (2002) *Hwa-Tien Propagation Technologies*, Malaysia.
- Lin, Sabrina.** (2002) *OEC Freight Inc.*, Jamaica, NY.
- Lin, Tzyychau.** (2002) *QQ Networks Co.*, Flushing, NY.
- Lin, Ya-Chun.** (2002) *Shin Kung Insurance Co.*, Taiwan.
- Ning, Chih-Wei.** (2002) *Sparkle Collection Management Co.*, Taiwan.
- Osei-Boah, Freorick.** (2002) *Computer Associates*, Islandia, NY.
- Ostiguy, Marie-Claude.** (2002) *Stony Brook University Athletics*, Stony Brook, NY.
- Pacheco, Charles.** (2002) Sport Complex, *Stony Brook University*, Stony Brook, NY.
- Patel, Tarak.** (2002) *KeySpan Corporation*, New York, NY.
- Sarwar, Anjumzeb.** (2002) *World Connect Inc.*, New York, NY.
- Sang, Lo-Chia.** (2002) *TBS Group Corporation*, Taiwan.
- Shek, Amy.** (2002) *Charles Wang Community Health Center*, NY.

Shih, Kevin Ju-Zen. (2002) *QQ Networks Co.*, Flushing, NY.

Sone, Michiko. (2002) *IBM Japan*, Japan.

Tsai, Chi-Chang. (2002) *Continental Broker Dealer Corporation*, New York, NY.

Tsai, Chia-Hung. (2002) *Chailease Finance Co.*, Taipei, Taiwan.

Uncu, Reyhan. (2002) *Morgan Stanley*, New York, NY.

Yang, Yu-Chin. (2002) *Sunny Beam Trading Co.*, Taipei, Taiwan.

Yeh, Shian-Jing. (2002) *Airtek Technology Inc.*, Taiwan.

MARINE SCIENCES

GRADUATE DIRECTOR: GLENN LOPEZ

❖ Grants, Fellowships, and Awards

Falcón, L.I. (2002-2003) Fellowship to Carry Out Ph.D. Research, \$12,000 USD/yr. *CONACyT*, Mexico.

Falcón, L.I. (2002) Student Travel, \$400. *American Society of Limnology and Oceanography*.

Mena, L. (2002) W Burghardt Turner Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.

Myers, David. (2002-2003) Renewal of Earth Systems Science Fellowship, \$24,000 (\$18,000 stipend + \$6,000 institutional grant). *NASA*, Greenbelt, MD.

Myers, David. (2002) National Collegiate Weather Forecasting Contest Winner. *Penn State University*, University Park, PA.

Rose, Paula S. (2002) Long Island Sound Study Science and Technical Advisory Committee Fellowship, \$11,250. *United States Environmental Protection Agency's Long Island Sound Study*, Stamford, CT.

Rose, Paula S. (2002) Sigma Xi Research Travel Award, \$250. *Sigma Xi: The Scientific Research Society*, Stony Brook University Chapter, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Falcón, L.I., Cipriano, F., Chistoserdov, A.Y., and Carpenter, E.J. (2002) Diversity of Diazotrophic Unicellular Cyanobacteria in the Tropical North Atlantic Ocean. *Applied and Environmental Microbiology* 68: 5760-5764.

Falcón, L.I., Escobar-Briones, E., and Romero, D. (2002) Nitrogen Fixation Patterns Displayed by Cyanobacterial Consortia in Alchichica Crater-lake, Mexico. *Hydrobiologia* 467: 71-78.

Mena, L., Cepriano, L., Denslow, N., Schreiber, M., and McElroy, A. (2003) Are Winter Flounder Affected by Sewage-derived Contaminants. *2003 (ASLO) Aquatic Sciences Meeting: The Earth's Eyes: Aquatic Sciences Through Space and Time*. Salt Lake City, UT.

Myers, David, and Duane Waliser. (2003) Three-Dimensional Water Vapor and Cloud Variations associated with the Madden-Julian Oscillation during Northern Hemisphere Winter. *Journal of Climate* 16.

Myers, David, and Duane Waliser. (2003) Analysis of Hydrological Fields associated with the Madden-Julian Oscillation during Northern Hemisphere Winter. *American Meteorological Society Annual Meeting*. Long Beach, CA.

Sung, K., and Varanasi, P. (2003) Intensities, Collision-broadened Half-widths, and Collision-induced Line Shifts in the Second Overtone Band of $^{12}\text{C}^{16}\text{O}$. *Journal of Quantitative Spectroscopy and Radiative Transfer* (in press).

Nemtchinov, V., **Sung, K.**, Varanasi, P. (2003) Measurements of Line Intensities and Half-widths in the $10\text{-}\mu\text{m}$ Bands of $^{14}\text{NH}_3$. *Journal of Quantitative Spectroscopy and Radiative Transfer* (in press).

Wong, W.H., Levinton, J.S., **Twining, B.S.**, Fisher, N.S., Kelaher, B.P., Alt, A.K. (in press) Assimilation of Carbon from the Rotifer *Brachionus plicatilis* by Mussels, *Mytilus edulis* and *Perna viridis*: A Potential Marine Food Web Link Between Zooplankton and Benthic Suspension Feeders. *Marine Ecology Progress Series*.

- Mylon, S.E., **Twining, B.S.**, Fisher, N.S., Benoit, G. (in press) Relating the Speciation of Cd, Cu, and Pb in Two Connecticut Rivers with their Uptake in Algae. *Environmental Science and Technology*.
- Twining, B.S.**, Baines, S.B., Fisher, N.S., Jacobsen, C., Maser, J. (in press) Quantification and Localization of Trace Metals in Natural Plankton Cells using a Synchrotron X-ray Fluorescence Microprobe. *Journal de Physique IV*.
- Wong, W.H., Levinton, J.S., **Twining, B.S.**, Fisher, N.S. (2003) Assimilation of Micro- and Mesozooplankton by Zebra Mussels: A Demonstration of the Food Web Link Between Zooplankton and Benthic Suspension Feeders. *Limnology and Oceanography* 48 (1): 308-312.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Batten, B.K.** (2003) Evolution of Nourishment Fill along the West Beach of Shinnecock Inlet, NY. *Proceedings of the 5th International Symposium on Coastal Engineering and the Sciences of Coastal Sediment Processes* (6 pp).
- Batten, B.K.**, and Bokuniewicz, H.B. (2002) Short-term Fluctuations in Beach Volume along the South Shore of Long Island: Implications for the Sediment Budget, Part II: 1995-2001. *Northeast Beaches Conference, Northeast Shore and Beach Preservation Association*.
- Batten, B.K.**, and Bokuniewicz, H.B. (2002) Short-term Fluctuations in Beach Volume along the South Shore of Long Island: Implications for the Sediment Budget, Part I. 1995-1998. *Long Island Geologists Conference*.
- Batten, B.K.**, McLaughlin, E., Bokuniewicz, H.B. (2002) Shoreline Conditions at East Hampton Village, NY. *2001 Report to the Town of East Hampton, NY*. MSRC, Stony Brook University. Stony Brook, NY.
- Batten, B.K.**, Salgado, G., McLaughlin, E., Bokuniewicz, H.B. (2002) Atlantic Coast of New York Monitoring Project: Beach Profile Analysis and Database Development. *New York Department of State, Division of Coastal Resources*. MSRC working paper #1232.
- Falcón, L.I.**, Carpenter, E.J., Cipriano, F., Bergman, B., and Capone, D.G. (2003) *In situ* Nitrogen Fixation Rates by Unicellular Cyanobacteria in the Tropical North Atlantic Ocean. *Ocean Sciences Meeting*. Salt Lake City, UT.
- Falcón, L.I.**, and Carpenter, E.J. (2002) Nitrogen Fixation by Unicellular Cyanobacteria in the Tropical North Atlantic Ocean. *5th European Workshop on the Molecular Biology of Cyanobacteria*. Stockholm, Sweden.
- Falcón, L.I.**, and Carpenter, E.J. (2002) Nitrogen Fixation by Pico Cyanobacteria in the Tropical Atlantic Ocean. *Ocean Sciences Meeting*. Honolulu, HI.
- Ferrini, V.L.** (2003) Title to be determined. *MARGINS Source to Sink Workshop*. Wellington, New Zealand.
- Ferrini, V.L.**, and R.D. Flood. (2002) Multibeam Sonar on the Inner Shelf of the Eel Margin: Nearshore Gravel-floored Troughs. *AGU Fall Meeting*. San Francisco, CA. *Eos Trans. AGU* 83 (47), Fall Meet. Suppl., Abstract OS71C-0297.
- Rose, Paula S.** (2002) Medical Radioisotopes in Municipal Sewage and Sewage Sludge. *Society of Environmental Toxicology and Chemistry's 23rd Annual Meeting*. Salt Lake City, UT.
- Streck, A.E.**, Cerrato, R.M., and Lonsdale, D.J. (2002) Hard Clam-Plankton Interactions: Physiological Feedback Mechanisms and Implications for Management. *6th International Conference on Shellfish Restoration*. Charleston, SC.
- Sun, C., **Sung, K.**, Varanasi, P. (2002) Extrapolation of Experimental Line-width Data to Higher Rotational Quantum Numbers in the Case of Linear Molecules as Applicable to the Atmosphere. *The Seventh*

MARINE SCIENCES

HITRAN Database Conference 2002. Harvard-Smithsonian Center for Astrophysics, Cambridge, MA.

Twining, B.S., Baines, S.B., Fisher, N.S., Landry, M.R. (2003) Opening the 'Black Box': Elemental Stoichiometries of Autotrophic and Heterotrophic Protists in the Southern Ocean. *American Society of Limnology and Oceanography Aquatic Sciences Meeting*. Salt Lake City, UT.

Twining, B.S., Twiss, M.R., Fisher, N.S. (2002) Bioaccumulation, Redox Cycling, and Trophic Transfer of Thallium by Great Lakes Plankton Communities. *American Society of Limnology and Oceanography Summer Meeting*. Victoria, BC.

Twining, B.S., Baines, S.B., Fisher, N.S., Landry, M.R. (2002) Fe:C Ratios within the Plankton Community during the Southern Ocean Iron Experiment (SOFEX). *American Geophysical Union Fall Meeting*. San Francisco, CA.

❖ Other

Myers, David. Peer-reviewer, *Journal of Climate*.

MATERIALS SCIENCE AND ENGINEERING

GRADUATE DIRECTOR: DILIP GERSAPPE
DEPARTMENT CHAIR: MICHAEL DUDLEY

❖ Grants, Fellowships, and Awards

Seo, Y.S. (2003) President's Award to Distinguished Doctoral Student. *Stony Brook University*, Stony Brook, NY.

Vasquez, M. (2002) Graduate Council Commendation for Outstanding Teaching by a Graduate Student. *Stony Brook University*, Stony Brook, NY.

Vasudevan, S. (2002-2003) Presidential Fellowship, \$2,500. *Stony Brook University*, Stony Brook, NY.

Vasudevan, S. (2002) S. Micheal Ohr Teaching Assistantship Award for Exceptional Service During the Fall 2002 Semester, \$75. *Stony Brook University*, Stony Brook, NY.

Yan, Qingyu. (2003) The International Magnetics Association (IMA) Scholars Award, \$1,000. *The International Magnetics Association*, Chicago, IL.

❖ Jointly Authored Publications/Research Reports/Reviews

Chidambaram, D., Vasquez, M., Halada, G., and Clayton, C. (2003) Studies on the Repassivation Behavior of Aluminum and Aluminum Alloy Exposed to chromate Solution. *Surface and Interface Analysis* 35 (2): 226-230.

Hollingsworth, M.D., M.E. Brown, M. Dudley, **H. Chung**, M.L. Peterson, and A.C. Hillier. (2002) Template Effects, Asymmetry and Twinning in Helical Inclusion Compounds. *Angew. Chem. Int. Ed.* 41: 965-969.

J. Hartwig, J. Baruchel, H. Kuhn, **X.R. Huang**, M. Dudley, and E. Pernot. (2003) X-ray "Magnifying" Imaging Investigation of Giant Burgers Vector Micropipe Dislocations in 4H-SiC. *Nucl. Instr. & Meth.*, 200: 323-328.

Huang, X.R. and M. Dudley. (2002) A Universal Computation Method for Two-Beam Dynamical X-ray Diffraction. *Acta Cryst.*, A59: 163-167.

Neudeck, P.G., J.A. Powell, A. Trunek, **X.R. Huang**, and M. Dudley. (2002) Growth of defect-free 3C-SiC on 4H- and 6H-SiC Mesas Using Step-Free Surface Heteroepitaxy", Homoepitaxial "Web Growth" of SiC to Terminate c-axis Screw Dislocations and Enlarge Step-Free Surfaces. *Silicon Carbide, III-Nitrides, and Related Materials 2001*. S. Yoshida, S. Nishino, H. Harima, and T. Kimoto, Eds. *Materials Science Forum* 389-393: 311-314. Trans Tech Publications, Switzerland.

Kulkarni, A., Wang, Z., Nakamura, T., Sampath, S., Goland, A., Herman, H., Allen, A., Ilavsky, J., Long, G., Frahm, J., and Steinbrech, R. (accepted) Comprehensive Microstructural Characterization and Predictive Property Modeling of Plasma-Sprayed Zirconia Coatings. *Acta Materialia*.

Wang Z., **Kulkarni, A., Deshpande, S.,** Nakamura T., Herman H. (2003) Computational Approaches to Estimate Properties Sprayed Porous Coatings. *Acta Materialia* (submitted).

Kulkarni, A., Vaidya, A., Sampath, S., Goland, A., Herman, H. (2002) Processing Effects on Porosity-Property Correlations in Plasma Sprayed Zirconia. *Surf. & Coatings Tech.* (submitted).

Wei, G., Zhang, H., Zheng, L.L., **Li, L.,** Wang, X.Y., and Sampath, S. (2003) Numerical and Experimental Studies of Substrate Melting and Re-solidification during Thermal Spraying. *J. Materials Science and Technology* (submitted).

- Raghothamachar, B.**, M. Dudley, J.C. Rojo, K. Morgan, and L.J. Schowalter. (2003) X-ray Characterization of Bulk AlN Single Crystals Grown by the Sublimation Technique. *J. Cryst. Growth*. 250: 244-250.
- Raghothamachar, B., W.M. Vetter**, M. Dudley, R. Dalmau, R. Schlessler, Z. Sitar, E. Michaels, and J.W. Kolis. (2002) Synchrotron White Beam Topography Characterization of Physical Vapor Transport Grown AlN and Ammonothermal GaN. *J. Cryst. Growth* 246: 271-280.
- Zhang, W., Fu, B., **Seo, Y.S.**, E. Schrag, B. Hsiao, P. Mather, N-L. Yang, D. Xu, H. Ade, M.H. Rafailovich, and J. Sokolov. (2002) The Effect of Random Copolymer of Methyl Methacrylate with Polyhedral Oligomeric Silsesquioxane in Compatibilization of Polystyrene and Poly (Methyl Methacrylate) Blend. *Acromolecules* 35 (21): 8029-8038.
- Seo, Y.S.**, K.S. Kim, K. Shin, H. White, M. Rafailovich, J. Sokolov, B.H. Lin, H.J. Kim, C.X. Zhang, and L. Balogh. (2002) Morphology of Amphiphilic Gold/Dendrimer Nanocomposite Monolayers. *Langmuir* 18 (15): 5927-5932.
- Seo, Y. S.**, V.A. Samuilov, J. Sokolov, M. Rafailovich, B. Tinland, J. Kim, and B. Chu (2002) DNA Separation at a Liquid-Solid Interface *Electrophoresis* 23 (16): 2618-2625.
- Seo, Y.S.**, K.S. Kim, K. Shin, H. White, M.H. Rafailovich, J. Sokolov, B.H. Lin, H.J. Kim, C.X. Zhang, and L. Balogh. (2002) Morphology of Amphiphilic Gold/Dendrimer Nanocomposite Monolayers, *Langmuir* 18 (15): 5927-5932.
- Gelfer, M., H.H. Song, L.Z. Liu, C. Avila-Orta, L. Yang, **M. Si**, B.S. Hsiao, B. Chu, M. Rafailovich and A.H. Tsou. (2002) Manipulating the Microstructure and Rheology in Polymer-Organoclay Composites. *Polym Eng Sci* 42 (9): 1841-1851.
- Vasquez, M.**, Kearns, J., Halada, G., and Clayton, C. (2002) Spatially Resolved Microchemical Analysis of Chromate Conversion Coated AA2024-T3. *Surface and Interface Analysis* 33 (10-11): 796-806.
- Vasquez, M.**, Halada, G., Clayton, C., and Longtin, J. (2002) On the Nature of Chromate Conversion Coatings Formed on Intermetallic Constituents of AA2024-T3. *Surface and Interface Analysis* 33 (7): 607-616.
- Vasquez, M.**, Halada, G., and Clayton, C. (2002) Application of Synchrotron-based Spectroscopic Techniques to the Study of Chromate Conversion Coatings. *Electrochimica Acta* 47 (19): 3105-3115.
- Srinivasan, P., Muthupandi, V., Balaji, S., **Vasudevan, S.**, Krishnaraj, N. (2003) Microstructure and Mechanical Properties of Salt Bath Nitrocarburised Thin Section Steels. *Surface Engineering* 19 (2) (accepted).
- Balaji, S., **Vasudevan, S.**, Ravivarman, C., Kumar, P., Muthupandi, V., Srinivasan, P. (2002) Effect Of Heat Input And Shielding Gas Mixture On The Microstructure Of Super Duplex Stainless Steel Welds. *Indian Welding Journal* (April 2002): 40-44.
- Srinivasan, P., Muthupandi, V., Balaji, S., **Vasudevan, S.**, Krishnaraj, N. (2002) Corrosion Behaviour of Salt Bath Nitrocarburised Steels. *Bulletin of Electrochemistry* 18 (10): 451-456.
- Vetter, W.M.**, J.Q. Liu, M. Dudley, M. Skowronski, H. Lendenmann, and C. Hallin. (2003) Dislocation Loops Formed During the Degradeation of Forward-Biased 4H-SiC p-n Junctions, *Mater. Sci. & Engin. B98*: 220-220.
- U. Zimmermann, J. Osterman, D. Kuylenstierna, A. Hallen, A.O. Konstantinov, **W.M. Vetter**, and M. Dudley. (2003) Material Defects in 4H-Silicon Carbide Diodes. *J. Appl. Phys.* 93: 611-618.
- Dudley, M., **W.M. Vetter**, P.G. Neudeck, and J.A. Powell. (2002) Polytype Identification and Mapping in Heteroepitaxial Growth of 3C on Atomically Flat 4H-SiC Mesas Using Synchrotron White Beam X-ray Topography. *Silicon Carbide, III-Nitrides, and Related Materials 2001*. S. Yoshida, S. Nishino, H. Harima, and T. Kimoto, Eds. *Materials Science Forum* 389-393: 391-394. Trans Tech Publications, Switzerland.
- Dudley, M., **W.M. Vetter**, and P.G. Neudeck. (2002) Polytype Identification in Heteroepitaxial 3C-SiC Grown on 4H-SiC Mesas Using Synchrotron White Beam X-ray Topography. *J. Cryst. Growth* 240: 22.
- Ha, S., **W.M. Vetter**, M. Dudley and M. Skowronski (2002) A Simple Mapping Method for Elementary Screw Dislocations in Homoepitaxial SiC Layers. *Silicon Carbide, III-Nitrides, and Related Materials 2001*. S. Yoshida, S. Nishino, H. Harima, and T. Kimoto, Eds. *Materials Science Forum* 389-393: 443-446. Trans Tech Publications, Switzerland.
- Ha, S., M. Skowronski, **W.M. Vetter**, and M. Dudley. (2002) Basal Plane Slip and Formation of Mixed-Tilt Boundaries, in Sublimation-Grown Hexagonal Polytype Silicon Carbide Single Crystals. *J. Appl. Phys.* 92: 778-785.

