

A TRIBUTE IN LOVING MEMORY



Lisa McKinney (1969-2001)

Lisa McKinney was a living example of the qualities that the W. Burghardt Turner program seeks to encourage and nurture. A gifted clarinetist, she entered Stony Brook's Doctor of Musical Arts program after years of experience playing with orchestras in the Detroit area. Her teacher, Charles Neidich, called her "a very talented clarinetist and a sensitive musician who plays with a natural lyricism which is very appealing." Lisa quickly became a popular teacher and an active member of Stony Brook's musical community, performing with a wide range of groups. But her interests were not limited to music: in her last year she also appeared in the cast of the Theatre Arts department production of "The Vagina Monologues." In Fall, 2001, Lisa was scheduled to travel to the People's Republic of China, where she had been chosen to teach music at South China Normal University in Guangzhou as part of an exchange program coordinated by the University of the Incarnate Word. In May, 2001, Lisa McKinney suddenly and unexpectedly died of a brain aneurysm. Lisa's sunny personality, her energy and enthusiasm, and her expressive and lyrical clarinet playing will be deeply missed.

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 2000-2001 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 have 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 their respective program's achievements.

- **On the Cover**

“Man With a Microphone” (charcoal drawing on paper) by Melanie Baker

Melanie Baker is a graduate student in the Master of Fine Arts program and the winner of the 2001 Dorothy L. Pieper Memorial Purchase Prize

- **Cover design:** Greg Glancey
- **Editing and Typesetting:** Greg Glancey

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GRADUATE PROGRAMS

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

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

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

❖ **COLLEGE OF ARTS AND SCIENCES**, Acting Dean: Robert Liebermann

Anthropological Sciences
Art History and 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
Political Science
Psychology
Sociology
Theatre Arts

❖ **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: Marvin Geller

Coastal Oceanography
Marine Sciences

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

The 2001 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.

Susan Crane	<i>English</i>
Jennifer Mailoux	<i>Psychology</i>
Evan Selinger	<i>Philosophy</i>
Aaron Smith	<i>Philosophy</i>
Michelle A. Cunliffe Steiner	<i>Psychology</i>
Meghan Sumner	<i>Linguistics</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.

Katherine Cherbas	<i>Music</i>
Adrian Johnston	<i>Philosophy</i>
Dehai Liang	<i>Chemistry</i>
Yuxie Pu	<i>Materials Science and Engineering</i>
Kwan Woo Shin	<i>Materials Science and Engineering</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.

Melanie Baker	<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.

Doris Rita Alfonso
Heather Throop

Philosophy
Ecology and Evolution

❖ **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.

Stuart Kendall

Comparative Literature

ANATOMICAL SCIENCES

GRADUATE DIRECTOR: CATHERINE FORSTER
DEPARTMENT CHAIR: JACK STERN

❖ Grants, Fellowships, and Awards

- Hill, Robert V.** (2000) Combined data phylogenetic analysis of amniote relationships with special reference to osteoderms and the integumentary system. Grant under review by *Theodore Roosevelt Memorial Fund, American Museum of Natural History*, New York, NY.
- Hill, Robert V.** (2000) Plates, spines, and clubs: Character data from dinosaur osteoderms for phylogenetic analysis of amniotes. Grant under review by *The Jurassic Foundation*, Drumheller, Alberta, Canada.
- Metzger, Keith.** (2000) Graduate Council Fellowship, \$9,372.00. *SUNY at Stony Brook*, Stony Brook, NY.
- Metzger, Keith.** (2000) Department of Anatomical Sciences Research Grant, \$250.00. *SUNY at Stony Brook*, Stony Brook, NY.
- O'Connor, Patrick M.** (2000) The Paleobiological Fund Research Grant, \$700.00. *The Paleobiological Fund*, Annandale, VA.
- O'Connor, Patrick M.** (2000) Research Grant, \$2357.00. *Jurassic Foundation*, Drumheller, Alberta, Canada.
- O'Connor, Patrick M.** (2000) Research Grant, \$250.00. Department of Anatomical Sciences, *SUNY at Stony Brook*, Stony Brook, NY.
- O'Connor, Patrick M.** (2000) Graduate Council Commendation for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook*, Stony Brook, NY.
- Rogers, Kristina C.** (2000) Research Grant, \$4,500. *The Jurassic Foundation*, Drumheller, Alberta, Canada
- Rogers, Kristina C.** (2000) Heaton Fund, Student Support Award, \$1,000.00. *Royal Tyrell Museum*, Drumheller, Alberta, Canada.
- Rogers, Kristina C.** (2001) Research Grant, \$500.00. *American Association of Paleontological Suppliers*, St. Paul, MN.
- Samonds, Karen E.** (2000) Grants-In-Aid of Research, \$2,500.00. *Geological Society of America*, Boulder, CO.
- Samonds, Karen E.** (2000) Bryan Patterson Award, \$2,000.00. *Society of Vertebrate Paleontology*, Northbrook, IL.

❖ Singly Authored Publications/Research Reports/Reviews

- Metzger, Keith.** (in press) Review of the proceedings of the Society of Vertebrate Paleontology's 59th Annual Meeting. *Evolutionary Anthropology*.
- Rogers, Kristina C.** (2000) Growth Rates Among the Dinosaurs. *Scientific American Book of Dinosaurs*. Paul, G., Ed. New York: St. Martin's Press.
- Rogers, Kristina C.** (in press) Evidence for Evolution. *Encyclopedia Britannica Biology for Students*. Gale Group Publishing.