- Neudeck, P.G., J.A. Powell, A. Trunek, D. Spry, G.M. Beheim, E. Benavage, P. Abel, **W.M. Vetter**, and M. Dudley. (2002) Homoepitaxial “Web Growth” of SiC to Terminate c-axis Screw Dislocations and Enlarge Step-Free Surfaces. *Silicon Carbide, III-Nitrides, and Related Materials 2001*, S. Yoshida, S. Nishino, H. Harima, and T. Kimoto, Eds. *Materials Science Forum* 389-393: 251-254. Trans Tech Publications, Switzerland.
- Neudeck, P.G., J.A. Powell, G.M. Beheim, E.L. Benavage, P.B. Abel, A.J. Trunek, D.J. Spry, M. Dudley, and **W.M. Vetter**. (2002) Enlargement of Step-Free SiC Surfaces by Homoepitaxial Web-Growth of Thin SiC Cantilevers. *J. Appl. Phys.* 92: 2391-2400.
- Sanchez, E.K., J.Q. Liu, M. De Graef, M. Skowronski, **W.M. Vetter**, and M. Dudley. (2002) Nucleation of Threading Dislocations in Sublimation Grown Silicon Carbide. *J. Appl. Phys.* 91: 1143-1148.
- Sanchez, E.K., S. Ha, J. Grim, M. Skowronski, **W.M. Vetter**, M. Dudley, R. Bertke and W.C. Mitchel. (2002) Assessment of Polishing-Related Surface Damage in Silicon Carbide. *J. Electrochem. Soc.* 149: G131.
- Skowronski, M., J.Q. Liu, **W.M. Vetter**, M. Dudley, C. Hallin, and H. Lendenmann. (2002) Recombination-Enhanced Defect Motion in Forward-Biased 4H-SiC p-n Diodes. *J. Appl. Phys.* 92: 4699-4704.
- Skromme, B.J., K.C. Palle, C.D. Poweleit, L.R. Bryant, **W.M. Vetter**, M. Dudley, K. Moore, and T. Gehoski. (2002) Oxidation-Induced Crystallographic Transformation in Heavily N-Doped 4H-SiC Wafers. *Silicon Carbide, III-Nitrides, and Related Materials 2001*. S. Yoshida, S. Nishino, H. Harima, and T. Kimoto, Eds. *Materials Science Forum*, 389-393: 455-458. Trans Tech Publications, Switzerland.
- Vetter, W.M.**, T. Gallagher and M. Dudley. (2002) Synchrotron White-Beam X-Ray Topography of Ribonuclease S Crystals. *Acta Cryst.* D58: 579-584.
- Vetter, W.M.**, **H. Totsuka**, M. Dudley, and B. Kahr. (2002) The Perfection and Defect Structure of Organic Hourglass Inclusion K₂SO₄ Crystals. *J. Cryst. Growth* 241: 498-506.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Deshpande, S.** (2003) Microstructural Characterization Across Length Scales of Thermal Sprayed Ni-5wt%Al Coatings. *ITSC 2003 – International Thermal Spray Conference and Exposition*. Orlando, FL.
- Deshpande, S.** (2002) Application of Image Analysis for Measurement of Porosity in Thermal Spray Coatings– Correlation with Small Angle Neutron Scattering. *MRS 2002 Fall Meeting*. Boston, MA.
- Karadge, Mallikarjun.** (2003) Student Author/Co-Author Financial Support (\$350). *3rd International Symposium on Gamma Titanium Aluminides, TMS Annual Meeting*. San Diego, CA.
- Karadge, Mallikarjun.** (2002) Student Author/Co-Author Financial Support (Registration, Proceedings, Housing and Travel). *3rd International Symposium on Structural Intermetallics, Organized by TMS*. Jackson Hole, WY.
- Li, L.**, Wang, X.Y., **Vaidya, A.**, Sampath, S., Wei, G., and Zhang, H. (2003) Substrate Melting During Thermal Spray Splat Quenching: Case Study for Molybdenum Droplets on Various Substrates. *Proc. Int. Thermal Spray Conf.*
- Zhang, H., Xiong, H.B., Zheng, L.L., **Vaidya, A.**, and **Li, L.** (2003) Partially Melted Particle and Its Splat Morphology. *Proc. Int. Thermal Spray Conf.*
- Balaji, S., **Vasudevan, S.**, Ravivarman, C., Kumar, B., Muthupandi, V., Srinivasan, P. (2002) Effect Of Heat Input And Shielding Gas Mixture On The Microstructure Of Super Duplex Stainless Steel Welds. *National Welding Seminar*. Chennai, Tamil Nadu, India.

❖ **Post-Doctorates Obtained and Professional Appointments**

- Kulkarni, A.** (2002-2003) Thermo Spray Postdoctoral Associate, Department of Materials Science and Engineering, *Stony Brook University*, Stony Brook, NY.
- Vasquez, M.** (2002-2003) W. Burghardt Turner Postdoctoral Faculty Trainee Fellowship, Department of Materials Science and Engineering, *Stony Brook University*, Stony Brook, NY.

MATHEMATICS

GRADUATE DIRECTOR: LOWELL JONES
DEPARTMENT CHAIR: DETLEF GROMOIL

❖ **Singly Authored Publications/Research Reports/Reviews**

Kim, Young Deuk. (2003) A Theorem on Torsion Free Kleinian Groups (preprint).

Kim, Young Deuk. (2002) Tame-ness Conjecture of Marden (preprint).

Rasdeaconu, Rares. (2003) Kodaira Dimension and Diffeomorphisms of Kahler 3-folds (preprint).

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

Cabrera, Carlos. (2003) Cayley Graphs in Laminations. *Dynamics Mini Course*. University of Toronto, Toronto, Ontario, Canada.

Kalafat, Mustafa. (2002) Contact Geometry and the Classification of Legendrian/Transversal Knots. *Middle East Technical University-Topology Seminar*. Ankara, Turkey.

Li, Tao. (2003) Open Problems in Dynamics. *Dynamical Learning Seminar*. Stony Brook, NY.

Mustopa, Yusuf. (2003) Self-intersection of Curves on Algebraic Surfaces. *Graduate Student Seminar*, Stony Brook, NY.

Rasdeaconu, Rares. (2003) Minimal Models of Projective Surfaces. *Graduate Student Seminar*. Stony Brook, NY.

Rasdeaconu, Rares. (2003) The Classification of Complex Surfaces. *Graduate Student Seminar*. Stony Brook, NY.

Shi, Guan-Yu. (2003) Symplectomorphisms of the Product of Two Complex Projective Spaces. *Symplectic Geometry Seminar*. Stony Brook, NY.

Shi, Guan-Yu. (2003) Group of Symplectomorphisms. *Graduate Student Seminar*. Stony Brook, NY.

Wilson, Scott. (2003) Some Algebraic Structures on Loop Spaces. *Graduate Student Seminar*. Stony Brook, NY.

❖ **Post-Doctorates Obtained and Professional Appointments**

Craig, Gordon. (2003) Postdoctoral Position. *University of Montreal*, Montreal, Canada.

❖ **Other**

Cabrera, Carlos. (2003) Visiting student. *Mathematics Department of the University of Toronto*, Toronto, Ontario, Canada.

MECHANICAL ENGINEERING

GRADUATE DIRECTOR: LIN-SHU WANG

DEPARTMENT CHAIR: FU-PEN CHIANG

❖ Jointly Authored Publications/Research Reports/Reviews

- Cai, D.**, L.L. Zheng, Y. Wan, A.V. Hariharan, M. Chandra. (2003) Numerical and Experimental Study of Polysilicon Deposition on Silicon Tubes. *Journal of Crystal Growth* 250: 41-49.
- Singh, R.P., and **Gratien, A.** (in press) An Experimental Investigation of the Effect of Interface-Strength on Fracture Characteristics of a Brittle-Ductile Layered Material. *Journal of Adhesion Science and Technology*.
- Kumar, B.G.**, Singh, R.P., and Nakamura, T. (2002) Degradation of Carbon Fiber Reinforced Epoxy Composites by Ultraviolet Radiation and Condensation. *Journal of Composite Materials* 36: 2713-2733.
- Ma, R.-H.**, Zhang, H., Ha, S., and Skownronski, M. (in press) Integrated Process Modeling and Experimental Validation of Silicon Carbide Sublimation Growth. *Journal of Crystal Growth*.
- Wu, B., **Ma, R.-H.**, Zhang, H., Dudley, M., Schlessner, R., and Sitar, Z. (in press) Growth Kinetics and Thermal Stress in AlN Bulk Crystal Growth. *Journal of Crystal Growth*.
- Wu, B., **Ma, R.-H.**, Zhang, H. (2003) Epitaxy Growth Kinetic of Group III Nitride Thin and Thick Films. *Journal of Crystal Growth* 250: 14-21.
- Sun, D.**, Zhang, H., Kalejs, J., and Mackintosh, M. (2003) An Advanced Multi-Block Method for the Multiresolution Modelling of EFG Silicon Tube Growth. *Modelling and Simulation in Materials Science and Engineering* 11: 83-99.
- Fan, C.H., **Sun, J.**, and Longtin, J.P. (2002) Plasma Absorption of Femtosecond Laser Pulses in Dielectrics. *Journal of Heat Transfer* 124: 275-283.
- Fan, C.H., **Sun, J.**, and Longtin, J.P. (2002) Breakdown Threshold and Localized Electron Density in Water Induced by Ultrafast Laser Pulses. *Journal of Applied Physics* 91: 2530-2536.
- Vaddadi, P.**, Nakamura, T., and Singh, R.P. (in press) Transient Hygrothermal Stresses in Fiber-Reinforced Composites: A Heterogeneous Characterization Approach. *Composites: Part A – Applied Science and Manufacturing*.
- Vaddadi, P.**, Nakamura, T., and Singh, R.P. (2002) Inverse Analysis for Transient Moisture Diffusion through Fiber Reinforced Composites. *Acta Materialia* 51: 177-193.
- Xu, J.**, Wan, Y.W., and Zhang, H. (2002) Computational Fluid Dynamics of Supercritical CO₂ Cleaning Chamber Using Turbulent Jet Spray Nozzles. *Research report for GT Equipment, Inc.*
- Wang, Chenlei**, Zhang, Hui, Wang, Tihu, Cizek, Ted. (2003) A Continuous Czochralski Silicon Crystal Growth System. *Journal of Crystal Growth* 250: 209-214.
- Zhang, Hui, Larson, David, **Wang, Chenlei**, Cheng, Tianhuong. (2003) Kinetics and Heat Transfer of CdZnTe Bridgman Growth Without Wall Contact. *Journal of Crystal Growth* 250: 215-222.
- Wu, Bei**, Ma, Ronghui, Zhang, Hui, Dudley, Michael, Schlessner, Raoul, and Sitar, Zlatko. (in press) Growth Kinetics and Thermal Stress in AlN Bulk Crystal Growth. *Journal of Crystal Growth*.
- Wu, Bei**, Ma, Ronghui, and Zhang, Hui. (2003) Epitaxy Growth Kinetics of GaN Films. *Journal of Crystal Growth* 250: 14-21.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Cai, D.**, L.L. Zheng, Y.Wan, A.V.Hariharan, M.Chandra. (2002) Numerical and Experimental Study of Polysilicon Deposition on Silicon Tubes. *Fourteenth American Conference on Crystal Growth and Epitaxy*. Seattle, WA.
- Cai, D.**, L.L. Zheng, Y.Wan, A.V.Hariharan, M.Chandra. (2002) CFD-Aided Design for Polysilicon Production System. *2002 ASME International Mechanical Engineering Conference*. New Orleans, LA.
- Chow, Chu Kei**, and Attinger, Daniel. (2003) Visualization and Measurement of Microdroplet Impact Dynamics on a Curved Substrate. *4th ASME_JSME Joint Fluids Engineering Conference*. HI.
- Chang, S., Warren, J., **Hong, D.**, and Chiang, F.P. (2003) Micromechanics Evaluation of EPON SU-8, A MEMS Material. *2003 SEM Annual Conference on Experimental and Applied Mechanics*. Charlotte, NC.
- Hong, D.**, Chang, S., Chiang, F.P. (2003) Full Field and Finite Strain Measurement in Fabric Materials. *16th US Army Symposium on Solid Mechanics*. Charleston, SC.
- Chang, S., **Hong, D.**, and Chiang, F.P. (2003) Strain Distributions Surrounding a Crack in the Foam Core of a Sandwich Beam. *6th International Conference on Sandwich Structures*. Ft. Lauderdale, FL.
- Chang, S., Warren, J., **Hong, D.**, and Chiang, F.P. (2002) Testing Mechanical Properties of EPON SU-8 with SIEM. *2002 SEM Annual Conference and Exposition on Experimental and Applied Mechanics*. Milwaukee, WI.
- Hong, D.** (2002) Experimental Characterization of Lamellar TiAl Alloy Using SIEM. *2002 SEM Graduate Student Symposium*. Stony Brook, NY.
- Singh, R.P., **Kumar, B.G.**, and Parameswaran, V. (2002) Energy Dissipation During Dynamic Failure of Brittle-Ductile Laminates. *Symposium on Damage in Heterogeneous Structures, ASME International Mechanical Engineering Congress and Exposition*. New Orleans, LA.
- Singh, R.P., **Kumar, B.G.**, and Nakamura, T. (2002) Fatigue Failure in Carbon Fiber Reinforced Epoxy Composites Subjected to Environmental Degradation. *Symposium on Damage in Heterogeneous Structures, ASME International Mechanical Engineering Congress and Exposition*. New Orleans, LA.
- Kumar, B.G.**, Singh, R.P., and Nakamura, T. (2002) Synergistic Effects of UV Radiation and Condensation on Degradation of Carbon/Epoxy Composites. *14th U.S. National Congress of Theoretical and Applied Mechanics*. Blacksburg, VA.
- Li, Y.**, and Kao, I. (2003) Stiffness Control of a 3-link Redundant Planar Manipulator Using the Conservative Congruence Transformation (CCT). *IEEE International Conference on Robotics and Automation*. Taipei, Taiwan.
- Li, Y.**, and Kao, I. (2002) Stiffness Control and Transformation for Robotic Systems With Coordinate and Non-Coordinate Bases. *Proceedings of the IEEE International Conference on Robotics and Automation*: 550-555. Washington D.C.
- Ma, R.-H.**, Zhang, H., Dudley, M., Ha, S., and Skownronski. (2002) Modeling for Mass Transfer and Thermal Stress of Silicon Carbide PVT Growth. *Proceedings of 2002 ASME International Mechanical Engineering Congress and Exposition*: 1-9. New Orleans, LA.
- Wu, B., **Ma, R.-H.**, Zhang, H., Dudley, M., Schlessner, R., and Sitar, Z. (2002) Growth Kinetics and Thermal Stress in AlN Bulk Crystal Growth. *Proceedings of 2002 ASME International Mechanical Engineering Congress and Exposition*: 1-11. New Orleans, LA.
- Sun, D.**, Zhang, H., Kalejs, J., and Mackintosh, B. (2002) An Advanced Multiblock/Multigrid Method for Incompressible Flows and Its Application to EFG Growth of Silicon Tube. *2002 ASME International Mechanical Engineering Congress and Exposition*. New Orleans, LA.

- Sun, D.**, Zhang, H., Kalejs, J., and Mackintosh, B. (2002) Modeling and Experiment of EFG Silicon Tube Growth. *14th American Conference on Crystal Growth and Epitaxy*. Seattle, WA.
- Sun, J.**, and Longtin, J.P. (2002) Effects of Gas Medium on Femtosecond Laser Beam Delivery. *The 21st International Congress on Applications of Lasers and Electro-Optics (ICALEO 2002)*. Scottsdale, AZ.
- Singh, R.P., and **Tasovski, V.** (2002) Processing and Characterization of Polyester-Aluminum and Polyester-Alumina Nanocomposites. *The SEM XI International Congress*. Milwaukee, WI.
- Vaddadi, P.**, Nakamura, T., and Singh, R.P. (2002) Transient Moisture Diffusion Analysis of Fiber Reinforced Composites. *14th U.S. National Congress of Theoretical and Applied Mechanics*. Blacksburg, VA.
- Zhang, H., **Xiong, H.B.**, Zheng, L.L., Vaidya, A., and Li, L. (2003) Partially Melted Particles and Its Splat Morphology. *ASM International Thermal Spray Conference & Exposition*. Orlando, FL.
- Xiong, H.B.**, Zheng L.L., Sampath, S., and Fincke, J. (2002) Melting/Oxidation Behavior of In-flight Particles in Plasma Spray Processes. *International Mechanical Engineering Congress & Exposition*. New Orleans, LA.
- Xu, J.**, and Zhang, H. (2003) Computational Modeling of Firmly Adhered Cell and Blood Flow Interactions in a Micro-channel. *ASME Summer Heat Transfer Conference* (in preparation).
- Xu, J.**, and Zhang, H. (2002) Cell Adhesion and Deformation Under Dynamic Shear Flow in a Micro-channel. *BED 53: Advances in Bioengineering, ASME*.
- Wang, Chenlei**, Zhang, Hui, Wang, Tihu, Ciszek, Ted. (2002) A Global Heat Transfer Model for a New Silicon Crystal Growth System. *2002 ASME International Mechanical Engineering Congress & Exposition*. New Orleans, LA.
- Wei, Guanghua**, Zhang, Hui, Li, Li., Wang, Xiaoyun. (2003) Numerical and Experimental Studies of Substrate Melting During Thermal Spraying. *2003 ASME Summer Heat Transfer Conference*. Las Vegas, NV.
- Zhu, Liqun**, and Kao, I. (2003) Computer Simulation in Backlapping of Wiresaw Sliced Semiconductor Wafers. *NSF Design, Service, Manufacture and Industrial Innovation Grantees and Research Conference*. AL.