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

- Heesy, C.P. and **Hill, Robert V.** (in press) Review of the proceedings of the 60th Annual Meeting of the Society of Vertebrate Paleontology. *Evolutionary Anthropology*.
- Forster, C.A. and **O'Connor, Patrick M.** (2000) Late Cretaceous Avifauna of Northwestern Madagascar. *Journal of Vertebrate Paleontology*, 20 (suppl. to 3): 41A-42A.
- O'Connor, Patrick M.** and N.J. Stevens (2000) Biotic and abiotic factors as predictors of species richness in Madagascar. *American Journal of Physical Anthropology*, suppl. 18.
- Rogers, Kristina C.**, J. Castanet, J. Cubo, and J.-J. Boisard. (2000) How fast is fast? Bone growth rate quantification in extant ratites and implications for dinosaurs. *Journal of Vertebrate Paleontology* 20: 37A.
- Castanet, J., **Rogers, Kristina C.**, Cubo, J., Boisard, J.-J. (2000) Periosteal bone growth rates in extant ratites (ostrich and emu) Implications for assessing growth in dinosaurs. *Comptes Rendus Academie Sciences, Sciences de la vie*, 323: 543-549.
- Erickson, G. and **Rogers, Kristina C.** (2000) Comparison of exponential stage growth rates between dinosaurs and extant vertebrates. *Journal of Vertebrate Paleontology* 20: 40A.
- Rogers, R., **Rogers, Kristina C.**, D. Munyikwa, and R. Terry. (2000) The beginning of the Age of Dinosaurs in Southern Zimbabwe: A geological and paleontological overview. *Journal of Vertebrate Paleontology* 20: 64A.
- Godfrey, L.R., **Samonds, Karen E.**, Jungers, W.L. and Sutherland, M.R. (In press) Teeth, Brains, and Primate Life Histories. *American Journal of Physical Anthropology*.
- Godfrey, L.R., **Samonds, Karen E.**, Jungers, W.L. and Sutherland, M.R. (In Press) *Primate Life Histories and Socioecology*. Kappeler, P. and Pereira, M., Eds. Plenum Press: New York.
- Godfrey, Laurie R., **Samonds, Karen E.**, W.L. Jungers, and M. R. Sutherland (2001) Teeth, brains and primate life histories. *American Journal of Physical Anthropology*, 114: 192-214.
- Godfrey, Laurie R., **Samonds, Karen E.**, W.L. Jungers, and M.R. Sutherland (2001) Dental development and primate life histories. Prepared for *Primate Life Histories and Socioecology*. Peter M. Kappeler and Michael E. Pereira, Eds. Plenum Press: New York.
- Irwin, Mitchell T., **Samonds, Karen E.**, and J.-L. Raharison (2000) A Biological Inventory of Réserve Spéciale de Kalambatritra, Madagascar, with Special Emphasis on Lemurs and Birds. Unpublished Research Report Presented to *ANGAP*.
- Irwin, Mitchell T., **Samonds, Karen E.**, K.E. Glander, and J.-L. Raharison (2000) A Census of the Primate Community of Tsinjoarivo (Ambatolampy), Madagascar, With Observations of a Previously Undescribed Sifaka, *Propithecus*. Unpublished Research Report Presented to *ANGAP*.
- Irwin, Mitchell T., **Samonds, Karen E.** (2001) Range extension of the Madagascar Red Owl (*Tyto soumagnei*) in Madagascar: The case of a rare, widespread species? Manuscript IB01/06 submitted to *IBIS*.
- Schwartz, Gary T., **Samonds, Karen E.**, W.L. Jungers, and L.R. Godfrey. (2000) Dental microstructure and life history in subfossil lemurs. *Journal of Vertebrate Paleontology*, 20 (suppl): 68A.

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

- Hill, Robert V.**, J.G. Honey, and M.A. O'Leary. (2000) New fossils from the Early Eocene Four Mile Area and improved relative dating of vertebrate localities. 60th Annual Meeting, Society of Vertebrate Paleontology. Mexico City, Mexico.

- Hill, Robert V.**, and O'Leary, Maureen. (2000) New fossils from the early Eocene four mile area and improved relative dating of vertebrate localities. *Society for Vertebrate Paleontology, 59th Annual Meeting*. Denver, Colorado.
- Metzger, Keith** and C. Ross. (2001) Strain patterns in the lower jaw of the caiman (*Caiman crocodilus*): implications for the function and evolution of the intramandibular joint in archosaurs. 6th *International Congress of Vertebrate Morphology*. Jena, Germany.
- O'Connor, Patrick M.** and Demes, A.B. (2000) Atlas of Neuroanatomy. *Department of Anatomical Sciences*. SUNY at Stony Brook, Stony Brook, NY.
- Rogers, Kristina C.**, J. Castanet, J. Cubo, and J.-J. Boisard. (2000) How fast is fast? Bone growth rate quantification in extant ratites and implications for dinosaurs. *Society of Vertebrate Paleontology*. Mexico City, Mexico.
- Erickson, G. and **Rogers, Kristina C.** (2000) Comparison of exponential stage growth rates between dinosaurs and extant vertebrates. *Society of Vertebrate Paleontology*. Mexico City, Mexico.
- Samonds, Karen E.**, G.T. Schwartz, W.L. Jungers, and L.R. Godfrey. (2001) Dental development and life history in subfossil lemurs. *American Journal of Physical Anthropology*, abstract for 2001 meetings.
- Godfrey, Laurie R., **Samonds, Karen E.**, and William L. Jungers. (2000) Dental development and the life histories of primates. *American Association of Physical Anthropology Meetings*. San Antonio, Texas.

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

- Rogers, Kristina C.** (2000) Curatorial Assistant. Paleontology Department, *Science Museum of Minnesota*, St. Paul, MN.
- Rogers, Kristina C.** (2000) Visiting Scholar. Geology Department, *Macalester College*, St. Paul, MN.
- Rogers, Kristina C.** (2000) Research Associate. Bell Museum of Natural History, *University of Minnesota*, St. Paul, MN.

❖ **Web Page Developed**

- Hill, Robert V.** (2000) Errors in Grant's Dissector, 12th Edition. Web page devoted to correcting errors in popular lab manual for students in human gross anatomy.

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: CALLUM ROSS

❖ Grants, Fellowships, and Awards

- Franz, Theresa.** (2001) Honorable Mention in the National Science Foundation Graduate Research Fellowship Competition. *National Science Foundation*, Arlington, Virginia.
- Heesy, C.P.** (2000) Sigma Xi Grant-in-Aid of Research.
- Irwin, Mitchell T.** (2000) Survey of the Lemur Community of Kalambatritra Special Reserve, South Central Madagascar, \$4000. *Margot Marsh Biodiversity Foundation*, Washington, DC.
- Irwin, Mitchell T.** (2000) Survey of the Lemur Community of Kalambatritra Special Reserve, South Central Madagascar, \$2000. *Primate Conservation, Inc.*, Charlestown, RI.
- Ratsimbazafy, Jonah.** (2000/01) Species Survival Fund, \$10,000. *Wildlife Trust*, Palisades, NY.
- Ratsimbazafy, Jonah.** Developing Countries Training Fellowships For Anthropological Research, \$12,500. *Wenner Gren Foundation For Anthropological Research, Inc.*, New York, NY.
- Ratsimbazafy, Jonah.** Wildlife Trust Project Senior Project Leader Meeting. *Wildlife Trust*, Palisades, NY.
- Mayor, M.** (2000) Cytogenetic Study of Diademed sifakas in Northern Madagascar, \$5,000.00. *Margo Marsh Biodiversity Foundation*, Great Falls, VA.
- Mayor, M.** (2000) Cytogenetic Study of Diademed sifakas in Northern Madagascar, \$2,000.00. *Primate Conservation Inc.*, Charlestown, RI.
- Mayor, M.** (2000) Cytogenetic Study of Diademed sifakas in Northern Madagascar. Summer Research Fellowship, W.G. Burghardt, \$3,000.00. *SUNY at Stony Brook*, Stony Brook, NY.
- Shah, N.** (2000) Interdepartmental Program in Anthropological Sciences Travel Grant, \$200. *SUNY at Stony Brook*, Stony Brook, NY.
- Shah, N.** (2000) Margot Marsh Biodiversity Foundation, \$2000. *Conservation International*, Washington, DC.
- Smith, T.M.** (2001) Interdepartmental Program in Anthropological Sciences (IDPAS) Travel Award, \$250. *SUNY at Stony Brook*, Stony Brook, NY.
- Stevens, N.J.** (1999) The effects of substrate size, orientation, and compliance upon prosimian arboreal quadrupedalism, \$11,298. *National Science Foundation*.
- Suarez, S.** (2000) Spatio-temporal foraging skills of *Ateles belzebuth* in Ecuador, \$11,000. *The Leakey Foundation*, San Francisco, CA.
- Welch, A.** (2000) Grants-in-Aid of Research, \$800.00. *Sigma Xi, the Scientific Research Society*, Research Triangle Park, NC.
- Welch, A.** (2000) Research Support, \$200.00. *SUNY at Stony Brook IDPAS Executive Committee*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Heesy, C.P.** (in press) Evolution of orbit orientation in mammals and the functional significance of the primate postorbital bar (abstract). *Journal of Morphology*.

- Ratsimbazafy, Jonah**, Ramarosandratana V.H., and Zaonarivelo J.R. (2001/in review) How do black-and-white ruffed lemurs still survive in a highly disturbed environment. *Lemur News* 6.
- Stevens, N.J.** (in press) The effects of substrate orientation upon quadrupedal walking in *Loris tardigradus* (abstract). *J. Vert. Morph. Suppl.*
- Stevenson, P.R.** (2001) The Relationship between fruit production and primate abundance in Neotropical forests. *Biological Journal of the Linnean Society* 72(1): 161-178.
- Stevenson, P.R.** (2000) Seed Dispersal by Woolly Monkeys (*Lagothrix lagothricha*) at Tinigua National Park, Colombia: Dispersal Distance, Germination Rates, and Dispersal Quantity. *American Journal of Primatology* 50(4): 275-289.