MOLECULAR AND CELLULAR BIOLOGY

GRADUATE DIRECTOR: W. TODD MILLER
DEPARTMENT CHAIR: WILLIAM J. LENNARZ

❖ Grants, Fellowships, and Awards

Alexandrova, Evguenia (2002) Institute for Cell and Developmental Biology Predoctoral Fellowship, \$18,000. *Institute for Cell and Developmental Biology, Stony Brook University, Stony Brook, NY.*

Glaser, S.T. (2002) Coy W. Waller Pre-doctoral Presentation Award, \$200. *International Cannabinoid Research Society, Burlington, VT.*

Glaser, S.T. (2002) Pre-doctoral Travel Award. *International Cannabinoid Research Society, Burlington, VT.*

❖ Jointly Authored Publications/Research Reports/Reviews

Glaser, S.T., Abumrad, N.A., Fatade, F., Kaczocha, M., Studholme, K.M., and Deutsch, D.G. (2003) Evidence Against the Presence of an Anandamide Transporter. *Proceedings of the National Academy of Sciences of the United States of America* (in press).

Hall, Amy B., Natalia Jura, John DaSilva, **Yeon Joo Jang**, Delquin Gong, and Dafna Bar Sag. (2003) HSpry2 Is Targeted to the Ubiquitin-Dependent Proteasome Pathway by c-Cbl. *Current Biology* 13: 1-20.

Lin, Jennifer, Parrish, W., Eilers, M., Smith, S.O., and Konopka, J.B. (2003) Aromatic Residues at the Extracellular Ends of Transmembrane Domains 5 and 6 Promote Ligand Activation of the G Protein-Coupled α -Factor Receptor. *Biochemistry* 42 (2): 293-301.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Glaser, S.T. (2003) Is There an Anandamide Transporter? *Post-Doctoral Lecture Series*. Brookhaven National Laboratories. Upton, NY.

Glaser, S.T., Studholme, K.M., Fatade, F., Yazulla, S., Abumrad, N., and Deutsch, D.G. (2002) Is There an Anandamide Transporter? *International Cannabinoid Research Society, 2002 Symposium on the Cannabinoids*. Burlington, VT.

❖ Post-Doctorates Obtained and Professional Appointments

Glaser, S.T. (2003) Post-doctorate. Department of Medicine, *Brookhaven National Laboratories*, Upton, NY.

MOLECULAR GENETICS AND MICROBIOLOGY

GRADUATE DIRECTOR: JAMES KONOPKA

DEPARTMENT CHAIR: DAFNA BAR-SAGI

❖ Grants, Fellowships, and Awards

Lucs, Alexandra. (2002) U.S. Army Breast Cancer Research Program Predoctoral Traineeship Award, \$90,000/3 years. *U.S. Army Medical Research and Materiel Command Congressionally Directed Medical Research Programs*, Fort Detrick, MD.

Figueroa, Jonine. (2002) Distinguished Service Award. Department of Molecular Genetics and Microbiology, *Stony Brook University*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Margarit, S. Mariana, Sonderman, H., Hall, B.E., Nagar, B., Hoelz, A., Pirruccello, M., Bar-Sagi, D., and Kuriyan, J. (2003) Structural Evidence for Feedback Activation by Ras.GTP of the Ras-Specific Nucleotide Exchange Factor SOS. *Cell* 112: 685-95.

He, Y., **Mueller, Steffen,** Chipman, P.R., Bator, C.M., Peng, X., Bowman, V.D., Mudhopadhyay, S., Wimmer, E., Kuhn, R.J., and Rossmann, M.G. (2003) Complexes of Poliovirus Serotypes with their Common Cellular Receptor, CD155. *J. Virol.* 77: 4827-35.

Iwasaki, A., Welker, R., **Mueller, Steffen,** Linehan, M., Nomoto, A., and Wimmer, E. (2002) Immunofluorescence Analysis of Poliovirus Receptor Expression in Peyer's Patches of Humans, Primates, and CD155 Transgenic Mice: Implications for Poliovirus Infection. *J. Infect Dis* 186: 585-92.

Lin, J.C., **Parrish, William,** Eilers, M., Smith, S.O., and Konopka, J.B. (2003) Aromatic Residues at the Extracellular Ends of Transmembrane Domains 5 and 6 Promote Ligand Activation of the G Protein-coupled Alpha-factor Receptor. *Biochemistry* 42: 293-301.

Geimonen, E., Neff, S., **Raymond, Tracy,** Kocer, S.S., Gavrilovskaya, I.N., Mackow, E.R. (2002) Pathogenic and Nonpathogenic Hantaviruses Differentially Regulate Endothelial Cell Responses. *Proc Natl Acad Sci USA* 99: 13837-42.

Viboud, G., **So, Stephane Shu Kin, Ryndak, Michelle B.,** and Bliska, J.B. (2003) Proinflammatory Signaling Stimulated by the Type III Translocation Factor YopB is Counteracted by Multiple Effectors in Epithelial Cells Infected with *Yersinia pseudotuberculosis*. *Mol Microbiol.* 47: 1305-15.

Warena, Amy J., and Konopka, J.B. (2002) Septin Function in *Candida albicans* morphogenesis. *Mol Biol Cell* 13: 2732-46.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Anderton, Julie M., Tokarz, Rafal, Thill, C.D., Kuhlow, C.J., Katona, L.I., Benach, J.L. (2002) Whole Genome DNA Array Analysis of the Response of *Borrelia burgdorferi* to a Bactericidal Monoclonal Antibody. *IX International Conference on Lyme Borreliosis and Other Tick-Borne Diseases*. New York, NY.

MOLECULAR GENETICS AND MICROBIOLOGY

Connelly, Sean, and Benach, J.L. (2002) In vivo Demonstration of a Complement Independent Bactericidal IgM Resolving the Spirochetemia of Relapsing Fever. *IX International Conference on Lyme Borreliosis and Other Tick-Borne Diseases*. New York, NY.

❖ **Post-Doctorates Obtained and Professional Appointments**

Erturk, Ece. (2002) Technical Advisor. *Darby & Darby Law*, New York, NY.

Evans, Jared. (2002) Postdoctoral Associate. *Stony Brook University*, Stony Brook, NY.

Mueller, Steffen. (2002) Postdoctoral Associate. *Stony Brook University*, Stony Brook, NY.

MUSIC

GRADUATE DIRECTOR: PETER WINKLER
DEPARTMENT CHAIR: JUDITH LOCHHEAD

❖ Grants, Fellowships, and Awards

- Feltman, Joshua.** (2003) Scholarship to Attend Bowdoin Summer Music Festival, \$675. *Bowdoin Summer Music Festival*, Brunswick, ME.
- Myer, Spencer.** (2003) Artists International New York Debut Auditions, Fully Subsidized Solo Recital in New York's Weill Recital Hall. *Artists International Presentations, Inc.*, New York, NY.
- Myer, Spencer.** (2002-03) Jacob K. Javits Memorial Fellowship, \$20,500. *U.S. Department of Education*, Washington, D.C.
- Myer, Spencer.** (2002) Heida Hermanns International Piano Competition, \$3,500. *Connecticut Alliance for Music*, Westport, CT.
- Shaw, Jennifer.** (2002) Arnold Schönberg Center Conference and Travel Grant, \$1,000. *Arnold Schönberg Center*, Vienna, Austria.

❖ Singly Authored Publications/Research Reports/Reviews

- Shaw, Jennifer.** (2003) At the Crossroads: Schoenberg's Wartime Compositions and his Crisis of Faith, 1914-1918. *Journal of the Arnold Schönberg Center* 5 (in press).
- Shaw, Jennifer.** (2002) New Performance Sources and Old Modernist Productions: *Die Jakobsleiter* in the Age of Mechanical Reproduction. *Journal of Musicology* 19 (3): 434-460.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

- Dunaway, Judy,** Barbara Benary, and Dan Wolf. (2003) Resonance in Experimental Music. *Wesleyan World Music Weekend*. Wesleyan University, Middletown, CT.
- Hyman, Stefan.** (2003) *Noises of the People: Soviet Futurism and the Techno-Scientific Imaginary During Post-Revolutionary Construction*. *Hearing the Technological Sublime: Sound, New Media, and Society*. Graduate Student Conference (co-conference organizer), Stony Brook University, Stony Brook, NY.
- Hyman, Stefan.** (2002) *Fighting the Power: The MP3 Phenomenon and Cyberlibertarianism*. *Transparencies: Technology, Culture, Communication*. Graduate Student Conference, University of Texas, Austin, TX.
- Shaw, Jennifer.** (2002) At the Crossroads: Schoenberg's Wartime Compositions and his Crisis of Faith, 1914-1918. Symposium: *Arnold Schönberg und sein Gott*. Arnold Schönberg Center, Vienna, Austria.
- Shaw, Jennifer.** (2002) At the Crossroads: Schoenberg's Rilke Settings and the Fragmentation of War. *National Conference of the Musicological Society of Australia*. Newcastle, Australia.

❖ Post-Doctorates Obtained and Professional Appointments

- Jackson, Anthea.** (2003) Woodwind Faculty. *Allegheny College Summer Music Festival*, Meadville, PA.
- Jackson, Anthea.** (2002-2003) Road Company Director. *Musicorda Festival*, South Hadley, MA.

MUSIC

- Jackson, Anthea.** (2002-2003) Teaching Artist. *92nd Street Y*, New York, NY.
- Nugent, Barli.** (2003) Assistant Dean and Director of Chamber Music. *The Julliard School*, New York, NY.
- Sharett, Gili.** (2002-2003) Faculty Member. *The Brevard Music Center*, NC.
- Shaw, Jennifer.** (2003) Editor. *Musicology Australia* (academic journal).
- Shaw Jennifer.** (2003) Head, Review Panel. *Performance as Research* (refereed conference proceedings), UK: Cambridge Scholars Press.
- Shaw, Jennifer.** (2002-2003) National Committee. *Musicological Society of Australia*.
- Shaw, Jennifer.** (2002-2003) Management Committee. *2004 Symposium of the International Musicological Society*, Melbourne, Australia.
- Shaw, Jennifer.** (2002) Lecturer in Musicology (continuing/tenure track). Sydney Conservatorium of Music, *The University of Sydney*, Sydney, Australia.
- Shaw, Jennifer.** (2002) Assistant Editor. *Musicology Australia* (academic journal).

❖ Performances

- Buhaiciuc, Mihaela.** (2003) Opera Scenes. *Stony Brook Manhattan*, New York, NY.
- Dunaway, Judy.** (2003) Concert Featuring “Manual Eardrums” Audience Participation Piece, Created at the Stony Brook University Computer Music Studios. *Galerie Rachel Haferkamp*, Koeln, Germany.
- Feltman, Joshua.** (2003) Commute. *Oakland East-Bay Symphony*, Paramount Theater, Oakland, CA.
- Jackson, Anthea,** Adi Menczel, Erin Gustafson, Rachael Elliot, and Misty Tolle Pereira; Ariel Winds Woodwind Quintet. (2003) Debut at *Carnegie Hall*, New York, NY (Event Followed by Reception at New York Sports Club).
- Lee, Jee Sun,** and the **Ka-Eum Soloists.** (2003) Chamber Ensemble. *Memorial Art Gallery*, Rochester, NY.
- Myer, Spencer.** (2003) Solo Piano Recital. *Staller Center Recital Hall*, Stony Brook, NY.
- Myer, Spencer.** (2003) Concert Tour with Erika Wueschner, Soprano. NC.
- Myer, Spencer.** (2003) Beethoven Choral Fantasy. *Stocker Center*, Elyria, OH.
- Myer, Spencer.** (2003) Solo Piano Recital. *Oberlin Conservatory of Music*, Oberlin, OH.
- Myer, Spencer.** (2002) Solo Piano Recital. *Fields United Methodist Church*, North Ridgeville, OH.
- Myer, Spencer.** (2002) Concert Tour with Erika Wueschner, Soprano. Seattle, WA.

NEUROBIOLOGY AND BEHAVIOR

GRADUATE DIRECTOR: MARY KRITZER
DEPARTMENT CHAIR: LORNE M. MENDELL

❖ Grants, Fellowships, and Awards

- Creutz, L.M.** (2003) Predoctoral NRSA. Hormone Receptor Actions in Midbrain Dopamine Pathways, *NIH*, Bethesda, MD.
- Gleason, M.R.** (2002) Graduate Research Fellowship Award, \$22K/year. *National Science Foundation*, Arlington, VA.
- Kassem, Iris.** (2002) National Research Service Award for Medical Student Dual -Degree MD/PhD Fellowship. *NIH National Institutes of Neurological Disorders and Stroke*, Bethesda, MD.
- LoGiudice, Lisamarie.** (2002) NIH Predoctoral Training Grant in Neurobiology and Behavior. *NIH National Institutes of Neurological Disorders and Stroke*, Bethesda, MD.
- Masterson, Sean.** (2002) NIH Predoctoral Training Grant in Neurobiology and Behavior. *NIH National Institutes of Neurological Disorders and Stroke*, Bethesda, MD.
- Prieto, Martin.** (2002) NIH Predoctoral Training Grant in Neurobiology and Behavior. *NIH National Institutes of Neurological Disorders and Stroke*, Bethesda, MD.
- Schiffer, W.K.** (2002) Targeting the Neurochemistry of Nicotine Dependence, \$84,000. *NIH National Institutes of Neurological Disorders and Stroke*, Bethesda, MD.
- Zanazzi, George.** (2002) NIH Predoctoral Training Grant in Neurobiology and Behavior. *NIH National Institutes of Neurological Disorders and Stroke*, Bethesda, MD.

❖ Jointly Authored Publications/Research Reports/Reviews

- Chen, B.E.,** Trachtenberg, J.T., Knott, G.W., Feng, G., Sanes, J.R., Welker, E., Svoboda, K. (2002) Long-term *in vivo* Imaging of Experience-dependent Synaptic Plasticity in Adult Cortex. *Nature* 420: 788-794.
- Chen, Z.,** Negra, M., Levine, A.K., Ughrin, Y., and Levine, J.M. (2003) Oligodendrocyte Precursor Cells: Reactive Cells that Inhibit Axon Growth and Regeneration. *J. Neurocytol.* (in press).
- Chen, Z., Ughrin, Y.,** and J.M. Levine. (2002) Axon Growth Inhibition by Oligodendrocyte Precursor Cells. *Mol. Cell Neurosci.* 20: 125-139.
- Creutz, L.M.,** and Kritzer, M.F. (2002) Estrogen Receptor- α immunoreactivity in the Midbrain of Adult Rats: Regional, Subregional, and Cellular Localization in the A10, A9, and A8 Dopamine Cell Groups. *J Comp Neurol* 446: 288-300.
- Gleason, M.R.,** Higashijima, S., Dallman, J., Liu, K., Mandel, G. and Fetcho, J.R. (2003) Translocation of CaM Kinase II *in vivo*. *Nature Neuroscience* 6 (3): 217-218.
- Rosati B., **Grau, F.R.,** Li, H., Nerbonne, J.M., McKinnon, D. (2003) Concordant Patterns of KChip2 mRNA, Protein and Transient Outward Current Expression throughout the Canine Ventricle. *Journal of Physiology* (in press).
- Kamanetz, F., Tomita, T., **Hsieh, H.,** Seabrook, G., Borchelt, D., Iwatsubo, T., Sisodia, S., Malinow, R. (2003) APP Processing and Synaptic Function. *Neuron* 37 (5): 925-37.

Ughrin, Y., Chen, Z., and J.M. Levine. (2003) Multiple Domains of the NG2 Proteoglycan Mediate Axon Growth Inhibition. *J.Neurosci.* 23: 175-186.

Boiko, T., **Van Wart, A.,** Caldwell, J., Levinson, S.R., Trimmer, J.S., Matthews, G. (2003) Functional Specialization of the Axon Initial Segment by Isoform-specific Sodium Channel Targeting. *J Neurosci.* (accepted).

Watanabe, J., Beck, C., Kuner, T., Premkumar, L.S., Wollmuth, L.P. (2002) DRPEER: A Motif in the Extracellular Vestibule Conferring High Ca²⁺ Flux Rates in NMDA Receptor Channels. *J. Neuroscience* 22 (23): 10209-16.

Zariwala, H.A., Miller A.C., Faumont, S., and Shawn R. Lockery. (2003) Step Response Analysis of Thermotaxis in *C. Elegans*. *Journal of Neuroscience* (in press).

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

Chen, B.E., Trachtenberg, J.T., Knott, G.W., Feng, G., Sanes, J.R., Welker, E., Svoboda, K. (2002) Direct Observation of Experience-dependent Synapse Formation and Elimination in Adult Barrel Cortex *in vivo*. *Axon Guidance & Neural Plasticity*. Cold Spring Harbor Laboratory, NY. *Society for Neuroscience*. Orlando, FL.

Creutz, L.M., and Kritzer, M.F. (2002) Identification of Forebrain Targets of Midbrain Dopamine Neurons Immunoreactive for Intracellular Hormone Receptors. *Society for Neuroscience Meeting*. Orlando, FL.

Kassem, Iris, and Evinger, C. (2002) Effects of Chronic Facial Nerve Stimulation on the Development of Hemifacial Spasm. *Society for Neuroscience 32nd Annual Meeting*. Orlando, FL.

Muscat Kelly, Louise, Huberman, A.D., Jordan, C.L., Morin, L.P. (2002) Retinal Terminal Fields: Complementary and Over-Lapping Projections from each Eye Demonstrated by Dual Fluorescent Anterograde Tract Tracing. *Society for Neuroscience 32nd Annual Meeting*. Orlando, FL.

Schiffer, W.K., Alexoff, D.L., Logan, J., and Dewey, S.L. (2003) Understanding the Fundamentals of Radiotracer Binding in the Rodent Dopaminergic System using Simultaneous microPET and Microdialysis Techniques. *Society for Nuclear Medicine (SNM) 50th Annual Meeting*. New Orleans, LA.

Schiffer, W.K., Alexoff, D.L., and Dewey, S.L. (2003) Microdialysis Probe Placement Produces Marked Ipsilateral Hypometabolism in the Absence of Similar Changes in Dopamine Receptor Activity and Extracellular Dopamine Concentrations. *BrainPET '03*. Calgary, Alberta, Canada.

Schiffer, W.K., Marsteller, D.A., and Dewey, S.L. (in press) Neuroimaging Abnormalities in Drug Addiction and Alcoholism. *Handbook of Medical Psychiatry*. Section G. Substance Abuse and Dependence. Soares, JC and Gershon, S., Eds. Marcel Dekker, Inc. Pittsburgh, PA.

Schiffer, W.K., and Dewey, S.L. (2003) Dynamic Neurotransmitter Interactions Measured with PET. *Handbook of Radiopharmaceuticals: Radiochemistry and Applications*. M.J. Welch and C.S. Redvanly, Eds. London, UK: John Wiley and Sons, Ltd.

Schiffer, W.K., Marsteller, D.A., Gerasimov, M.R., Carter, P., King, P., Shea, C., Logan, J., Alexoff, D.L. and Dewey, S.L. (2002) Functional Alterations in GABAergic or Glutamatergic Modulation of Dopamine (DA) by Chronic Neuroleptic Treatment: Positron Emission Tomography (PET) Studies in Healthy Primates. *Society for Nuclear Medicine (SNM) 49th Annual Meeting*. Los Angeles, CA.