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

- Marean, C.W., **Abe, Y.**, Nilssen, P., and E. Stone. (2001/in press) Estimating the Minimum Number of Skeletal Elements (MNE) in Zooarchaeology: A Review and a New Image-Analysis GIS Approach. *American Antiquity*.
- Becker, M.L., **Cole, Jennifer M.**, Rasbury, E.T., Pedone, V.A., Montañez, I.P., Hanson, G.N. (2001) Cyclic variations of uranium concentrations and oxygen isotopes in tufa from the middle Miocene Barstow Formation, Mojave Desert, California. *Geology* 29(2): 139-142.
- Delanty, M.M.** and Ross, C.F. (2000) The Phylogenetic Position of *Tarsius*: A Total Evidence Approach. *Journal of Vertebrate Paleontology, supplement*.
- Heesy, C.P.**, Fajardo, R.J., and Fleagle, J.G. (2001) Size distributions of living and fossil primate faunas. *American Journal of Physical Anthropology, Supplement* 32: 78.
- Heesy, C.P.**, and Ross, C.F. (2001) Evolution of activity patterns and chromatic vision in primates: Morphometrics, genetics and cladistics. *Journal of Human Evolution* 40: 111-149.
- Heesy, C.P.**, and Hill, R.V. (in press) Paleoanthropology at the Pyramid of the Sun. *Evolutionary Anthropology*.
- Stumpff, R.M., Polk, J.D., Oates, J.F., Jungers, W.L., **Heesy, C.P.**, Groves, C.P., and Fleagle, J.G. (in press) Patterns of diversity in gorilla cranial morphology. In *Gorilla Biology: A Multidisciplinary Perspective*. Taylor, A. and Goldsmith, M., Eds. Cambridge: Cambridge University Press.
- Irwin, Mitchell T.**, Smith, Tanya M., Wright, Patricia C. (2000) Census of three eastern rainforest sites north of Ranomafana National Park: Preliminary results and implications for lemur conservation. *Lemur News* 5: 20-22.
- Irwin, Mitchell T.**, Samonds, Karen (submitted) Range extension of the Madagascar Red Owl (*Tyto soumagnei*) in Madagascar: The case of a rare, widespread species? *Ibis*.
- Barnett, A.A., Shapely, B., Lehman, S., **Mayor, M.**, Henry, E., Benjmain, P., McGarrill, M., Nagala, R. (2000) Primate records from the Potaro Plateau, Western Guyana, including the first for *Cebus albifrons*. *Neotropical Primates Vol 1*: pp.35.
- Polk, J.D.**, Demes, B., Jungers, W.L., Heinrich, R.E., Biknevicius, A.R., and Runestad, J.A. (2000) A comparison of primate, carnivoran and rodent limb bone cross-sectional properties: Are primates really unique? *Journal of Human Evolution* 39: 297-325.
- Smith, T.M.**, Martin, L.B., de Bonis, L., and Koufos, G.D. (2001) Dental development in *Graecopithecus freybergi* (*Ouranopithecus macedoniensis*). *Am. J. phys. Anthropology, Suppl.* 32: pp. 140.
- Stevens, N.J.**, and **Heesy, C.P.** (2000) Biogeographic Origins of Primate Higher Taxa (abstract). *J. Vert. Paleo. Suppl.*, 20 (3 suppl.): pp. 71A.

ANTHROPOLOGICAL SCIENCES

- Robbins, L.H., M.L. Murphy, G.A. Brook, A.H. Ivester, A.C. Campbell, R.G. Klein, A.S. Brooks, J. Kokis, K.A. Haberyan, R. Milo, K.M. Stewart, D.G. Matthiesen, A.J. Winkler, **Stevens, N.J.** (2000) Archaeology, Paleoenvironment and Chronology of the Tsodilo Hills White Paintings Rock Shelter: Northwest Kalahari Desert, Botswana. *J. Arch. Sci.* 27: pp. 1085-1113.
- Stevens, N.J.**, Demes, B., and Larson, S.G. (2001) The effects of branch compliance upon quadrupedal walking in *Loris tardigradus* (abstract). *Am. J. Phys. Anthropol., Suppl.* 32: pp. 142.
- Stevenson, P.R.**, and Castellanos, M.C. (2001) Feeding Rates and Daily Path Range of Colombian Woolly Monkeys as Evidence for Between and Within Group Competition. *Folia Primatologica*, 71(6): 399-408.
- Stevenson, P.R.**, Quiñones, M.J., and Ahumada, J.A. (2000) The relationship between temporal variation in fruit abundance and ecological overlap among four neotropical primates in Colombia. *Biotropica* 32(3): 533-544.
- Stevenson, P.R.**, Quiñones, M.J., and Castellanos, M.C. (2000) Guía de Frutos de los Bosques del Río Duda, Macarena, Colombia. Asociación Para la Defensa de La Macarena. *IUCN*: p.467. Bogotá: Colombia.
- Welch, A.**, Loudon, J.E., and Fuentes, A. (2001) Male Sexual Strategies in a Semi-Free Ranging Group of Long-Tailed Macaques (*Macaca fascicularis*). *American Journal of Physical Anthropology Vol. (supplement 32)*: pp. 163.

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

- Marean, C. W., **Abe, Y.**, and P. Nilssen. (2001) Quantifying the frequency of cutmarking in Stone Age faunas. *Society of American Archaeology Annual Meeting, Paleolithic Zooarchaeology: Paleoenvironments, Methods, and Case Studies from Across the Globe*. New Orleans, LA.
- Arrigo-Nelson, S.J.**, Wright, P., and Altman, J. (2001) Patterns of agonistic behavior in Milne-Edwards' sifakas (*Propithecus diadema edwardsi*): An age-sex analysis. *American Association of Physical Anthropologists' Annual Meeting*. Kansas City, MO.
- Cole, Jennifer M.**, Rasbury, E. T., Hanson, G. N., and Ashley, G. M. (2001) Evaluating the effect of initial isotopic disequilibrium on U-Pb ages of Quaternary sedimentary carbonates from Olduvai Gorge, Tanzania. *11th Annual V.M.Goldschmidt Conference*. Hot Springs, VA.
- Coleman, M.** (2001) Middle ear morphology in primates and its relationship to hearing. *The American Association of Physical Anthropologists Annual Conference*. Kansas City, MO.
- Hirsch, B.** (2001) Costs and benefits of spatial position in primates: The feeding competition model. *Annual Meeting of the American Association of Physical Anthropologists*. Kansas City, MO.
- Heesy, C.P.**, and Ross, C.F. (2001) The case for the diurnal origin of anthropoids. Paper presented at the symposium, *Anthropoid Origins*. Powdermill Nature Reserve, Carnegie Museum of Natural History, Pittsburgh.
- Ross, C.F., and **Heesy, C.P.** (2001) Reconstructing the evolution of activity pattern and chromacy in primates. Paper presented at the conference: *The Importance of Colour Vision to Foraging Strategies of Primates: Relationship of Physicochemical Properties of Foods to Feeding Decisions*. Department of Anatomy, The University of Hong Kong.
- Irwin, Mitchell T.**, Johnson, Steig E., and Wright, Patricia C. (2001) Lemur conservation in southeast Madagascar: Population assessments using surveys, satellite imagery and G.I.S. *Society for Conservation Biology, Annual Meeting*, Hilo, Hawaii.
- Ratsimbazafy, Jonah.** (2001) Managing from recovery catastrophic habitat reduction. *Case of Manombo Forest Symposium: 17th International Primatological Society*. Adelaide, Australia.

- Merwin, D.** (2001) Underwater Archaeology in Cyberia: Internet Tools for the Undergraduate Class. *The Society for Historical Archaeology Conference on Historical and Underwater Archaeology*. Long Beach, CA.
- Polk, J.D.** (2001) The influences of body size and body proportions on primate quadrupedal locomotion. *International Congress on Vertebrate Morphology-6*. Jena, Germany.
- Shah, N.** (2000) Foraging strategies of agile and grey-cheeked mangabeys. *18th Congress of the International Primatological Society*. Adelaide, Australia.
- Shah, N.** (2001) Ranging and habitat use of sympatric agile and grey-cheeked mangabeys (*Cercocebus agilis* and *Lophocebus albigena*) in the Dzanga-Ndoki National Park, Central African Republic. *70th Meeting of the American Association of Physical Anthropologists*. Kansas City, MO.
- Shah, N.** and Fleagle, J.G. (2000) Workshop on New Research on Mangabeys, Drills and Mandrills. *18th Congress of the International Primatological Society*. Adelaide, Australia.
- Smith, T.M.,** Martin, L.B., de Bonis, L., and Koufos, G.D. (2001) Dental development in *Graecopithecus freybergi* (*Ouranopithecus macedoniensis*). *70th Annual Meeting of the American Association of Physical Anthropologists*. Kansas City, MO.
- Stevens, N.J.** and **Heesy, C.P.** (2000) Biogeographic Origins of Primate Higher Taxa. Poster presented at the *Society of Vertebrate Paleontologists Meetings*. Mexico City, Mexico.
- Stevens, N.J.** (2001) Workshop Participant in program funded by the National Science Foundation Focus On Reaching Women for Academics, Research and Development in Science, Engineering, and Mathematics. *FORWARD in Science, Engineering and Mathematics*. Washington D.C.
- Stevens, N.J.,** B. Demes, and S.G. Larson (2001) The effects of branch compliance upon quadrupedal walking in *Loris tardigradus*. Poster presented at the *American Association of Physical Anthropologists Meetings*. Kansas City, MO.
- Stevens, N.J.** (in press 2001) The effects of substrate orientation upon quadrupedal walking in *Loris tardigradus*. Paper to be presented at the *International Congress of Vertebrate Morphologists Meetings*. Jena, Germany.
- Stevenson, P.R.** and **Castellanos, M.C.** (2001) New evidence for large variation in daily path length related to differences in habitat quality in troops of Colombian woolly monkeys, *Lagothrix lagothricha*. *XVIIIth Congress of the International Primatological Society*. Adelaide, Australia.
- Janson, C.H.** and **Stevenson, P.R.** (2001) Primate biomass and seasonal food production. *XVIIIth Congress of the International Primatological Society*. Adelaide, Australia.
- Suarez, S.** (2001) Quantifying fission-fusion and social dynamics in free-ranging spider monkeys (*Ateles belzebuth belzebuth*). *American Association of Physical Anthropology*. Kansas City, Missouri
- Suarez, S.** (2001) Feeding patch choice in free-ranging *Ateles belzebuth belzebuth*: Implications for cognitive foraging skills. *American Society of Primatologists*. Savannah, GA.
- Welch, A.,** Loudon, J.E., and Fuentes, A. (2001) Monkey Business: Aggression, Infants, Sexual Access, and Spacing in Long-Tailed Macaques. *American Association of Physical Anthropologists*. Poster Session 2: *Primates I, Behavior and Ecology*. Kansas City, MO.

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

- Polk, J.D.** (2001) Post-Doctoral Research Fellow. Department of Anthropology, *The George Washington University*, Washington, DC
- Stevenson, P.R.** (2001) Professor. Departamento de Ciencias Biológicas, *Universidad de Los Andes*, Bogotá, Colombia.

ANTHROPOLOGICAL SCIENCES

❖ Exhibitions/Performances

Stevens, N.J. (February 2001) *Ambatolahy: Life at the edge of the rainforest, southeastern Madagascar*. Photographic exhibit at *Tiger Lily Café*, Port Jefferson, NY.

Stevens, N.J. (Spring 2001) School of Health Technology and Management Photo Contest: Honorable Mentions. *SUNY at Stony Brook*, Stony Brook, NY.

Stevens, N.J. (April, 2001) Shirley Strum Kenny Arts Festival Participant. *SUNY at Stony Brook*, Stony Brook, NY.

Stevens, N.J. (June 2001) *Reflections on 4000 years in the Sahara*. Photographic exhibit at *Tiger Lily Café*, Port Jefferson, NY.

❖ Other

Stevens, N.J. (June 1999-present) Assistant Director of Women in Science and Engineering. *SUNY at Stony Brook*, Stony Brook, NY.

ART

GRADUATE DIRECTOR: MICHELE BOGART
DEPARTMENT CHAIR: JAMES RUBIN

❖ Grants, Fellowships, and Awards

Baker, Melanie. (2001) Dorothy L. Pieper Memorial Purchase Prize. *SUNY at Stony Brook Stony, Brook, NY.*

Seo, Ji-Hyun. (2001) Vermont Studio Art Residency Fellowship. *Vermont Studio Center, VT.*

❖ Singly Authored Publications/Research Reports/Reviews

Miller, Keith. (2001) The Self and the Other. The Other Self, web catalog
<http://emedia.art.sunysb.edu/theself>.