Schiffer, W.K., Marsteller, D.A., Gerasimov, M.R., Alexoff, D., Logan, J., Brodie, J.D., and Dewey, S.L. (2002) Prolonged Neuroleptic Exposure Differentially Alters the Endogenous Regulation of Dopamine (DA): Serial ¹¹C-raclopride PET Studies of GABAergic and Glutamatergic Modulation of DA in Primates Treated with Clozapine or Haloperidol. *NeuroReceptor Mapping*. Oxford, UK.

- Schiffer, W.K.**, and Dewey, S.L. (2002) Serial PET Studies in Haloperidol Treated Primates Demonstrate Persistent Alterations in Glutamatergic Modulation of Synaptic Dopamine. *American College of Neuropsychopharmacology (ACNP)*. San Juan, PR.
- Tai, Lung-Hao**, and Zador, Anthony. (2002) A Study of Off-Responses and Forward-Masking Using *in vivo* Whole Cell Patch Recording in Rat Auditory Cortex. *32nd Annual Meeting of Society for Neuroscience*. Orlando, FL.
- Cox, C.L., **Reichova, I.**, Sherman, S.M. (2003) Functional Synaptic Contacts by Intranuclear Axon Collaterals of Thalamic Relay Neurons. *Journal of Neuroscience* (submitted).
- Van Wart, A., Boiko, T.**, Trimmer, J.S., Caldwell, J., Levinson, S.R., Matthews, G. (2002) Sodium Channel Expression at the Initial Segment of Retinal Ganglion Cell Axons. *Annual Meeting of the Society for Neuroscience*. Orlando, FL.

ORAL BIOLOGY AND PATHOLOGY

GRADUATE DIRECTOR: JERRY POLLOCK
DEPARTMENT CHAIR: ISRAEL KLEINBERG

❖ Jointly Authored Publications/Research Reports/Reviews

Markova N.G., Pinkas-Sarafova, A., **Karaman-Jurukovska, N.**, Jurukovski, V., Simon, M. (2003) Expression Pattern and Biochemical Characteristics of a Major Epidermal Retinol Dehydrogenase. *Molecular Genetics and Metabolism* 78 (2): 119-35.

Andriani, F., Margulis, A., Lin, N., Griffey, S., and Garlick, J.A. (in press) Analysis of Microenvironmental Factors Contributing to Basement Membrane Assembly and Normalized Epidermal Phenotype. *J. Invest. Dermatol.*

Mudgil, A.V., Segal N., Wang, Y., **Andriani, F.**, Fusenig, N.E., and Garlick, J.A. (in press) UV- β Irradiation Induces Expansion of Intraepithelial Tumor Cells in a Tissue Model of Early Cancer Progression. *J. Invest. Dermatol.*

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Margulis, A., **Andriani, F.**, Hanakawa, Y., Fusenig, N.E. and Garlick, J.A. (2002) Tissue Microenvironment Controls Premalignant Disease in Human Stratified Squamous Epithelium: Implications for Cancer Prevention. *Frontiers in Cancer Prevention Research*. Boston, MA.

Andriani, F., Nguyen, L., Sawka, H., Griffey, S., and Garlick, J.A. (2002) An Organotypic Culture Model to Study Epithelial-mesenchymal Interactions in Human Oral Mucosa. *Cold Spring Harbor Meeting on Tissue Engineering*. Cold Spring Harbor, NY.

Andriani, F., Segal, N., Pawagi, S., Lin, N., Nguyen, L., and Garlick, J.A. (2002) Basement Membrane Components are Required for Epidermal Organization and Survival of Human Keratinocytes in Organotypic Culture. *Cold Spring Harbor Meeting on Tissue Engineering*. Cold Spring Harbor, NY.

Margulis, A., **Andriani, F.**, Hanakawa, Y., Garfield, J., Fusenig, N.E., and Garlick, J.A. (2002) Engineering Human Tissue Models to Study Premalignant Disease in Human Stratified Squamous Epithelium: Cell-cell and Cell-matrix Interactions Control Early Cancer Progression. *Cold Spring Harbor Meeting on Tissue Engineering*. Cold Spring Harbor, NY.

Andriani, F., Margulis, A., Lin, N., Garfield, J., Pfeiffer, L., Griffey, S., and Garlick, J.A. (2002) Microenvironmental Factors Contribute to Basement Membrane Assembly and Normalize Epidermal Phenotype in an Improved Human Skin Equivalent Model. *Cold Spring Harbor Meeting on Tissue Engineering*. Cold Spring Harbor, NY.

❖ Post-Doctorates Obtained and Professional Appointments

Yu, Liu (2002) Post-doctoral Associate. Oral Biology and Pathology, *Stony Brook University*, Stony Brook, NY.

PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: JOANNE ENGBRECHT

DEPARTMENT CHAIR: JEFFREY PESSIN

❖ Grants, Fellowships, and Awards

- Baniecki, Mary Lynn.** (2002) Van der Kloot Award for Excellence in Research in the Graduate Program in Molecular and Cellular Pharmacology, \$500. *Stony Brook University*, Stony Brook, NY.
- Ocampo, Christopher.** (2002) Van der Kloot Award for Excellence in Teaching in the Graduate Program in Molecular and Cellular Pharmacology, \$500. *Stony Brook University*, Stony Brook, NY.
- Sheehan, John.** (2002) Graduate Program in Molecular and Cellular Pharmacology Fall 2002 Symposium's "Best Poster" Award, \$75. *Stony Brook University*, Stony Brook, NY.
- Siao, Chia-Jen (Jean).** (2002) Sigma Xi Excellence in Research Award. *Stony Brook University*, Stony Brook, NY.
- Siao, Chia-Jen (Jean).** (2002) Institute for Cell and Developmental Biology Excellence in Research Award, \$500.
- Strockbine, Bentley.** (2003) The Chemical Computing Group's Excellence Award, Entitled Advances in Structure Prediction Techniques (Advisor: Carlos Simmerling) \$1,200 Travel Award. *American Chemical Society's Division of Computers in Chemistry*, 2003 ACS National Meeting, New Orleans, LA.
- Zhang, Yan.** (2002) Graduate Program in Molecular and Cellular Pharmacology Fall 2002 Symposium's "Best Experiment" Award, \$75. *Stony Brook University*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

- Baniecki, Mary Lynn, McGrath, W.J., Dauter, Z., and Mangel, W.F.** (2002) Adenovirus Proteinase: Crystallization and Preliminary X-ray Diffraction Studies to Atomic Resolution. *Acta Crystallographica Section D-Biological Crystallography* 58: 1462-4.
- Brown, Mark T., McBride, K.M., Baniecki, Mary Lynn, Reich, N.C., Marriott, G., and Mangel, W.F.** (2002) Actin Can Act as a Cofactor for a Viral Proteinase in the Cleavage of the Cytoskeleton. *J. Biol. Chem.* 277: 46298-303.
- Hall, Brian E., Yang, S.S., and D. Bar-Sagi.** (2002) Control of Sos Activity by Intramolecular Interactions. *Frontiers in Bioscience* 7: D228-D294.
- Hall, Brian E., D. Bar-Sagi and N. Nassar.** (2002) The Structural Basis for the Transition from Ras-GTP to Ras-GDP. *Proc. Natl. Acad. Sci.* 99: 12138-42.
- Schramm, Laura, and Hernandez, L.** (2002) Recruitment of RNA Polymerase III to its Target Promoters. *Genes & Dev.* 16: 2593-2620.
- Zhao, X., **Schramm, Laura, Hernandez, N., and Herr, W.** (2003) A Shared surface of TBP Directs RNA Polymerase II and III Transcription via Association with Different TFIIB Family Members. *Molecular Cell* 11: 151-161.
- Spinner, Daryl S., Liu, S., Wang, S-W., and Schmidt, J.** (2002) Interaction of the Myogenic Determination Factor Myogenin with E12 and a DNA Target: Mechanism and Kinetics. *J. Mol. Biol.* 317: 431-445.

PHARMACOLOGICAL SCIENCES

- Okur, A., **Strockbine, Bentley**, Hornak, V., and Simmerling, C. (2003) Using PC Clusters to Evaluate the Transferability of Molecular Mechanics Force Fields for Proteins. *J. Computational Chem.* 12: 21-31.
- Simmerling, C., **Strockbine, Bentley**, and Roitberg, A.E. (2002) All-atom Structure Prediction and Folding Simulations of a Stable Protein. *J. Am. Chem. Soc.* 124: 11258-9.
- Weston, Christi**, Gordon, C., Teresa, G., Hod, E., Ren, X.D., and Prives, J. (2003) Cooperative Regulation by Rac and Rho of Agrin-induced Acetylcholine Receptor Clustering in Muscle Cells. *J Biol Chem.* 21 278 (8): 6450-5.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

- Connolly, Jaime E.**, Rudge, S.A., and Engebrecht, J. (2002) Differential Role of Phosphoinositide Transfer Protein, Sec14, in Vegetative Cells and Sporulation. *Yeast Genetics and Molecular Biology Meeting*. Madison, WI.
- Peng, Yinan**, and Williams, D. (2002) Analysis of Scavenger Receptor Class B, Type 1 (SR-BI) Localization and Its Association With Membrane Microdomains. *The Gordon Conference*. NH.
- Peng, Yinan**, and Williams, D. (2002) Analysis of Scavenger Receptor Class B, Type 1 (SR-BI) Localization and Its Association With Membrane Microdomains. *American Heart Association Conference*. Chicago, IL.
- Sheehan, John**, and **Tsirka, S.** (2002) Reduction Of Microglia Cell Populations Before Induction Of Excitotoxicity Reduces Neurodegeneration. *The Society for Neuroscience's 32nd Annual Meeting*. Orlando, FL.
- Weston, Christi**, Gordon, C., Teresa, G., **Scotto-Lavino, Elizabeth**, Weeks, B., and Prives, J. (2002) Rac and rho Cooperatively Mediate Agrin - Induced Acetylcholine Receptor Clustering. *The 42nd American Society for Cell Biology Meeting*. San Francisco, CA.

❖ Post-Doctorates Obtained and Professional Appointments

- Brown, Mark T.** (2002) Post-doctoral Fellow. Dept. of Microbiology, *UCLA*, Los Angeles, CA.
- DeLucia-Deranja, Evan.** (2002) MSTP Program, Medical Student. *Stony Brook University*, Stony Brook, NY.
- Hall, Brian E.** (2002) Post-doctoral Position. Biochemistry and Molecular Pharmacology, *Harvard Medical School, Harvard University*, Cambridge, MA.
- Iwamoto, Michelle.** (2003) Scientific Consultant. *Frommer Lawrence and Haug, LLC.*, New York, NY.
- Lu, Wei-quan.** (2002) Post-doctoral Position. Medical Department, *Brookhaven National Laboratory*, Upton, NY.
- Siao, Chia-Jen (Jean).** (2002) Post-doctoral Fellow. *Weil College of Medicine, Cornell Medical Center*, New York, NY.

PHILOSOPHY

GRADUATE DIRECTOR: JEFF EDWARDS

DEPARTMENT CHAIR: KELLY OLIVER

❖ Grants, Fellowships, and Awards

- Alfonso, Doris Rita.** (2003) Award to Attend *Feminist Epistemologies*, NEH Summer Seminar. Pennsylvania State University, State College, PA.
- Alfonso, Doris Rita.** (2002-2003) W. Burghardt Turner Postdoctoral Faculty Traineeship (awarded for the academic years 2002-2005). *Stony Brook University*, Stony Brook, NY.
- Altschuler, Roman.** (2002-2003) Graduate Council Fellowship. *Stony Brook University*, Stony Brook, NY.
- Arruda, Caroline.** (2002-2003) University Fellowship. *Stony Brook University*, Stony Brook, NY.
- Bredlau, Susan.** (2002-2003) Jacob Javits Fellowship. *Stony Brook University*, Stony Brook, NY.
- Colapinto, Andrés.** (2002-2003) W. Burghardt Turner Fellowship. *Stony Brook University*, Stony Brook, NY.
- Eason, Robb.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Fristedt, Peter.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Hammerly, Sarah.** (2002-2003) Graduate Council Fellowship. *Stony Brook University*, Stony Brook, NY.
- Hammerly, Timothy.** (2002-2003) W. Burghardt Turner Fellowship. *Stony Brook University*, Stony Brook, NY.
- Humphrey, Paul.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Hoff, Shannon.** (2002-2003) DAAD Scholarship. *DAAD*, New York, NY.
- Hoff, Shannon.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Johns, Chris.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Kaposy, Christopher.** (2002-2003) Presidential Fellowship. *Stony Brook University*, Stony Brook, NY.
- Kaposy, Christopher.** (2002) Summer Language Bursary. *Université Laval*, Québec, Canada.
- Kautzer, Chad.** (2002) Graduate Student Organization Leadership Award. *Stony Brook University*, Stony Brook, NY.
- Kautzer, Chad.** (2002-2003) Presidential Fellowship. *Stony Brook University*, Stony Brook, NY.
- Kautzer, Chad.** (2002) Ray of Light Award, Emerging Student Leader. *Stony Brook University*, Stony Brook, NY.
- Kautzer, Chad.** (2002) Student Activities Special Leadership Award. *Stony Brook University*, Stony Brook, NY.
- La Barbera, Christopher.** (2002-2003) Graduate Council Fellowship. *Stony Brook University*, Stony Brook, NY.

PHILOSOPHY

- Levenberg, Nicolas.** (2002-2003) Graduate Council Fellowship. *Stony Brook University*, Stony Brook, NY.
- Matey, Jennifer.** (2002-2003) Department of Philosophy Paris Exchange Award. University of Paris IV, VII, X, *Department of Philosophy, Stony Brook University*, Stony Brook, NY.
- Matey, Jennifer.** (2002-2003) Morris G. Cohen Award for Excellence in Teaching. *Stony Brook University*, Stony Brook, NY.
- Mayock, Matthew.** (2002-2003) University Fellowship. *Stony Brook University*, Stony Brook, NY.
- Miller, Sarah Clark.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Nass, Sherri.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Paccacerqua, Cynthia.** (2002-2003) W. Burghardt Turner Fellowship. *Stony Brook University*, Stony Brook, NY.
- Saner, Senem.** (2002-2003) Fellow of the *Transatlantic Collegium of Philosophy*. *Stony Brook University*, Stony Brook, NY.
- Selinger, Evan.** (2002) Curriculum Development Award for Collaborative Teaching. *Stony Brook University*, Stony Brook, NY.
- Selinger, Evan.** (2002) Learning Communities Teaching Fellowship. *Stony Brook University*, Stony Brook, NY.
- Smith, Andrew.** (2002-2003) Graduate Council Fellowship. *Stony Brook University*, Stony Brook, NY.
- Zavota, Gina.** (2002-2003) Curriculum Development Award, *Stony Brook University*, Stony Brook, NY.
- Zavota, Gina.** (2002-2003) University Learning Communities Teaching Fellowship. *Stony Brook University*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Eason, Robb.** (2003) Hypertext: Rortean Links between Ihde and Haraway. *Chasing Technoscience*. D. Ihde and E. Selinger, Eds. Bloomington: Indiana University Press.
- Hoff, Shannon.** (2003) Witnessing: An Introduction. *Studies in Practical Philosophy* 3.
- Kaposy, Christopher.** (forthcoming) Latour's Thick Concepts and His Analysis of Scientific Practice. *Philosophy Today*.
- Kautzer, Chad.** (2002) Face Recognition Technology: Surveillance and the Public Sphere. *Z Magazine* 15: 3.
- Selinger, Evan.** (forthcoming) Bruno Latour. *Edinburgh Encyclopedia of Continental Philosophy*.
- Selinger, Evan.** (forthcoming) Embodying Technoscience. *Journal of Practical Philosophy*.
- Selinger, Evan.** (forthcoming) Expertise and Public Ignorance: A Response to Steve Fuller. *Critical Review*.
- Selinger, Evan.** (forthcoming) Interview with Manuel De Landa. *CTHEORY*.
- Selinger, Evan.** (forthcoming) The Necessity of Embodiment: The Dreyfus-Collins Debate. *Philosophy Today*.
- Selinger, Evan.** (forthcoming) Review of Leon Kass's *Life, Liberty, and the Defense of Dignity: The Challenge for Bioethics*. *The Quarterly Review of Biology*.

- Selinger, Evan.** (2003) Review of Francis Fukuyama's *Our Posthuman Future: Consequences of the Biotechnology Revolution*. *The Quarterly Review of Biology* 78 (1): 76-77.
- Selinger, Evan.** (2003) Review of Philip Kitcher's *Science, Truth, and Democracy*. *The Quarterly Review of Biology* 78 (1): 77-78.
- Zavota, Gina.** (forthcoming) Living in the Moment: Husserl, Derrida, and the Logic of Temporality. *Husserl and the Logic of Experience*. G Banham, Ed. Hampshire: Palgrave Macmillan.
- Zavota, Gina.** (2003) The Importance of the Continuum in Husserl's Geometry. *Husserl: Critical Assessments of Leading Philosophers*. R Bernet, D Welton, and G Zavota, Eds. London: Routledge.

❖ **Jointly Authored Publications/Research Reports/Reviews**

- Zavota, Gina,** R. Bernet, and D. Welton, Eds. (forthcoming) *Husserl: Critical Assessments of Leading Philosophers*, 4 vols. London: Routledge.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Alfonso, Doris Rita.** (2003) Kreon and Ananke: The Doubling of Necessity in Presocratic Studies On Nature. *Ancient Philosophy Society*. Trinity College, Washington D.C. and *Colloquia Series*, Stony Brook University, Stony Brook, NY.
- Alfonso, Doris Rita.** (2002) Chair of session What is LGTB Philosophy? *The Society For Lesbian and Gay Philosophy*. *American Philosophical Association Eastern Division*. Philadelphia, PA.
- Alfonso, Doris Rita.** (2002) Plato On Women, Wax, and Receptivity. *Participant's Conference of the Collegium Phaenomenologicum*. Citta di Castello, Italy.
- Bredlau, Susan.** (2002) Networks as an Explanatory Power: Latour's Retrospective Attitude. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.
- Hale, Benjamin.** (2002) Panel Chair. Author Meets Critics discussion of Aesthetics and the Environment. *International Society for Environmental Ethics (ISEE)*. *American Philosophical Association Eastern Division*. Philadelphia, PA.
- Hale, Benjamin.** (2002) Comment on Matt Zwolinski, Animals as Property. *Society for the Study of Ethics and Animals*. *American Philosophical Association Eastern Division*. Philadelphia, PA.
- Hale, Benjamin.** (2002) Gavagai Goulash: Growing Organs for Food. *IAEP (International Association for Environmental Philosophy) Fall Meeting*. Loyola University, Chicago, IL.
- Hoff, Shannon.** (2003) Power, Authority, and the Law: Politicizing the Abstract Individual. 3rd *Interdisciplinary Conference Celebrating International Women's Day*. New School University, New York, NY.
- Hyde, Tim.** (2002) Questions of Being: An Analysis of Heidegger's Interrogative, Transcendental and Historical Method. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.
- Johns, Chris.** (2003) Leibniz' Moral Psychology. *Collegium Transatlanticum Workshop*. Department of Philosophy, Stony Brook University, Stony Brook, NY.
- Johns, Chris.** (2002) Leibniz' Petites Perceptions. *Collegium Transatlanticum Workshop*. Department of Philosophy, Stony Brook University, Stony Brook, NY.
- Kaposy, Christopher.** (2002) Latour's Thick Concepts. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.