Miller, Keith. (2001) Ruth Pastine (Jan- Feb), and Tim Hawkinson (Mar-Apr). *Artpaper.*

Miller, Keith. (2001) Journalistic Criticism: Popular entertainment or populist critique. *Art Criticism.*

Miller, Keith. (2000) Karin Sanders, and Ruth Pastine. *Artpaper.*

Miller, Keith. (2000) Attila Lukacs, and Postales de Nueva York (Postcards from New York). *Replica21.*

Oehlich, Kristen. (Forthcoming) From Diagnoses to Decadence: A Brief History of Hysteria. *Art Criticism.*

Swenson, Kirsten. (2001) Broken Down and Running Fine: The Dadaist Machine Drawings of Eva Hesse. *Rutgers Art Review, Vol.19.*

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

Miller, Keith. (2000) Realism: Gustave Courbet to Jerry Springer. Paper presented at the *Northeast Popular Culture and American Studies (NEPCA) conference.* University of Springfield, Springfield, MA.

Swenson, Kirsten. (2000) Revising the Textbook: Eva Hesse' Machine Drawings. *Barnard College Feminist Art History Conference.* New York, NY.

Swenson, Kirsten. (2001) Performing Objects and Still Performances: Breakdown and Longevity in the Art of Jean Tinguely and Eva Hesse. *Confusion: Disorientation and Synthesis.* University of Chicago Art History Conference. Chicago, IL.

❖ Exhibitions/Performances

Cutler, Jody. (2001) School of Art and Design Biennial Faculty Exhibition. *Edwin A. Ulrich Museum,* Wichita State University, Wichita, KS.

Miller, Keith. (2000) Confessions. *Graduate Gallery, Melville Library,* Stony Brook, NY.

Miller, Keith. (2000) Paintings. *Graduate Gallery, Melville Library,* Stony Brook, NY.

Miller, Keith. (2001) MFA Thesis show. *Staller Center for the Arts,* Stony Brook, NY.

Oehlich, Kristen. (2000) Lead role in the film "Technology." *Various locations,* Buffalo, NY.

ART

Oehlrich, Kristen. (2001) The Civil Rights Movement on Long Island. *Department of Special Collections, Melville Library, SUNY at Stony Brook, NY.*

Seo, Ji-Hyun (w/group). (2001) Brush Stokes : In Celebration of Asian Heritage Month, Four of A Kind. *Union gallery, SUNY at Stony Brook, Stony Brook, NY.*

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

Cutler, Jody. (2000-2001) Assistant Professor. Art History, Modern and Contemporary Art, *Wichita State University, Wichita, KS.*

Levitov, K. (2000) Assistant Curator of Fine Arts. *The Jewish Museum, New York, NY.*

❖ **Curatorial Appointments**

Mirzoeff, N. and **Levitov, K.** (2000) Intersecting Identities: Jewishness at the Crossroads. *University Art Gallery, Staller Center for the Arts, Stony Brook, NY.*

Levitov, K., Klein, M., Ingall, A., and Ruby, S. (2001) Voice, Image, Gesture: Selections from The Jewish Museum's Collection, 1945-2000. *The Jewish Museum, New York, NY.*

Miller, Keith. (2001) The other self. *Curator Gallery North, Setauket, NY.*

❖ **Other**

Oehlrich, Kristen. (2001) Judge. Commuter Students Photography Exhibition. *SUNY at Stony Brook, NY.*

APPLIED MATHEMATICS AND STATISTICS

GRADUATE DIRECTOR: WOO JONG KIM
DEPARTMENT CHAIR: JAMES GLIMM

❖ Grants, Fellowships, and Awards

Mancuso, J.Y. (2001) Van Ryzin Award and Travel Prize for the Best Paper. The *International Biometric Society's Eastern North American Region (ENAR)*, Reston, VA.

❖ Jointly Authored Publications/Research Reports/Reviews

Chang, J.Y., Ahn, H., and Chen, J.J. (2000) On Sequential Closed Testing Procedures for a Comparison of Dose Groups with a Control. *Communications in Statistics: Theory and Methods* 29: 941-956.

Glimm, J., Grove, J., Zhang, Y., **Dutta, S.**, (2001/in press) Azimuthal Asymmetry and Spherical Mixing in Axisymmetric Instability. *Journal of Statistical Physics*.

Koh, I.Y.Y., Lindquist, W.B., Zito, K., Nimchinsky, E.A., Svoboda, K. (2001/in press) An Algorithm for the Fine Structure of Neuronal Dendrites. *Neural Computation*.

Glimm, J., Hou, S., **Lee, Y.**, Sharp, D. (2001/in press) Prediction of Oil Production With Confidence intervals. *Society of Petroleum Engineers Inc.*

Mancuso, J.Y., Ahn, H, Chen, J.J., (2001/in press) Order-Restricted Dose-Related Trend Tests. *Statistics in Medicine*.

Suh, Y.J., Finch, S.J., Mendell, N.R., (2001/in press) Application of a Bayesian Method for Optimal Subset Regression to Linkage Analysis of Q1 and Q2. *Genetic Epidemiology*.

Yang, H., Lindquist, W.B. (2000/in press) Three-dimensional image analysis of fibrous materials. Applications of Digital Image Processing. *SPIE Proceedings series, SPIE*.

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

Mancuso, J.Y. (2001) Order-Restricted Dose-Related Trend Tests with an Age Adjustment, *the 2001 Spring Meeting of the International Biometric Society's Eastern North American Region (ENAR)*. Charlotte, NC.