PHILOSOPHY

- Kautzer, Chad.** (2003) The Topography of the Public Sphere under State Surveillance: A Normative Argument for Anonymity *Society for Philosophy and Geography Fifth Annual International Conference*. Towson University, Towson, MD.
- La Barbera, Christopher.** (2003) Contrasting Immediacy: Immediate Knowing in Hegel's Analyses of Sense-Certainty and the Cartesian *Cogito*. *DePaul University Graduate Philosophy Conference*. DePaul University, Chicago, IL.
- La Barbera, Christopher.** (2003) Reconstruction, Resubordination: Building the Body in *Paris Is Burning*. *Investigating Identity and Experience: An Interdisciplinary Graduate Conference*. Vanderbilt University, Nashville, TN.
- Paccacerqua, Cynthia.** (2002) The Two Faces of Kant in Deleuze's Notion of Thinking. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.
- Sauder, Christopher.** (2002) Deleuze's Notion of Difference Considered With Respect to Hegel. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.
- Selinger, Evan.** (2002) A Victory of Mind Over Machine: Can Phenomenology be a Normative Theory of Technology? *Philosophical Colloquium*. Rochester Institute of Technology, Rochester, NY.
- Selinger, Evan.** (2002) Expertise and the Question of Lay Ability. *Philosophical Colloquium*. Rochester Institute of Technology, Rochester, NY.
- Selinger, Evan.** (2002) Latour, Hermeneutics, and the End of Ideology Critique. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.
- Welsh, Talia.** (2002) Merleau-Ponty's Early Engagement with Hegel (via Kojève). *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.
- Wilkins, Adam.** (2002) Deleuze's Principle of Sufficient Reason. *Society for Phenomenology and Existential Philosophy*. Loyola University, Chicago, IL.

❖ Translations

- Hale, Benjamin.** (2002) The Diversity of World Cultures within the Unity of Global Law. Otfried Höffe. Translated from the German. Lecture for the *Program of Liberal Studies*, University of Notre Dame.
- Hoff, Shannon.** (forthcoming) La Mélancolie de l'Art/The Melancholy of Art. Sarah Kofman. *Contemporary European Aesthetic Theory*. H. Silverman and E. Vogt, Eds. Oxford: Rowman and Littlefield.
- Kaposy, Christopher.** (forthcoming) Wie aus dem Begriff des Ich dessen Realitaet vernuenftig auszuklauben sei / How the Reality of the 'I' May be Rationally Extracted from its Concept. Allegra deLaurentiis. *System and Context: Constellations of Early Romanticism and Early Idealism*. R Ayers, Ed.
- Kautzer, Chad.** (2003) Anxiety and Politics: The Strengths and Weaknesses of Franz Neumann's Diagnosis of a Social Pathology. Axel Honneth. Translated from the German. *Constellations 10: 2*.
- Sauder, Christopher.** (forthcoming) An Ecological Nietzsche? The Will to Power and the Love of Things. Reinhart Maurer. Translated from the German. *Journal of New Nietzsche Studies*.
- Zavota, Gina.** (2003) *Art & Fenomen: Philosophy in Art*. Hans Rainer Sepp, Ed. Translated from the German. Prague: Oikoimene and Bonn: DenkMal.
- Zavota, Gina.** (2003) Husserl's Themes and Kant's Schemata. Dieter Lohmar. Donn Welton, Ed. Translated from the German. *Edmund Husserl: A Critical Reader*. Bloomington, IN: Indiana University Press.

❖ **Post-Doctorates Obtained and Professional Appointments**

- Emmer, Charles.** (2002) Appointed as Visiting Assistant Professor. Department of Philosophy, *Miami University*, Oxford, OH.
- Flynn, Erin.** (2002) Appointed as Lecturer. Department of Philosophy, *John Jay College of Criminal Justice*, New York, NY.
- Jansen, Julia.** (2002) Appointed as Lecturer (Assistant Professor). Department of Philosophy, *University College*, Cork, Ireland.
- Johnston, Adrian.** (2002) Appointed as Research Fellow. Emory Psychoanalytic Institute, *Emory University*, Atlanta, GA.
- Johnston, David.** (2002) Appointed as Visiting Assistant Professor. Department of Philosophy, *Elon College*, Elon, NC.
- Lee, Emily.** (2003) Appointed as Assistant Professor. Department of Philosophy, *Le Moyne College*, Syracuse, NY.
- Mann, Bonnie.** (2003) Appointed as Assistant Professor. Department of Philosophy, *University of Oregon*, Eugene, OR.
- Miller, Sarah Clark.** (2003) Appointed as Assistant Professor. Department of Philosophy, *University of Memphis*, Memphis, TN.
- Pohlhaus, Gaile.** (2002) Appointed as Instructor. Department of Philosophy, *Miami University*, Oxford, OH.
- Selinger, Evan.** (2003) Appointed as Assistant Professor. Department of Philosophy, *Rochester Institute of Technology*, Rochester, NY.
- Shim, Michael.** (2003) Appointed as Visiting Assistant Professor. Department of Philosophy, *Denison University*, Granville, OH.
- Wahman, Jessica.** (2002) Appointed as Assistant Professor. Department of Philosophy, *Mount St. Mary's College*, Emmitsburg, PA.
- Welsh, Tamara.** (2002) Appointed as Assistant Professor. Department of Philosophy, *University of Tennessee*, Knoxville, TN.
- Zavota, Gina.** (2003) Appointed as Assistant Professor. Department of Philosophy, *Kent State University*, Kent, OH.
- Wright, John.** (2002) Appointed as Visiting Assistant Professor. Department of Philosophy, *Miami University*, Oxford, OH.

PHYSICS AND ASTRONOMY

GRADUATE DIRECTOR: PETER STEPHENS

DEPARTMENT CHAIR: PAUL GRANNIS

❖ Grants, Fellowships, and Awards

Berger, Carola F. (2002) NSF Travel Fellowship to TH 2002, \$500. *NSF*, Arlington, VA.

Fliller III, Raymond. (2003) Student Travel Grant to 2003 Particle Accelerator Conference, \$600. *IEEE/Nuclear and Plasma Sciences Society*, Portland, OR.

Grandchamp-Desraux, L. (2003) Leon Rosenfeld Fellowship, \$1,500. *Nordita/Niels Bohr Institute*, Copenhagen, Denmark.

❖ Singly Authored Publications/Research Reports/Reviews

Berger, Carola F. (2002) Higher Orders in $A(\alpha_s)^{[1-x]_+}$ of Non-Singlet Partonic Splitting Functions. *Phys. Rev. D* 66: 116002.

Field, Bryan. (2002) Distinguishing Scalar from Pseudoscalar Higgs Production at the LHC. *Physical Review D* 66: 114007.

Moura, Filipe. (2003) Four Dimensional "Old Minimal" $N=2$ Supersymmetrization of R^4 . *Journal of High Energy Physics* (submitted).

Moura, Filipe. (2002) Four Dimensional R^4 Superinvariants through Gauge Completion. *Journal of High Energy Physics* 08: 038.

❖ Jointly Authored Publications/Research Reports/Reviews

Berger, Carola F., Tibor Kucs, George Sterman. (2003) Interjet Energy Flow/Event Shape Correlations. *Annales Henri Poincare, Proceedings of TH2002*.

Berger, Carola F., Wolfgang Schweiger. (2003) Hard Exclusive Baryon-Antibaryon Production in Two-Photon Collisions. *Eur. Phys. J. C*.

Berger, Carola F., Tibor Kucs, George Sterman. (2003) Event Shape/Energy Flow Correlations. *Phys. Rev. D* (submitted).

Cardona, J., S. Peggs, F. Pilat, V. Ptitsyn, T. Satogata. (2002) Determination of Linear and Non Linear Components in RHIC Interaction Regions from Difference Orbit Measurements. *Proceedings of EPAC 2002*: 311.

Peggs, S., D. Barton, J. Beebe-Wang, J.M. Brennan, **J. Cardona,** W. Fischer, C.J. Gardner, D. Gassner, H.-C. Hseuh, J. Kewisch, D. Lowenstein, I. Marneris, G.T. McIntyre, J. Morris, B. Oerter, D. Phillips, N. Tsoupas, J. Tuozzolo, A. Zaltsman, A. Zhang, J. van Zeijts. (2002) The Rapid Cycling Medical Synchrotron, RCMS. *Proceedings of EPAC 2002*: 2754.

Trbojevic, D., L. Ahrens, M. Bai, J. Beebe-Wang, M. Blaskiewicz, J.M. Brennan, P. Cameron, **J. Cardona,** J. De Long, A. Drees, W. Fischer, R. Fliller III, T. Hayes, H. Huang, J. Kewisch, W.W. MacKay, A. Marusic, C. Montag, F. Pilat, V. Ptitsyn, T. Roser, T. Satogata, S. Tepikian, S.Y. Zhang, J. van Zeijts. (2002) Improvements of the RHIC Ramp Efficiency. *Proceedings of EPAC 2002*: 383.

Satogata, Todd, Leif Ahrens, Mei Bai, Joanne Beebe-Wang, Michael Blaskiewicz, Michael J. Brennan, Kevin A. Brown, Don Bruno, Peter Cameron, Javier Cardona, Roger Connolly, Angelika Drees,

- Wolfram Fischer, **Raymond Filler III**, George Ganetis, Christopher Gardner, J. Woody Glenn, Harald Hahn, Tom Hayes, Haixin Huang, Ubaldo Iriso-Ariz, William W. MacKay, Al Marusic, Christoph Montag, Fulvia Pilat, Vadim Ptitsyn, Thomas Roser, Kevin Smith, Steve Tepikian, Dejan Trbojevic, Nick Tsoupas, S.Y. Zhang, Johannes van Zeijts. BNL. (2003) Commissioning of RHIC Deuteron-Gold Collisions. *Proceedings of the 2003 Particle Accelerator Conference*. Portland, OR: TPPB043.
- Brown, Kevin, **Raymond Filler III**, D. Lazarus, Z. Li, S. Peggs, D. Phillips, V. Radeka, A. Rusek, P. Thieberger, N. Tsoupas, M. Vazquez BNL. (2003) Design for a High Energy Microbeam Facility at BNL. *Proceedings of the 2003 Particle Accelerator Conference*. Portland, OR: TPPE002.
- Filler III, Raymond**, Angelika Drees, David Gassner, Gary McIntyre, Stephen Peggs, Dejan Trbojevic BNL Angelika Drees, David Gassner, Gary McIntyre, Stephen Peggs, Dejan Trbojevic BNL. (2003) Beam Diffusion Measurements at RHIC. *Proceedings of the 2003 Particle Accelerator Conference*. Portland, OR: RPAG004.
- Drees, Angelika, Leif Ahrens, **Filler III, Raymond**, Wenge Fu BNL, Verena Kain, CERN. (2003) Abort Gap Studies and Cleaning during RHIC Heavy Ion Operation. *Proceedings of the 2003 Particle Accelerator Conference*. Portland, OR: TPPB030.
- Filler III, Raymond**, Angelika Drees, David Gassner, Lee Hammons, Gary McIntyre, Stephen Peggs, Dejan Trbojevic BNL, Valery Biryukov, Yuriy Chesnokov, Viktor Terekov Institute of High Energy Physics, Protvino. (2003) New Results from Crystal Collimation at RHIC. *Proceedings of the 2003 Particle Accelerator Conference*. Portland, OR: TPPB034.
- Grandchamp-Desraux, L.**, R. Rapp. (2002) Charmonium Suppression and Regeneration from SPS to RHIC. *Nuclear Physics A* 709: 415.
- Rajeswaran, M., Blanton, T.N., Zumbulyadis, N., Giesen, D.J., Conesa-Moratilla, C., Misture, S.T., Stephens, P.W., **Huq, A.** (2002) Three-dimensional Structure Determination of N-(p-tolyl)-dodecylsulfonamide from Powder Diffraction Data and Validation of Structure using Solid-state NMR Spectroscopy. *Journal of American Chemical Society* 124 (48): 14450-14459.
- Corradini, O., **A. Iglesias**, Z. Kakushadze. (2003) Toward Solving the Cosmological Constant Problem? *International Journal of Modern Physics A*.
- Chantler, H.J., E.S. Paul, A.J. Boston, M.P. Carpenter, R. Charity, C.J. Chiara, P.T.W. Choy, C.N. Davids, M. Devlin, A.M. Fletcher, D.B. Fossan, D.G. Jenkins, N.S. Kelsall, **T. Koike**, D.R. LaFosse, P.J. Nolan, D.G. Sarantites, D. Seweryniak, J.F. Smith, K. Starosta, R. Wadsworth, and A.N. Wilson. (2002) Signature Inversion in Doubly Odd 124La. *Phys. Rev. C* 66: 014311.
- Starosta, K., **T. Koike**, C.J. Chiara, D.B. Fossan, C. Vaman. (2002) Chirality and Angular Momentum Coupling in Odd-Odd Nuclei. *AIP Conf. Proc.* 610: 815.
- Buchel, A., **P. Langfelder**, Johannes Walcher. (2002) Does the Tachyon Matter? *Annals Phys.* 302: 78.
- Anguelova, L., **P. Langfelder**. (2002) Massive Gravitino Propagator in Maximally Symmetric Spaces and Fermions in dS/CFT. *arXiv.org e-Print archive hep-th*: 0302087.
- Lee, C.-L.**, J. Wang and G. Stell. (2003) First-Passage Time Distribution and Non-Markovian Diffusion Dynamics of Protein Folding. *J. Chem. Phys.* 118: 959.
- Malek, Matthew**, and the Super-Kamiokande Collaboration. (2003) Search for Supernova Relic Neutrinos at Super-Kamiokande. *Physical Review Letters* 90: 061101.
- Grignani, G., M. Orselli, G.W. Semenoff, **D. Trancanelli**. (2003) The Superstring Hagedorn Temperature in a pp-wave Background. *JHEP* (to be published).
- Wang, Zhong-min**, The DZero Collaboration. (2002) Search for R-parity Violating Supersymmetry in Dimuon and Four-Jet Channel. *Phys. Rev. Lett.* 89: 171801.
- Wang, Zhong-min**, The DZero Collaboration. (2002) Search for Leptoquark Pairs Decaying to $\nu\nu$ +Jets in pbarp Collisions at $\sqrt{s}=1.8$ TeV. *Phys. Rev. Lett.* 88: 191801.

Wang, Zhong-min, The DZero Collaboration. (2002) Search for mSUGRA in Single-electron Events with Jets and Large Missing Transverse Energy in pbarp Collisions at $\sqrt{s}=1.8$ TeV. *Phys. Rev. D* 66: 112001.

Wang, Zhong-min, The DZero Collaboration. (2002) Search for the Production of Single Sleptons Through R-Parity Violation in p anti-p collisions at $\sqrt{s}=1.8$ TeV. *Phys. Rev. Lett.* 89: 261801.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

Berger, Carola F., Tibor Kucs, George Sterman. (2002) Interjet Energy Flow/Event Shape Correlations. *TH 2002*. Paris, France.

Cardona, J., S. Peggs, J. Kewisch. (2002) Optical Design of the Rapid Cycling Medical Synchrotron. *Nuclear Science Symposium Medical Imaging Conference 2002*. Norfolk, VA.

Field, Bryan. (2003) Scalar and Pseudoscalar Higgs Boson Production. *American Physical Society April Meeting*. Philadelphia, PA.

Field, Bryan. (2002) Distinguishing Higgs Bosons at the LC. *High Energy Theory Lunch Seminar*. Brookhaven National Labs, Upton, NY.

Grandchamp-Desraux, L., R. Rapp. (2002) Two-component Approach to J/Psi Production in Heavy-ion Collisions. *Quark Matter 2002*. Nantes, France.

Huq, A., Stephens, P.W. (2002) Solving Crystal structures with Molecular Orientational Disorder using XRPD and Simulated Annealing Methods. *PPXRD-2*. Concordville, PA.

Huq, A., Stephens, P.W. (2002) Synchrotron Radiation and Pharmaceuticals. *Advance Photon Source*. Argonne, IL.

Iglesias, A. (2003) Toward Solving the Cosmological Constant with Infinite Volume Extra Dimensions. *SUGRA20*. Northeastern University. Boston, MA.

Malek, Matthew. (2003) Supernova Relic Neutrino Search Results from Super-Kamiokande. *Neutrino Oscillations and their Origin 2003*. Kanazawa, Japan.

Moura, Filipe. (2003) Four Dimensional Supersymmetrization of R^4 . *SUGRA 20*. Northeastern University. Boston, MA.

Moura, Filipe. (2002) Four Dimensional Supersymmetrization of R^4 . *strings@pt Third Meeting*. Lisbon, Portugal.

Purwar, Anuj. (2003) Deuteron Coalescence at Phenix. *Transverse Dynamics at RHIC*. Brookhaven National Lab, NY.

Purwar, Anuj, and Rickard du Rietz. (2002) Deuteron, Anti-deuteron production at $\sqrt{s}(200)$ GeV at RHIC. *Quark Matter 2002*. Nantes, France.

Talbayev, Diyar, Laszlo Mihaly, Jianshi Zhou, G.L. Carr (NSLS, BNL). (2003) Antiferromagnetic Resonance in LaMnO₃. *March Meeting of the American Physical Society*. Austin, TX.

Wang, Zhong-min. (2002) Search for SUSY in Like-Sign Di-Electron channel with DZero in Tevatron Run 2. *APS Meeting*. Albuquerque, NM.

Ye, Z., Q. Li. (2003) Magneto-optical Studies of the Critical State in YBCO Thick Films. *APS March Meeting 2003*. Austin, TX.

Ye, Z., Q. Li, et al. (2002) Magneto-Optical Studies of the Critical States in c-axis Oriented MgB₂ Thin Film and Bulk MgB₂/Mg Nano-composites. *Applied Superconductivity Conference*. Houston, TX.

❖ **Post-Doctorates Obtained and Professional Appointments**

Angelova, Lilia (2003) Postdoctoral. *University of Michigan*, Ann Arbor, MI.

Berger, Carola F. (2003) Postdoctoral Fellow. *INFN Torino*, Torino, Italy.

Grandchamp-Desraux, L. (2003) Postdoctoral Associate. *Lawrence Berkeley National Laboratory*, Berkeley, CA.

Huq, A. (2003) Postdoctoral. *Argonne National Laboratory*, Argonne, IL.

Koike, T. (2003) Post Doctoral Fellow, *NSL*, Stony Brook, NY.

PHYSIOLOGY AND BIOPHYSICS

GRADUATE DIRECTOR: SUZANNE SCARLATA

DEPARTMENT CHAIR: PETER BRINK

❖ Grants, Fellowships, and Awards

Nahle, Z. (2002) Department of Defense Breast Cancer Predoctoral Fellowship Award, \$66,000. *The Congressionally Directed Medical Research Programs of the United States Army* <<http://cdmrp.army.mil/>>, Fort Detrick, MD.

Nahle, Z. (2002) Young Investigator Travel Award, \$2,500. *International Society of Translational Research*, TX.

Nahle, Z. (2002) Cold Spring Harbor Laboratory Director's Award, \$2,100. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Martinez-Wittinghan, F.J. (in press) Conexinas, Un mundo de Conexiones -¿Realmente necesitamos conexiones para vivir? (Connexins, A world of connections) *Innovación y Ciencia, Journal of the Colombian Association for the Advancement of the Sciences*. Bogotá, Colombia.

Martinez-Wittinghan, F.J. (2002) Lens Fiber Cell Gap Junctions: Role of Diversity, Amount and Posttranslational Modifications. PhD Dissertation; Department of Physiology and Biophysics, *Stony Brook University*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Bohon, J., and De los Santos, C. (2003) Structural Effect of the Anticancer Agent 6-thioguanine on Duplex DNA. *Nucleic Acids Research* 31: 1331-1338.

Nahle, Z., Polyakoff, J., Davuluri, R., Jacobson, M., McCurrach, M., Narita, M., Zhang, M., Lazebnik, Y., Bar-Sagi, D., and Lowe, S.W. (2002) Direct Coupling of the Cell Cycle and Cell Death Machinery by E2F. *Nature Cell Biology* 4 (11): 28-33.

Philip, Finly, Yaunjian Guo, and Suzanne Scarlata. (2002) Multiple Roles of Pleckstrin Homology Domains in Phospholipase C β function. *FEBS Letters* 531: 28-32.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Bon Homme, Marjorie, and Suzanne Scarlata. (2003) The Effect of pH and cyclophilin A Binding on in Vitro Immature HIV-1 Cores. *Biophysical Society Annual Meeting*. San Antonio, TX.

Dowal, Louisa, Catherine Berlot, and Suzanne Scarlata. (2003) Changes in PLC β_1 and G α_q Localization Through GPCR Stimulation in PC12 Cells. *Biophysical Society Annual Meeting*. San Antonio, TX.

Hazel, R.D., and de los Santos, C. (2003) NMR Solution Structure of Bistranded Furan Abasic Site Lesions: Orientation Matters, *Albany 2003: The 13th Conversation of the Journal of Biomolecular Structure and Dynamics*. SUNY at Albany, Albany, NY.

- Martinez-Wittinghan, F.J.**, Baldo, G.J., Gong, X., Kumar, N.M., Mathias, R.T. (2002) Gap Junctional Coupling and pH Gating of Lens Fiber Cell Connexins Cx46 and Cx50. *46th Annual Biophysical Society Meeting*. San Francisco, CA.
- Martinez-Wittinghan, F.J.**, Baldo, G.J., Gong, X., Kumar, N.M., Mathias, R.T. (2002) pH Gating of Lens Fiber Cell Connexins. *14th International Biophysics Congress, International Union for Pure and Applied Biophysics*. Buenos Aires, Argentina.
- Martinez-Wittinghan, F.J.**, White, T.W., Baldo, G.J., Sellitto, C., Valiunas, V., Mathias, R.T. (2002) Gap Junctional Coupling and pH Gating of Lenses From “Cx46 for Cx50” Knock-in Mice. *74th ARVO Annual Meeting*. Fort Lauderdale, FL.
- White, T.W., **Martinez-Wittinghan, F.J.**, Mathias, R.T., Sellitto, C. (2002) Connexin Specialization in the Lens. *Joint European Research Meetings in Ophthalmology and Vision, European Association for Vision and Eye Research*. Alicante, Spain.
- Zaher, N.** (2002) Cell Cycle and Cell Death. The Cell Cycle as a Target in Chemoprevention and Cancer Therapy. Austin, TX.
- Nahle, Z.**, McCurrach, M., Davuluri, R., Jacobson, M., Polyakoff, J., Zhang, M., Lazebnik, Y., Bar-Sagi, D., and Lowe, S.W. (2002) E2F-1 Directly Regulates Caspases Coupling Cell Cycle to Cell Death. *Cancer Genetics & Tumor Suppressor Genes*. Cold spring Harbor, NY.
- Nahle, Z.**, Davuluri, R., McCurrach, M., Polyakoff, J., Jacobson, M., Zhang, M., Lazebnik, Y., Bar-Sagi, D., Lowe, S. (2002) Direct Coupling of Cell Cycle Progression and Apoptosis by E2F-1. *Apoptosis and Cancer: Basic Mechanisms and Therapeutic Opportunities in the Post-Genomic Era*. Waikoloa, HI.
- Philip, Finly**, Yuanjian Guo, and Suzanne Scarlata. (2003) Regulation of Catalytic Activity by PH Domain in PLCs: Modeling Study. *Biophysical Society Annual Meeting*. San Antonio, TX.
- Wang, W.**, Gao, J., Sun, X., Cohen, I.S., Mathias, R.T. (2003) Differences Between Epicardial and Endocardial $[Na^+]_i$ and $[Ca^{2+}]_i$ in Myocytes from Canine Ventricle. *Biophysical Society 47th Annual Meeting*. San Antonio, TX.
- Wu, J.Y., **Wang, W.**, Yu, H., Cohen, I.S. (2002) Time Dependent Changes in the Properties of HCN₂ Channels Expressed in Xenopus Oocytes. *Biophysical Society 46th Annual Meeting*. San Francisco, CA.

❖ **Post-Doctorates Obtained and Professional Appointments**

Martinez-Wittinghan, F.J. (2002) Postdoctoral Research Scientist. Department of Physiology and Biophysics, *Stony Brook University*, Stony Brook, NY

❖ **Other**

Nahle, Z. (2002) ‘Have You Heard Section’ of *The Long-Islander Newspaper*: 18 (For Winning the DOD Grant Award and Ranking at the 96th Percentile).

Nahle, Z. (2002) ‘Highlights Section’ of *Nature Cancer Reviews 2*: 892 (For Making Important Contribution to Cancer Research Literature).

POLITICAL SCIENCE

GRADUATE DIRECTOR: JEFFREY SEGAL
DEPARTMENT CHAIR: MARK SCHNEIDER

❖ Grants, Fellowships, and Awards

Provost, Colin. (2002) National Science Foundation Dissertation Support Grant, \$5837. *NSF*, Arlington, VA.

Provost, Colin. (2002) Political Science Graduate Student Teaching Award, \$150. *Stony Brook University*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Cann, Damon. (2003) Equal Rights Amendment, Polygamy, Extermination Order, Operation Rescue, and Council of Fifty. *Encyclopedia of American Religion and Politics*. P. Djupe and L. Olson, Eds. New York: Facts on File.

Cann, Damon. (2002) Campaign Contributions and Judicial Behavior. *American Review of Politics* 23 (in press).

❖ Jointly Authored Publications/Research Reports/Reviews

Buckley, Jack and Mark Schneider. (forthcoming) Shopping for Schools: How Do Marginal Consumers Gather Information About Schools? *Policy Studies Journal*.

Buckley, Jack and Mark Schneider. (2002) What Do Parents Want From Schools? Evidence from the Internet. *Educational Evaluation and Policy Analysis* 24 (2): 133-144.

Buckley, Jack and Mark Schneider. (2002) Creating Choosers: Information, the Digital Divide, and the Propensity to Change Schools. *Social Science Computer Review* 20 (4): 451-470.

Graves, Scott E., and Paul Teske. (2003) State Supreme Courts and Judicial Review of Regulation. *Albany Law Review* 66 (in press).

Teske, Paul, **Provost, Colin**, and Graves, Scott E. (2003) Legal Actors in the Regulatory Process. *The Political Economy of State Regulation*. Washington D.C.: Brookings Institution.

Huddy, Leonie, Feldman, Stanley; Capelos, Tereza, and **Provost, Colin.** (2002) The Consequences of Terrorism: Disentangling the Effects of Personal and National Threat. *Political Psychology*.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Cann, Damon. (2002) Bills to Strike Administrative Rules under the Provisions of the Congressional Review Act: Congressional Dominance or Deference. *Annual Meeting of the American Political Science Association*. Boston, MA.

Cann, Damon. (2002) Leadership Investment in Party Loyalty in the U.S. House: A Dynamic Panel Analysis. Southern Political Science Association Meetings. Savannah, GA.

Craemer, Thomas. (2002) An Experimental Approach to Political Self-Interest and Altruism. *Annual Meeting of the American Political Science Association*. Boston, MA.

Craemer, Thomas. (2003) Investigating Political Self-Interest and Altruism. A Computer Based Approach. *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.

Graves, Scott E., and Simona Kucsova. (2003) Caseload and the Federal Courts of Appeals: Equilibrium in the Third Branch. *Midwest Political Science Association Annual Conference*. Chicago, IL.

Westerland, Chad, and **Graves, Scott E.** (2003) Strategic Interregnum?: A Critical Review of Strategic Accounts of U.S. Supreme Court Decision Making. *Midwest Political Science Association Annual Conference*. Chicago, IL.

Graves, Scott E., and Jeffrey A. Segal. (2002) Strategic Decision-Making on the Supreme Court: Aggressive Grants and Defensive Denials on the Vinson and Warren Courts. *American Political Science Association Annual Conference*. Boston, MA.

❖ **Post-Doctorates Obtained and Professional Appointments**

Graves, Scott E. (2003) Assistant Professor. Department of Political Science, *Georgia State University*, Atlanta, GA.

PSYCHOLOGY

GRADUATE DIRECTOR: SUSAN E. BRENNAN

DEPARTMENT CHAIR: NANCY SQUIRES

❖ Grants, Fellowships, and Awards

- Acevedo, Bianca.** (2003) W. Burghardt Turner Fellowship. *Stony Brook University*, Stony Brook, NY.
- Cottone, L.A.** (2003) Grant-in-Aid of Research, \$300. *Sigma Xi – Scientific Research Society*, Research Triangle Park, NC.
- Davies, K.** (2003) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Datz, G.** (2002) Dissertation Grant, \$150. *American Psychological Society*, Student Grant Program. Title: *Effects of Intense Cold Pressor Pain on Learning and Memory*.
- Datz, G.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Dickinson, Christopher A.** (2002) Vision Sciences Society Student Travel Grant, \$200. *Vision Sciences Society*, Sarasota, FL.
- Dickinson, Christopher A.** (2002) Departmental Award for Excellence in Research (Advanced), \$100. *Stony Brook University*, Stony Brook, NY.
- Echevarria, D.J.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Echevarria, D.J.** (2002) Departmental Award for Excellence in Teaching, \$100. *Stony Brook University*, Stony Brook, NY.
- Fritz, P.A.T.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Gordon, R.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Laptook, Rebecca.** (2003) Graduate Council Fellowship. *Stony Brook University*, Stony Brook, NY.
- Lewandowski, Gary.** (2002) Departmental Award for Excellence in Teaching, \$100. *Stony Brook University*, Stony Brook, NY.
- Lorber, M.F.** (2002-2003) NRSA Pre-doctoral Grant, \$20,000. Title: Cognitive and Emotional Mechanisms of Harsh Parenting. *National Institute of Health*, Bethesda, MD.
- Lorber, M.F.** (2002) Student Research Award. *Parenting Special Interest Group, Association for Advancement of Behavior Therapy*, New York, NY.
- Lorber, M.F.** (2002) Robert L. Weiss Student Research Award (runner up). *Couples Research and Therapy Special Interest Group, Association for Advancement of Behavior Therapy*, New York, NY.
- McCloskey, D.P.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Sanabria, F.** (2002) International Development Grant, \$300. *Society for the Advancement of Behavior Analysis / ALAMOC – ABA Colombia*, Bogotá, Colombia.
- Shankman, S.A.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Shankman, S.A.** (2002) NRSA pre-doctoral grant, 1F31 MH67309-01. \$51,282.00 for two years. Title: "Reward Sensitivity in Depression: A Biobehavioral Study." *National Institute of Health*, Bethesda, MD.
- Steinberg, S.** (2002) Department Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.
- Strong, G.** (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.

Tata, D.A. (2002) Departmental Award for Excellence in Research (Second Year), \$100. *Stony Brook University*, Stony Brook, NY.

Tata, D.A. (2002) Departmental Travel Award, \$300. *Stony Brook University*, Stony Brook, NY.

❖ **Jointly Authored Publications/Research Reports/Reviews**

Goldfried, M.R., Pachankis, J.E., and **Bell, A.C.** (in press) The History of Psychotherapy Integration. *Handbook of Psychotherapy Integration*. J.C. Norcross and M.R. Goldfried, Eds. New York: Basic Books.

Goldfried, M.R., and **Bell, A.C.** (in press) Extending the Boundaries of Research on Adolescent Development. *Journal of Child and Adolescent Psychology*.

Buckley, M.E., Klein, D.N., Durbin, C.E., Hayden, E.P., and Moerk, K.C. (2002) Development and Validation of a q-sort procedure to Assess Temperament and Behavior in Preschool-aged Children. *Journal of Clinical Child and Adolescent Psychology* 31: 525-539.

Lewinsohn, P.M., Seeley, J., **Buckley, M.E.**, and Klein, D.N. (2002) Bipolar Disorder in Adolescence and Young Adulthood. *Child and Adolescent Psychiatric Clinics of North America* 11: 461-476.

Goldfried, M.R., **Burckell, L.A.**, and **Eubanks-Carter, C.** (2003) Therapist Self-disclosure in Cognitive-behavior Therapy. *Journal of Clinical Psychology/In session: Psychotherapy in Practice* 59 (5): 1-14.

Waters, E., Crowell, J., Elliott, M., **Corcoran, D.**, and Treboux, D. (2002) Bowlby's Secure Base Theory and the Social/personality Psychology of Attachment Styles: Work(s) in progress. *Attachment & Human Development* 4 (2): 230-242.

Gerrig, R.J., **Egidi, G.** (in press) Cognitive Psychological Foundations of Narrative Experienced. *Narrative Theory and the Cognitive Sciences*. D. Herman, Ed. Stanford, CA: CSLI Publications.

O'Leary, K.D., Woodin, E.M., and **Fritz, P.A.T.** (in press) Can We Prevent the Hitting? Recommendations for Preventing Intimate Partner Violence between Young Adults. *Journal of Aggression, Maltreatment, and Trauma*.

Geraci, L., and Franklin, N. (in press) The Influence of Linguistic Labels on Source Monitoring Decisions. *Memory*.

Jaffe, W. (2002) Parent and Adolescent Problem-Solving: Predicting Adolescent Externalizing Behavior. *Behavior Therapy*.

Stone, A.A., Broderick, J.E., Schwartz, J.E., Shiffman, S.S., **Litcher-Kelly, L.**, and Calvanese, P. (in press) Intensive Momentary Reporting of Pain with an Electronic Diary: Reactivity, Compliance, and Patient Satisfaction. *Pain*.

Bromet, E.J., **Litcher-Kelly, L.** (2002) Psychological Response of Mothers of Young Children to the Three Mile Island and Chernobyl Nuclear Power Plant Accidents One Decade Later. *Toxic Turmoil: Psychological and Societal Consequences of Ecological Disasters*. J.M. Havenaar, J.G., Cwikel and E.J. Bromet, Eds. New York: Kluwer Academic/Plenum Publishers: 69-84.

Lorber, M.F. (in press) The Psychophysiology of Aggression, Psychopathy, and Conduct Problems: A Meta-analysis. *Psychological Bulletin*.

Lorber, M.F., and O'Leary, K.D. (in press) Predictors of the Persistence of Male Aggression in Early Marriage. *Journal of Family Violence*.

Lorber, M.F., O'Leary, S.G., and Kendziora, K.T. (in press) Mothers' Over Reactive Discipline and Their Encoding and Appraisals of Toddler Behavior. *Journal of Abnormal Child Psychology*.

- Deeken, J., Taylor, K.L., **Mangan, P.A.**, Yabroff, K.R., and Ingham, J.M (in press) Care for the Caregivers: A Review of Self-Report Instruments Developed to Measure the Burden, Needs, and Quality of Life of Informal Caregivers. *Journal of Pain and Symptom Management*.
- Yabroff, K.R., **Mangan, P.A.**, Mandelblatt, J.S. (in press) Interventions to Improve Pap Smear Use: A Meta-Analysis of Patient and Provider Targeted Interventions. *Journal of the American Board of Family Practice*.
- Coburn-Litvak, P.S., **Pothakos, K.**, **Tata, D.A.**, **McCloskey, D.P.**, Anderson, B.J. (in press) Chronic Administration of Corticosterone Impairs Spatial Reference Memory Before Spatial Working Memory in Rats. *Neurobiology of Learning and Memory*.
- Metzing, C.A.**, and Brennan, S.E. (2003) When Conceptual Pacts are Broken; Partner Effects in the Comprehension of Referring Expressions. *Journal of Memory and Language*.
- Morris, J.P.**, Squires, N.K., Taber, C.S., and Lodge, M. (in press) The Activation of Attitudes: A Psychophysiological Examination of the Hot Cognition Hypothesis. *Political Psychology*.
- Santiago, N.J.**, Klein, D.N., Vivian, D., Vocisano, C., Dowling, F., Arnow, B.A., Manber, R., Markowitz, J.C., McCullough, J.P., Riso, L.P.L., Rothbaum, B.O., Rush, A.J., Thase, M.E., and Keller, M.B. (2002) Pretreatment Correlates of the Therapeutic Alliance in the Chronically Depressed. *Journal of Contemporary Psychotherapy* 32 (4): 281-290.
- Klein, D.N., Lewinsohn, P.M., Rohde, P., Seeley, J.R., and **Shankman, S.A.** (in press) Comorbidity Between Major Depressive Disorder and Anxiety Disorders: A Family Study Analysis. *Psychological Medicine*.
- Shankman, S.A.**, and Klein, D.N. (in press) The Comorbidity Between Depression and Anxiety: An Evaluation of the Tripartite, Approach-withdrawal and Valence-arousal Models. *Clinical Psychology Review*.
- Snarr, J.D.**, Strassberg, Z., and Slep, A.M.S. (in press) Making Faces: Testing the Relation Between Child Behavior Problems and Mothers' Interpretations of Child Emotion Expressions. *Journal of Abnormal Child Psychology*.
- Davila, J., and **Steinberg, S.** (in press) Depression and Romantic Dysfunction During Adolescence. *A Festschrift for J.E. Hokanson*. T.E. Joiner, Ed.
- Fisher, H., Aron, A., Mashek, D., Li, H., **Strong, G.**, and Brown, L. (2002) The Neural Mechanisms of Mate Choice: A Hypothesis. *Neuroendocrinology Letters* 23: 92-97.
- Coburn-Litvak, P.S., **Tata, D.A.**, **Gorby, H.E.**, Richardson, G., **McCloskey, D.P.**, and Anderson, B.J. (under revision) Chronic Corticosterone Reduces Brain Weight, and Mitochondrial, but Not Glial Volume Fraction in CA3.
- Woicik, P.B.**, Conrod, P.J., and Pihl, R.O. (2002) Validation of a Four-factor Model of Substance Abuse Risk and the Substance Use Risk Profile Scale (SURPS). Submitted for Publication.
- Katz, L.F., and **Woodin, E.M.** (2002) Hostility, Hostile-detachment and Conflict Engagement in Marriages: Effects on Child and Family Functioning. *Child Development* 73: 636-651.