BIOMEDICAL ENGINEERING

GRADUATE DIRECTOR: PARTAP KHALSA
DEPARTMENT CHAIR: CLINTON T. RUBIN

❖ Jointly Authored Publications/Research Reports/Reviews

- McLeod, K., **Collison, T.**, and Laramée, C. (submitted 2001) Association of Breast Cancer Risk with Iron Levels in Domestic Water Supply sources. *Environmental Health Perspectives*.
- Gaudette, G.R.**, Krukenkamp, I.B., Saltman, A., Horimoto, H., Levitsky, S. (2000) Preconditioning with PKC and the ATP sensitive potassium channels: A Co-dependent relationship. *Annals of Thoracic Surgery* 70: 602-608.
- Gaudette, G.R.**, Todaro, J., Guan, E., Krukenkamp, I.B., Chiang, F.P. (2000) Using Computer aided speckle interferometry to measure deformation in the non-beating perfused rabbit heart. *ASME 2000 Advances in Bioengineering Vol. 48*, 125-26.
- Saltman, A.E., Krukenkamp, I.B., **Gaudette, G.R.**, Horimoto, H., Levitsky, S. (2000) The electrophysical and mechanical consequences of pharmacological preconditioning with the ATP sensitive potassium channel opener pinacidil. *Annals of Thoracic Surgery* 70: 595-601.
- Horimoto, H., **Gaudette, G.R.**, Saltman, A.E., Krukenkamp, I.B. (2000) The role of nitric oxide K⁺ATP channels and cGMP in the preconditioning response of the rabbit. *Journal of Surgical Research* 92: 56-63.
- Saltman, A.E., **Gaudette, G.R.**, Levitsky, S., Krukenkamp, I.B. (2000) Amrinone preconditioning in the isolated perfused rabbit heart. *Annals of Thoracic Surgery* 70: 609-613.
- Matsuyama, N., Leavens, J.E., McKinnon, D., **Gaudette, G.R.**, Akshirli, T.O., Krukenkamp, I.B. (2000) Ischemic but not pharmacological preconditioning requires protein synthesis. *Circulation* 2000, 102: II312-II318.
- Saltman, A.E., Chandy, J., **Gaudette, G.R.**, Murtha, J., Krukenkamp, I.B. (2000) The topical application of anti-inflammatory drugs prevents postoperative atrial fibrillation in a canine model. *Surgical Forum* 51: 76-78.
- Horimoto, H., Krukenkamp, I.B., Saltman, A.E., **Gaudette, G.R.**, Levitsky, S. (in press) Nicorandil exerts myocardial preconditioning by opening mitochondrial rather than sarcolemmal ATP-dependent potassium channel. *International Journal of Surgical Investigation*.
- Gaudette, G.R.**, Todaro, J., Chiang, F.P., Krukenkamp, I.B. (2000) Assessing ventricular mechanics with computer aided speckle interferometry. *Annals of Biomedical Engineering* 28: S58.
- Mieno, S., Horimoto, H., Sawa, Y., Nakai, Y., Nakahara, K., **Gaudette, G.R.**, Krukenkamp, I.B. (2000) Ischemic Preconditioning on failed heart does not afford myoprotection due to down regulation of Beta-adrenergic receptor. *Circulation*, 102: II580.
- Tracz, M., **Gaudette, G.R.**, Shulimovich, M., Murtha, J., Matsuyama, N., Krukenkamp, I.B. (2000) Bcl-2 expression is unregulated in ischemic preconditioning. *Circulation* 2000, 102: II581.

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

- Collison T.**, McLeod, K., and Laramée, C. (2001) Metla Ion (Fe²⁺ and Fe³⁺) Influences On Extracellular Matrix Formation. *Bioelectromagnetics Society Annual Meeting*. St. Paul, MN.

Gaudette, G.R. (2000) Using Computer aided speckle interferometry to measure deformation in the non-beating perfused rabbit heart. *International Mechanical Engineering Congress and Exposition*. Orlando, FL.

Gaudette, G.R. (2000) Assessing ventricular mechanics with computer aided speckle interferometry. *Biomedical Engineering Society 2000 Annual Fall Meeting*. Seattle, WA.

CHEMISTRY

GRADUATE DIRECTOR: PETER TONGE
DEPARTMENT CHAIR: IWAO OJIMA

❖ Grants, Fellowships, and Awards

- Liang, D.** (2000) Excellence in Research award. *SUNY Chapter of Sigma Xi*, Stony Brook, NY.
- Liang, D.** (2001) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.
- Liang, D.** (2001) Travel Award for HPCE. *California Separation Science Society (CaSSS)*, Boston, MA.
- Tripathi, Akhilesh.** (2000) Pauling Prize for best poster presentation. *ACA*, St Paul, MN.
- Tripathi, Akhilesh.** (2000) Peggy Etter Award for best abstract. St Paul, MN.