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Bell, A.C.** (2003) Ethics, Conversion Therapy, and the Integration of Non-heterosexual Relevancies into Mainstream Psychology. *Annual Meeting of the Society for the Exploration of Psychotherapy Integration*. New York, NY.
- Burckell, L.A.**, **Eubanks-Carter, C.**, and Goldfried, M.R. (2002) The Therapeutic Change Process as a Model for Changing Bias Against Gay, Lesbian, and Bisexual (GLB) Clients. Therapist Bias with Gay, Lesbian, and Bisexual Clients: Origins and interventions. M.R. Goldfried, Chair. *Annual Conference of the Society for the Exploration of Psychotherapy Integration*. San Francisco, CA.

- Rossi, G.C., **Cannella, D.T.**, Verschuuren, J., Posner, J.B. (2002) Intra-cerebroventricular Injection of Anti-sense HuD Oligonucleotides in Mice Results in Severe Motor Dysfunction and Seizures. *Society for Neuroscience Conference*. Orlando, FL.
- Chiaramonte, G.**, and Friend, R. (2002) Gender Bias in the Recommendation of Medication in CHD Patients. *Society of Behavioral Medicine's 23rd Annual Meeting and Scientific Sessions*. Washington, D.C.
- Chiaramonte, G.**, and Friend, R. (2002) Gender Bias in the Assessment of the Seriousness of CHD Patients' Symptoms. *Society of Behavioral Medicine's 23rd Annual Meeting and Scientific Sessions*. Washington, D.C.
- Jaffe, A., **Chiaramonte, G.**, Levine, N., and Van Moorsal, T. (2002) An Evidence-Based Medicine Teaching Module for Family Medicine Clerks. *The Society of Teachers of Family Medicine's Annual Meeting*. San Francisco, CA.
- Tini, M., **Corcoran, D.**, Rodrigues, L., and Waters, E. (2003) Maternal Attachment Scripts and Infant Secure Base Behavior. Script-like Representations of Secure Base Experience: Evidence of Cross-age, Cross-cultural, and Behavioral Links. H. Waters & E. Waters, ' Chairs. *The Biennial Conference of the Society for Research in Child Development*. Tampa Bay, FL.
- Sedoruk, J., Delosh, D., **Cottone, L.A.**, Squires, N.K. (2003) Event-related Potentials to Semantic Incongruity during Sleep. *The 10th Annual Meeting of the Cognitive Neuroscience Society*. New York, NY.
- Goldstein, R.Z., **Cottone, L.A.**, Jia, Z., Leskovjan, A.C., Volkow, N.D., Squires, N.K. (2003) The Effect of Graded Monetary Reward on Event-related Potentials and Behavior: Relevance to Drug Addiction. *The 10th Annual Meeting of the Cognitive Neuroscience Society*. New York, NY.
- Datz, G.** (2002) Effects of Intense Cold Pressor Pain on Learning (Encoding) and Memory (Recognition) in Females and Males. *Annual Meeting for Society of Neuroscience*. Orlando, FL.
- Datz, G.**, and **Echevarria, D.J.** (2002) Effects of Moderately Intense Cold Pressor Pain on Explicit and Implicit Memory. *Thirty-second Annual Meeting for the Society for Neuroscience*. Orlando, FL.
- Davies, K.**, and Connacher, C. (2003) Exploring Relationships between Birth Order, Attachment, and Relationship Satisfaction. *Annual Meeting of the Society for Personality and Social Psychology*. Los Angeles, CA.
- Del Vecchio, T.**, and O'Leary, S.G. (2002) Antecedents of Child Aggression. *36th Annual Meeting of the Association for Advancement of Behavior Therapy*. Reno, NV.
- Del Vecchio, T.**, and O'Leary, K.D. (2002) The Effectiveness of Anger Treatments for Specific Anger Problems: A Meta-analytic Review. *36th Annual Meeting of the Association for Advancement of Behavior Therapy*. Reno, NV.
- Dickinson, Christopher A.**, and Zelinsky, G.J. (2003) Explicitly Marking Rejected Distractors in an Overt Visual Search Task. *Annual Meeting of the Vision Sciences Society*. Sarasota, FL.
- Dickinson, Christopher A.**, and Zelinsky, G.J. (2002) Sitting and Waiting for the Target: A Strategy for Searching Dynamic Displays. *Annual Meeting of the Psychonomic Society*. Kansas City, MO.
- Echevarria, D.J.**, Manuzon, H., Siniakowicz, K., Saar, K., Bartfai, T., Langel, U., and Robinson J.K. (2002) A Novel Non-peptide Galanin Receptorligand, Galnon, Impairs Operant Delayed Nonmatching-to-position Performance in Rats. *Thirty-second Annual Meeting for the Society for Neuroscience*. Orlando, FL.
- O'Leary, K.D., **Fritz, P.A.T.**, and Lorber, M.L. (2002) Partner Aggression in Marriage: Quite Stable Early but Much Less a Decade Later. Understanding the Developmental Course of Physical Aggression in Intimate Relationships: Using Basic Research to Craft Effective Interventions. E. Lawrence, Chair. *Association of Advancement of Behavior Therapy*. Reno, NV.
- Gorby, H.E.**, **Tata, D.A.**, Coburn-Litvak, P.S., and Anderson, B.J. (2002) The Effects of 56-days of Administration of Corticosterone on Mitochondrial Area Fraction in CA3 of the Hippocampus.

PSYCHOLOGY

- Program No. 866.11. 2002 Abstract Viewer/Itinerary Planner: *Society for Neuroscience*. Online. Washington, D.C.
- Gordon, R.**, and Franklin, N. (2002) Locus of the Wishful Thinking Effect in Source Monitoring. *43rd Annual Meeting of the Psychonomic Society*. Kansas City, MO.
- Taylor, H.A., Rapp, D.N., and **Klug, J.L.** (2002) Skipping Through Space: Updating the Unexpected in Situation Models. *43rd Annual Meeting of the Psychonomic Society*. Kansas City, MO.
- Taylor, H.A., Rapp, D.N., and **Klug, J.L.** (2002) Skipping Through Space: Updating the Unexpected in Situation Models. *43rd Annual Meeting of the Psychonomic Society*. Kansas City, MO.
- Kraljic, T.**, and Brennan, S.E. (2003) Prosodic Disambiguation of Syntactic Structure: For the Speaker or for the Addressee? *16th Annual CUNY Conference on Human Sentence Processing*. MIT, Cambridge, MA.
- Kraljic, T.**, and Brennan, S.E. (2002) Use of Prosody and Optional Words to Disambiguate Utterances. Abstracts of the *43rd Annual Meeting of the Psychonomic Society*. Kansas City, MO: 27-28.
- Lorber, M.F.**, and Slep, A.M.S. (2002) Static and Dynamic Associations Among Maternal Affect, Negative Child Behavior, and Dysfunctional Discipline. *35th Annual Meeting of the Association for Advancement of Behavior Therapy*. Reno, NV.
- Lorber, M.F.**, and O'Leary, K.D. (2002) Psychological Aggression at Engagement Predicts Increases in Male Physical Aggression in Early Marriage. *35th Annual Meeting of the Association for Advancement of Behavior Therapy*. Reno, NV.
- Ingham, J.M., Brown, M., Lawrence, W., **Mangan, P.A.**, Yabroff, K.R., and Taylor, K.L. (2003) The Validity of the Distress Thermometer for Detecting Psychological Distress in Informal Caregivers of Patients with Advanced Cancer. *Annual Meeting of the American Society of Clinical Oncology*. Orlando, FL.
- Martyak, L., Arndt, M.A., **Mangan, P.A.**, Yabroff, K.R., Taylor, K.L., Ingham, J.M. (2002) A Pilot Study for Assessment of Distress in Caregivers of Cancer Patients. *American Association of Hospice and Palliative Medicine*. San Francisco, CA.
- Mangan, P.A.**, Taylor, K.L., Yabroff, K.R., Fleming, D.A., Ingham, J.M. (2002) Cancer Patient Caregivers: A Qualitative Analysis of Unmet Needs and Potential Solutions. *Annual Meeting of the Society of Behavioral Medicine*. Washington, D.C.
- Mangan, P.A.**, Shelby, R.A., Gelmann, E.P., McGuire, C., Taylor, K.L. (2002) Predictors of Exam Difficulty and Adherence in the Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial. *Annual Meeting of the American Society of Preventive Oncology*. Bethesda, MD.
- Tata, D.A.**, Coburn-Litvak, P.S., **McCloskey, D.P.**, **Pothakos, K.**, Anderson, B.J. (2002) Two-month Administration of a High Dose of Corticosterone Decreases Neuropil Volume of Middle Hippocampal CA3 and Suppresses Activity in Rats. *Annual Meeting of the Society for Neuroscience*. Orlando, FL.
- McCloskey, D.P.**, **Tata, D.A.**, **Gorby, H.E.**, Anderson, B.J. (2002) Kainic Acid Impairs Spatial Memory in the Barnes Circular Platform Maze 1 Week and 5 Months After Injection. *Annual Meeting of the Society for Neuroscience*. Orlando, FL.
- McIlree, C.**, Christodoulou, C., Melville, P., Scherl, W., Morgan, T., MacAllister, W., Krupp, L. (2003) Occupational Functioning and Mild Cognitive Impairment in Multiple Sclerosis. *Eastern Psychological Association 74th Annual Meeting*. Baltimore, MD.
- Horton, W.S., **Metzing, C.A.**, and Gerrig, R.J. (2003) Coordinating Looking with Speaking During the Production of Referring Expressions. *16th Annual CUNY Conference on Human Sentence Processing*. Cambridge, MA.
- Horton, W.S., **Metzing, C.A.**, and Gerrig, R.J. (2002) Tracking Speakers' Use of Internal and External Information During Referential Communication. *Annual Meeting of the Psychonomic Society*. Kansas City, MO.

- Sanabria, F., Baker, F., Rachlin, H.** (2002) Signaling Cooperation and Defection in a Free Operant Prisoner's Dilemma Game. *Society for the Quantitative Analysis of Behavior 2002 Conference*. Toronto, Canada.
- Sanabria, F.** (2002) Apuntes para el desarrollo del conductismo teleológico. *3er Congreso Iberoamericano de Psicología*. Bogotá, Colombia.
- Sanabria, F.** (2002) Implicaciones del descuento hiperbólico en el comportamiento del consumidor. *3er Congreso Iberoamericano de Psicología*. Bogotá, Colombia.
- Sanabria, F., Baker, F., Rachlin, H.** (2002) Señalización de la cooperación y la deserción en un juego del dilema del prisionero con operantes libres. *3er Congreso Iberoamericano de Psicología*. Bogotá, Colombia.
- Santiago, N.J., and Klein, D.N.** (2002) Specific Factors and the Therapeutic Alliance in the Treatment of Chronic Depression. *36th Annual Convention of the Association for the Advancement of Behavior Therapy: Predictors and Mode-Specific Factors in the Treatment of Depression*. Reno, NV.
- Shankman, S.A., Tenke, C.E., Bruder, G.E., Durbin, C.E., Hayden, E.P., Buckley, M.E., and Klein, D.N.** (2002) The Relationship Between EEG Asymmetry and Positive Emotionality in Young Children. *New York Academy of Science Conference "Emotions Inside Out: 130 Years After Darwin's The Expression of the Emotions in Man and Animals."* New York, NY.
- Kayser, J., Tenke, C.E., Griggs, C.B., **Shankman, S.A.**, and Bruder, G.E. (2002) Left or Right Button Press Versus Silent Count in Tonal and Phonetic Oddball Tasks: Current Source Density (CSD) ERPs and Principal Components Analysis (PCA). *Annual Meeting of the Society for Psychophysiological Research*. Washington, D.C.
- Shankman, S.A., and Klein, D.N.** (2002) Dimensional Diagnosis of Depression: Adding the Dimension of Course to Severity, and Comparison to the DSM. *Annual Meeting of the American Psychological Society*. New Orleans, LA.
- Spira, E.G., Fischel, J.E., and Shaller, E.G.** (2003) Behavioral and Social Skills and Emergent Literacy in Preschool Children. *Society for Research in Child Development Biennial Meeting*. Tampa, FL.
- Fischel, J.E., Storch, S.A., **Spira, E.G.**, and Stoltz, B.S. (2003) Enhancing Emergent Literacy Skills in Head Start: First Year Curriculum Evaluation Results. *Society for Research in Child Development Biennial Meeting*. Tampa, FL.
- Fischel, J.E., Storch, S.A. **Spira, E.G.**, Stoltz, B.S. (2002) Evaluation of Emergent Literacy Curricula in Head Start. *Fifth National Head Start Research Conference*. Washington, D.C.
- Steinberg, S., Davila, J., Fincham, F.D., Kachadourian, K.** (2002) Attachment, Parental Conflict, and Adolescents' Conflict Styles with Parents. *Annual Convention of American Association for the Advancement of Behavior Therapy*. Reno, NV.
- Kachadourian, L., Fincham, F.D., Davila, J., and **Steinberg, S.** (2002) Attachment, Forgiveness, and the Mediating Role of Attributions in Marriage. *Annual Convention of American Association for the Advancement of Behavior Therapy*. Reno, NV.
- Strong, G., and Aron, A.** (2003) Similarity of Interpersonal Closeness and Association with Relationship Satisfaction. *Society for Personality and Social Psychology*. Los Angeles, CA.
- Strong, G., and Aron, A.** (2002) Dissimilarity in Closeness and its Correlation with Relationship Satisfaction. *International Society for the Study of Personal Relationships*. Halifax, Nova Scotia.
- Tata, D.A., Coburn-Litvak, P.S., McCloskey, D.P., Pothakos, K., and Anderson, B.J.** (2002) Two-month Administration of a High Dose of Corticosterone Decreases Neuropil Volume of Middle Hippocampal CA3 and Suppresses Activity in Rats. Program No. 866.6. *2002 Abstract Viewer/Itinerary Planner*. Washington, D.C.: *Society for Neuroscience 2002*. Online.
- Levy, S.R., and **West, T.** (2003) A Functional Analysis of Social Ideologies. *Fourth Annual Meeting of the Society for Personality and Social Psychology*. Los Angeles, CA.

PSYCHOLOGY

- Markowski, L., **West, T.**, and Levy, S.R. (2002) Functions of Ideologies. *Sixth Annual Undergraduate Research Conference of the National Honor Society in Psychology*. Stony Brook University, Stony Brook, NY.
- West, T.**, and Levy, S.R. (2002) Acquired Meanings of Ideologies in Intergroup Prejudice: A Developmental Approach. Reducing Prejudice, Stereotypes, and Discrimination in Children. F. Aboud, Chair. *Biennial Meeting of the Society for the Psychological Study of Social Issues*. Toronto, Canada.
- Woicik, P.B.**, Westmaas, J.L., Vitulli, D. (2003) Biomarker Feedback and Smokers' Perception of Health Risk: Effects of Threat and Reward Sensitivities. *2003 Annual Meeting of the American Society of Preventive Oncology*. Philadelphia, PA.
- Conrod, P.J., Comeau, N., Stewart, S.H., MacLean, M., and **Woicik, P.B.** (2002) Evaluation of the Psychometric Properties of a Brief Scale for Assessing Personality Risk For Substance Abuse in Adolescents: The Substance Use Risk Profile Scale (SURPS) Applied to Adolescent Samples. *34th Banff Conference on Behavioral Science: Adolescent Substance Abuse: Innovative Approaches to Prevention and Treatment*. Banff, Alberta.
- Woodin, E.M.**, and O'Leary, K.D. (2002) How to Select Aggressive Couples for Conjoint Treatment. *Association for the Advancement of Behavior Therapy*. Reno, NV.
- Carrère, S., Yoshimoto, D., Schwab, J., Mittmann, A., **Woodin, E.M.**, Tabares, A., Ryan, K., Hawkins, M., Prince, S., and Gottman, J. (2002) Anger Dysregulation in Married Couples. *Society for Psychophysiological Research*. Washington, D.C.
- O'Leary, K.D., **Woodin, E.M.**, and Fritz, P.T. (2002) Can We Prevent the Hitting? Recommendations for Preventing Intimate Partner Violence Between Young Adults. *Department of Defense Symposium on Domestic Violence Prevention Research*. Arlington, VA.

❖ Post-Doctorates Obtained and Professional Appointments

- Drabick, Deborah.** (2003) Assistant Professor. Department of Psychology, *Temple University*, Philadelphia, PA.
- Echevarria, D.J.** (2003) Post-Doctorate Fellowship, the lab of Francisco Gonzalez-Lima, *University of Texas*, Austin, TX.
- McCloskey, D.P.** (2003) Post-Doctorate Fellowship, Department of Neurology, *Columbia University*, New York, NY.
- McLaughlin-Volpe, Tracy.** (2003) Assistant Professor. *University of Vermont*, Burlington, VT.

❖ Internship Appointments

- Buckley, M.E.** (2003) Clinical Psychology Intern in Adult Psychiatry. *University of Alabama at Birmingham Psychology Training Consortium*, Birmingham, AL.
- Datz, G.** (2003-2004) *Veterans Affairs Medical Center*, New Orleans, LA.
- Guttman-Steinmetz, Sarit.** (2003) *Mamonides Medical Center*, Brooklyn, NY.
- Jaffee, W.** (2003) McLean Hospital, *Harvard Medical School*, Boston, MA.
- Lorber, M.F.** (2003-2004). Montefiore Medical Center, *Albert Einstein School of Medicine*, Bronx, NY.
- Stoltz, Brett.** (2003) Mailman Center for Child Development, *University of Miami*, Miami FL.

Storch, Stacey. (2003-2004) *St. Luke's – Roosevelt Hospital* (Child and Adolescent Track), New York, NY.

❖ **Other**

Lorber, M.F. (2003) Ad hoc Reviewer. *Journal of Child and Family Studies*.

Lorber, M.F. (2002) Ad hoc Reviewer. *Psychophysiology*.

Metzing, C.A. (2003) Ad hoc Reviewer. *Journal of Memory and Language*.

SOCIAL WELFARE

GRADUATE DIRECTOR: JOEL BLAU

❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

Chandler, Barbara. (2002) Conducting Focus Groups With Minority Caregivers: Methodological Issues.
55th Annual Meeting of the Gerontological Society of America. Boston, MA.

SOCIOLOGY

GRADUATE DIRECTOR: IVAN CHASE

DEPARTMENT CHAIR: NORMAN GOODMAN

❖ Grants, Fellowships, and Awards

Connolly-Schoonen, Josephine. (2002) Heart Links Project Coalition of Eastern Suffolk County, \$25,000. *New York State Department of Health*, Albany, NY.

Connolly-Schoonen, Josephine. (2002) Heart Links Project, \$400,000. *New York State Department of Health*, Albany, NY.

Muñoz, José. (2002) W. Burghardt Turner Summer Research Grant, \$2,400. *Stony Brook University*, Stony Brook, NY.

Muñoz, José. (2002) Yale-Carnegie Globalization and Self Determination Prize, \$1,000. *Yale University*, New Haven, CT.

❖ Singly Authored Publications/Research Reports/Reviews

Muñoz, José. (2002) Global Structuring on Collective Action: Zapatistas, Mexico, and the New World Economy. *Globalization and Self-Determination Essays*. Yale-Carnegie Working Paper Series.

❖ Jointly Authored Publications/Research Reports/Reviews

Connolly-Schoonen, Josephine, Gargiula, L., and Reeve, D. (2002) Selections from Current Literature: Treatment Issues in Childhood Obesity. *Family Practice: An International Journal* 19: 1-6.

Factor, S., **Wu, Yingfeng**, Monserrate, J., Edwards, V., Cuevas, Y., Del Vecchio, S., and Vlahov, D. (2002) Drug Use Frequency Among Street-Recruited Heroin and Cocaine Users in Harlem and the Bronx Before and After September 11, 2001. *Journal of Urban Health* 79: 404-408.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Akella, Umasundari. (2003) Gendered Experiences Within Embedded Corporations. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

Connolly-Schoonen, Josephine. (2003) Changing the School Environment: A Three Year Plan for Success. *Annual Meeting of New York State School Food Service Association*. Albany, NY.

Connolly-Schoonen, Josephine. (2002) Creating Healthy Eating Environments for Young Child in Child Care. *Annual Conference of National Coalition for Campus Children's Centers*. San Antonio, TX.

Culton, Kenneth R. (2003) The Modern Rock Subcultures: Identity Formation in a Subcultural Type. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

Diamond, Diane. (2003) Breaking Down the Barricades: The Admission of Women at Virginia Military Institute and the United States Military Academy at West Point. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

Diamond, Diane. (2002) Assimilating Women at the Virginia Military Institute: Attitudes and Experiences. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.

Eterovic, Ivana. (2003) Integration of Eastern European Actors into the Transnational Social Movement Sector. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

SOCIOLOGY

- Eterovic, Ivana**, Smith, J., and **Wiest, Dawn R.** (2002) Surviving in a Changing World: Predictors of Dissolution in the Population of Transnational Social Movement Organizations (1993-2000). *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Green, Gayle.** (2003) The Gendered Experiences of Sociology Faculty. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Kimmel, M., and **Mahler, Matthew.** (2002) Masculinity, Adolescence, and Homophobia: School Violence in the 1990s. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Kimmel, M., and **Smith, Richard.** (2002) The Hidden Discourse of Masculinity in Gender Discrimination Law. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Kuchner, J.F., and **Connolly-Schoonen, Josephine.** (2002) Establishing and Nurturing Healthy Eating Environments for Infants and Toddlers in Child Care. *17th National Training Institute, Zero to Three National Center for Infants, Toddlers and Families*. Washington, D.C.
- Kutz-Flamenbaum, Rachel.** (2003) From Reproductive Rights to Reproductive Equality. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Kutz-Flamenbaum, Rachel.** (2003) Preliminary Findings on the Burgeoning Peace Movement. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Liang, Z., and **Wu, Yingfeng.** (2003) Return Migration in China: New Methods and Findings. *Annual Meeting of the Population Association of America*. Minneapolis, MN.
- Maruoka-Ng, Etsuko.** (2003) Cultural Response to Globalization: Symbols of Ethnic Identity and Trajectory of “Japanglish.” *Hearing the Technological Sublime Conference*. Stony Brook, NY.
- Mohammadi, Majid.** (2003) Dual Military System in a Post-Revolutionary Society: Iran’s Case. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Newmahr, Staci.** (2003) Power and Sexual Submission: A Content Analysis. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Sher, Anna.** (2002) Constructing Normalcy and Order: Toward and Understanding of Legal Culture in Post-Socialist Russia. One Ring to Rule Them All? *Power and Power Relations in East European Politics and Societies*. The University of California at Berkeley, Berkeley, CA.
- Smith, Richard.** (2003) Strong Island Wrestling: The Performance of Masculinity in Amateur Professional Wrestlers in Long Island, New York. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Smith, Richard.** (2003) The Construction of Masculinity in Jim Beam’s, ‘Real Friends, Real Bourbon’ Advertising Campaign. *Annual Meeting of Popular American Culture Association*. New Orleans, LA.
- Spears, David.** (2002) Green Production, Green Consumerism: An Exploration of Marketplace Solutions to Environmental Problems. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Weiss, Karen G.** (2002) He Raped Me, But It Wasn’t His Fault: A Gendered Analysis of Date Rape Victims’ Accounts. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Wiest, Dawn R., and Eterovic, Ivana.** (2003) Political Action in the Age of Globalization. *The 73rd Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Wiest, Dawn R., Smith, J., and Eterovic, Ivana.** (2002) Uneven Globalization: Explaining Variable Participation in Transnational Social Movement Organizations. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Wilson-Corzen, Vondora.** (2002) Conversations on Fear: An Ethnic Analysis of Student Reactions to September 11. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.

Winston, Fletcher. (2002) Friend or Foe?: Environmental Group Ties to Business and the Restriction of Tactical Options. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.

Wu, Yingfeng. (2002) Market Reform and the Changing Life Chances of the Working Class in China. *How Class Works*. Stony Brook, NY.

Wu, Yingfeng. (2002) Income Inequality in Eight Provinces of China, 1988-1996. *The 97th Annual Meeting of the American Sociological Association*. Chicago, IL.

❖ **Post-Doctorates Obtained and Professional Appointments**

Childress, Caroline. (2002) Research Coordinator/Data Manager. Reconnecting Youth Program, Psychosocial and Community Health, School of Nursing, *University of Washington*, Seattle, WA.

Mahler, Matthew. (2001) Managing Editor. *Men and Masculinities: An Interdisciplinary, International Journal of Gender Issues*, Department of Sociology, *Stony Brook University*, Stony Brook, NY.

Maruoka-Ng, Etsuko. (2003) Adjunct Lecturer. Department of Comparative Studies, *Stony Brook University*, Stony Brook, NY.

THEATRE ARTS

GRADUATE DIRECTOR: MICHAEL ZELENAK

DEPARTMENT CHAIR: DONALD PETREY

❖ Grants, Fellowships, and Awards

Diaz-Lobos, Pamela. (2002-2003) *Fulbright Scholarship*. New York, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Yang, Hui-Yu. (2002) A Poet Meets a Soldier: Idealist vs. Materialist in a Streetcar Named Desire. *Stony Brook University*, Stony Brook, NY.

Yang, Hui-Yu. (2002) Chinese Contemporary Theatre After the Cultural Revolution: Gao Xing-Jien and His Spoken Drama. *Stony Brook University*, Stony Brook, NY.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Bojsza, Elizabeth. (2002) Associate Editor: The Groundling (MFA Dramaturgy Newsletter) *The Mardi Gras Dialogues*. Stony Brook University, Stony Brook, NY.

Franco-Hodges, Lydia. (2003) Produced Spring Arts Festival reading of Lydia Franco-Hodges' Play, *Habitat at Fannie Brice Theatre*. Stony Brook University, Stony Brook, NY.

Promin, Christine. (2003) Virgin Escorts. *Hearing the Technological Sublime: Sound, New Media, and Society*. Stony Brook, NY.

❖ Internship Appointments

Cardillo, Frank. (2003) Director/Workshop Staff Member/Actor. *Sterling Renaissance Festival*, Sterling, NY.

Kellner, Aaron David. (2003) Literary Intern. *New Dramatists*, New York, NY.

Kellner, Aaron David. (2002-2003) Literary Assistant. *Women's Project & Productions*, New York, NY.

Lammers, Petra. (2002) Dramaturg Assistant. *Volksbuehne am Rosa-Luxemburg-Platz*, Berlin, Germany.

Sinanovic, Jasmina. (2003) Dramaturg. *Jean Cocteau Repertory Theatre*, New York, NY.

Sinanovic, Jasmina. (2003) Assistant to the Literary Manager. *Jean Cocteau Repertory Theatre*, New York, NY.

❖ Exhibitions/Performances

Diaz-Lobos, Pamela. (2002) Dramaturg and Performer WEB THEATRO in Collaboration with the Chilean Actor Sidhartha Corvalan. *Cabaret @ The Spot*, Stony Brook University, Stony Brook, NY.

Pringle, Brian. (2002) Actor. *The Rover*. Theatre One, Staller Center, Stony Brook University, Stony Brook, NY.

❖ **Theatrical Productions and Performances**

Bojsza, Elizabeth. (2003) Director. *The Pitchfork Disney* by Philip Ridley. The Cabaret, Fannie Brice Theater, Stony Brook University, Stony Brook, NY.

Bojsza, Elizabeth. (2003) Director. *Betty's Summer Vacation* by Christopher Durang. Stony Brook Stages, Stony Brook University, Stony Brook, NY.

Bojsza, Elizabeth. (2003) Artistic Director. *2003 Long Island Play Project*. Stony Brook University, Stony Brook, NY.

Bojsza, Elizabeth. (2002-2003) Executive Producer. *Cabaret @ The Spot*, Stony Brook University, Stony Brook, NY.

Bojsza, Elizabeth. (2002) Dramaturg. *The Rover*. Stony Brook Stages, Stony Brook University, Stony Brook, NY.

Bojsza, Elizabeth. (2002) Stage Manager. *Damn Yankees*. West Orange Theater Under the Stars, West Orange, NJ.

Cardillo, Frank. (2003) Actor. *Crossing Under*. New York Dinner Theater, Manhasset, NY.

Cardillo, Frank. (2003) Director/Author. *Wrestlemmedia*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.

Cardillo, Frank. (2003) Producer. *An Enemy of the People*. 501 Project, Stony Brook, NY.

Cardillo, Frank. (2002-2003) Actor. *Joey and Mary's Irish/Italian Comedy Wedding*. New York Dinner Theater, New York, NY.

Cardillo, Frank. (2002) Actor. *Stop Kiss*. Long Island Play Project, Staller Center, Stony Brook University, Stony Brook, NY.

Cardillo, Frank. (2002) Dramaturg. *The Laramie Project*. Suffolk Community College, Department of Theatre/Long Island Play Project, Selden, NY.

Cardillo, Frank. (2002) Director/Author/Actor. *The Commedia Christmas Special*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.

Daidone, Deborah. (2003) Director/Actor. *The Rocky Horror Show*. Cabaret/Fannie Brice Theatre, Stony Brook University, Stony Brook, NY.

Daidone, Deborah. (2003) Production Manager. *2002-2003 Cabaret Season*. Stony Brook University, Stony Brook, NY.

Daidone, Deborah. (2002) Dramaturg. *The Rover*. Theatre One, Staller Center, Stony Brook University, Stony Brook, NY.

Diaz-Lobos, Pamela. (2003) Director. *Ti Jean Blues* by JoAnne Akalaitis. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY. Paula Jean's Supper Club, Setauket, NY.

Diaz-Lobos, Pamela. (2003) Artistic Director. *Cabaret @ The Spot*, Stony Brook University, Stony Brook, NY.

Espada-Santos, Margarita, and Petra Lammers. (2002) Collaborator/Performer/Editor. *Canibal es el Mundo*. Theatre Festival of Puerto Rico, Teatro Yerbabruja, San Juan, Puerto Rico.

Franco-Hodges, Lydia. (2003) Dramaturg. *Betty's Summer Vacation*. Staller Center, Theatre Two, Stony Brook University, Stony Brook, NY.

THEATRE ARTS

- Franco-Hodges, Lydia** (2002) Actor. *Stop Kiss*. Long Island Play Project, Staller Center, Stony Brook University, Stony Brook, NY.
- Hawley, Joan** (2003) Dramaturg. *Arms and the Man*. Staller Center, Stony Brook University, Stony Brook, NY.
- Hawley, Joan** (2003) Playwright/Director. *Moss/Stone*. Cabaret (Fannie Brice Theatre), Stony Brook University, Stony Brook, NY.
- Hawley, Joan** (2003) Director. *Mrs. Warren's Profession*. Stony Brook University, Stony Brook, NY.
- Hawley, Joan** (2002) Assistant Artistic Director. *Long Island Play Project*. Staller Center, Stony Brook University, Stony Brook, NY.
- Kellner, Aaron David** (2003) Dramaturg. *Bent*. Suffolk County Community College, Stage 119, Selden, NY.
- Kellner, Aaron David** (2003) Stage Manager. *The Savages of Hartford*. New Dramatists, New York, NY.
- Kellner, Aaron David** (2002) Director/Sound Designer. *Pterodactyls*. Stony Brook Stages, Stony Brook University, Stony Brook, NY.
- Kellner, Aaron David** (2002) Actor. *Pantalone King Presents*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.
- Lantz-Gefroh, Valeri** (2002) Artistic Director. *Long Island Play Project*. Staller Center, Stony Brook University, Stony Brook, NY.
- Lantz-Gefroh, Valeri** (2002) Director. *Habitat*, by Lydia Franco-Hodges. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.
- Lammers, Petra** (2002) Collaborator/Performer/Editor with Margarita Espada-Santos: *Canibal es el Mundo*. Theatre Festival of Puerto Rico. Teatro Yerbabruja, San Juan, Puerto Rico.
- Lammers, Petra** (2002) Director. *Myrrha*. Enlasses Café, San Juan, Puerto Rico.
- Maynard, Gary** (2002) Lighting Designer. *Web Teatro*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.
- Maynard, Gary** (2002) Prop Master. *Stop Kiss*. Staller Center for the Arts, Theatre Two, Stony Brook University, Stony Brook, NY.
- Maynard, Gary** (2002) Actor. *Virgin Escorts*. Staged Reading. Fannie Brice Theatre, Stony Brook University, Stony Brook, NY.
- Nerenberg, Lloyd** (2003) Assistant Dramaturg. *Arms and the Man*. Stony Brook University, Stony Brook, NY.
- Nerenberg, Lloyd** (2003) *Wrestlemedia*. Stony Brook University, Stony Brook, NY.
- Nerenberg, Lloyd** (2002) Assistant Dramaturg. *Stop Kiss*. Stony Brook University, Stony Brook, NY.
- Nerenberg, Lloyd** (2002) Group. *Commedia Christmas Special*. Stony Brook University, Stony Brook, NY.
- Nerenberg, Lloyd** (2002) *Gossip*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.
- Pabalelo, Mmila** (2003) Actor. *Ti Jean Blues*. Cabaret @ The Spot. Stony Brook University, Stony Brook, NY.
- Pabalelo, Mmila** (2002) Dresser. *Stop Kiss*. Staller Center for the Arts, Theatre Two, Stony Brook University, Stony Brook, NY.
- Pabalelo, Mmila** (2002) Actor. *Gossip*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.
- Pringle, Brian** (2002) Assistant Dramaturg/Properties. *Pterodactyls*. Theatre Two, Staller Center, Stony Brook University, Stony Brook, NY.

- Promin, Christine.** (2003) Actor, Producer, and Playwright. *Virgin Escorts. The Spot*, Stony Brook, NY.
- Promin, Christine.** (2003) Performer. *Drag Show 2. The Spot*, Stony Brook, NY.
- Promin, Christine.** (2002) Dramaturg. *Pterodactyls*. Theatre Two, Staller Center, Stony Brook University, Stony Brook, NY.
- Sinanovic, Jasmina.** (2002) Actor. *Talking With*. The Spot. Stony Brook University, Stony Brook, NY.
- Sinanovic, Jasmina.** (2002) Actor, Director, Playwright. *Gossip*. The Spot. Stony Brook University, Stony Brook, NY.
- Sinanovic, Jasmina.** (2002) Dramaturg, Assistant Director, Video Design. *Stop Kiss*. The Long Island Play Project, Staller Center, Theatre Two, Stony Brook University, Stony Brook, NY.
- Yang, Hui-Yu.** (2002) Choreographer/Actor. *Gossip*. Cabaret @ The Spot, Stony Brook University, Stony Brook, NY.

❖ Translations/Publications

- Daidone, Deborah.** (2003) *Adaptation*. The Father by August Strindberg. Stony Brook University, Stony Brook, NY.
- Diaz-Lobos, Pamela.** (2002) *Web Teatro/Web Theatre*. Spanish-English for the Performance at Stony Brook, NY.
- Kellner, Aaron David.** (2003) *The Painter of Dishonor*, by Pedro Calderon de la Barca. Unpublished.
- Lammers, Petra.** (2002) *Koenigsberg/Kaliningrad* by Andrej Nekrassov. A translation for the Voksbuehne am Rosa-Luxemburg-Platz, Berlin, Germany.
- Promin, Christine.** (2003) *Lulu* by Frank Wedkind. *Stony Brook University*, Stony Brook, NY.
- Sinanovic, Jasmina.** (2003) *Grad od Snova 2000/City of Dreams 2000* by Jasmin Durakovic. Sarajevo, Bosnia.

❖ Website Development

- Promin, Christine.** (2003) Web Designer. *christinepromin. What is dramaturgy?*
<<http://www.christinepromin.com>>
- Yang, Hui-Yu.** (2002) Web Designer. *Courageous Act of the Imaginative Soul*.
<<http://www.sinc.sunysb.edu/Class/thr500/thr500/courage>>. Stony Brook University, Stony Brook, NY.
- Franco-Hodges, Lydia.** (2002) Designed Second Website for Stop Kiss, Long Island Play Project and Provided Content for First Website for *Stop Kiss*. Long Island Play Project, Stony Brook University, Stony Brook, NY.

❖ Video Productions

- Sinanovic, Jasmina.** (2003) Actor. *The Little Mermaid* by Glenn Webb.

❖ Work in Progress

- Sinanovic, Jasmina.** (2002-2003) Ensemble Member. *Balkan Theatre Group*.

❖ Newspaper

THEATRE ARTS

Sinanovic, Jasmina. (2002-2003) Assistant Editor, *News and Blues*, the Graduate Student's Newspaper. Stony Brook University, Stony Brook, NY.

❖ **Other**

Bojsza, Elizabeth. (2002-2003) Columnist for *News n' Blues* (graduate student newspaper). Stony Brook University, Stony Brook, NY.

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