❖ Jointly Authored Publications/Research Reports/Reviews

- Ojima, I., Lin, S., Inoue, T.I., Miller, M.L., **Borella, C.P.**, Geng, X., Walsh, J.J. (2000) Macrocyclic Formation by Ring-Closing Metathesis. Application to the Syntheses of Novel Macrocyclic Taxoids. *J. Am. Chem. Soc.* 122(22): 5343-5353.
- Fu, B.X.**, Zhang, W., Hsiao, B.S., Rafailovich, Sokolov, J., Johansson, G., Sauer B., Phillips, S., Blanski, R. (2000) Synthesis and characterization of segmented polyurethanes containing polyhedral oligomeric silsesquioxanes nanostructured molecules. *High Performance Polymer*, 12: 565.
- Fu, B.X.**, Hsiao, B.S., Pagola, S., Stephens, P., White, H., Rafailovich, Sokolov, J., M. Mather, T., Jeon, H., Phillips, S., Lichtenhan, J., Schwab J. (2000) Structural Development during Deformation of Polyurethane Containing Polyhedral Oligomeric Silsesquioxanes (POSS) Molecules. *Polymer*, 42: 599.
- Fu, B.X.**, Hsiao, B.S., White, H., Rafailovich, M. Mather, T., Jeon, H., Phillips, S., Lichtenhan, J., Schwab J. (2000) Nanoscale Reinforcement of Polyhedral Oligomeric Silsesquioxane (POSS) in Polyurethane Elastomer. *Polymer international*, 49: 437.
- Lin, S., Geng, X., Qu, C., Tynebor, R., **Gallagher, D.J.**, Pollina, E., Rutter, J., Ojima, I. (2000) Synthesis of highly potent second-generation taxoids through effective kinetic resolution coupling of racemic β -lactams with baccatins. *Chirality* 12(5/6): 431-441.
- Bonafoux, D., **Hua, Z.**, Wang, B., Ojima, I. (2000) Design and Synthesis of New Fluorinated Ligands for the Rhodium-Catalyzed Hydroformylation of Alkenes in Supercritical CO₂ and Fluorous Solvents. *J. Fluorine Chem.*
- Lee, Young Joo**, Wang, Francis, Mukerjee, Sanjeev, McBreen, James, Grey, Clare P. (2000) 6Li and 7Li Magic Angle Spinning Nuclear Magnetic Resonance and *in situ* X-ray Diffraction Studies of the Charging and Discharging of Li_xMn_{2-x}O₄ at 4 V. *Journal of the Electrochemical Society*, Vol. 147: pp. 803-812.
- Lee, Young Joo**, Grey, Clare P. (2000) 6Li MAS NMR Study of Electron Correlations, Magnetic Ordering and Stability of Lithium Manganese (III) Oxides. *Chemistry of Materials*, Vol. 12: pp. 3871-3878.
- Lee, Young Joo**, Eng, Charlotte, Grey, Clare P. (2001) 6Li Magic Angle Spinning NMR Study of the Cathode Material LiNi_xMn_{2-x}O₄: The Effect of Ni-doping on the Local Structure During Charging. *Journal of the Electrochemical Society*, Vol. 148: pp. A249-A257.
- Liang, D.**, Song, L., Quesada, M.A., Tian, Z., Studier, F.W., Chu, B. (2000) Formation of Concentration Gradient and its Application to DNA Capillary Electrophoresis. *Electrophoresis*, Vol 21: 3600.

- Zhou, S., Wan, Q., **Liang, D.**, Chu, B., Xu, P., Lai, J. (2000) Light Scattering Characterization of Poly(tetrafluoroethylene-co-perfluoro methylvinylether) Copolymer. *J. Applied Polymer Sci. Vol 77: 733*
- Liu, T., Wu, C., Xie, Y., **Liang, D.**, Zhou, S., Nace, V.M., Chu, B. (2000) Amphiphilic Triblock Copolymers: Self-Assembly, Phase Behavior, and New Applications, ACS Symp. Ser. *Associating Polymers in Aqueous Media, Vol 765: 2*. Glass, E., Ed.
- Liang, D.**, Liu, T., Song L., Chu, B. (2001) Mixed Triblock Copolymers Used as DNA Separation Medium in Capillary Electrophoresis. *J. Chromagr. A., Vol 909: 271*.
- Song, L., **Liang, D.**, Kielescawa, J., Liang, J., Tjoe, E., Fang, D., Chu, B. (2001) DNA sequencing by capillary electrophoresis using copolymers of acrylamide and N,N-dimethylacrylamide. *Electrophoresis, Vol 22: 729*.
- Liu, T., **Liang, D.**, Song, L. Nace, V.M., Chu, B. (2001) Spatial Open-Network Formed by Mixed Triblock Copolymers as New Medium for dsDNA Separation by Capillary Electrophoresis. *Electrophoresis, Vol 22: 449*.
- Chu, B., Liu, T., Wu, C., **Liang, D.** (2001) DNA Capillary Electrophoresis by Using Block Copolymer as a New Separation Medium. *Methods in Molecular Biology/Medicine Vol 162: 225*. Mitchelson, K.R., Ed.
- Song, L., **Liang, D.**, Chen, Z., Fang, D., Chu, B. (in press) DNA sequencing by capillary electrophoresis using mixtures of polyacrylamide and poly(N,N-dimethylacrylamide). *J. Chromagr. A.*
- Lightstone, J.M.**, Onasch, T.B., Imre, D., and Oatis, S. (2000) Deliquescence, efflorescence, and water activity in ammonium nitrate and mixed ammonium nitrate/succinic acid microparticles. *J. Phys. Chem. 104: 9337-9346*.
- Park, S.-H., Parise, J.B., Gies, H., **Liu, H.**, Grey, C.P., Toby, B.H. (2000) A New Porous Lithosilicate with a High Ionic Conductivity and Ion-Exchange Capacity. *J. Am. Chem. Soc., Vol. 122: 11023-11024*.
- Parukuttyamma, S.D., Margolis, J., **Liu, H.**, Parise, J.B., Grey, C.P., Sampath, S., Gouma, P., Herman, H. (in press 2000) Deposition and Characterization of $Y_3Al_5O_{12}$ (YAG) Films and Powders by Plasma Spray Synthesis. *Proceedings of MRS Conference 2000*. Boston, MA.
- Liu, H.**, Sullivan, R.M., Hanson, J.C., Grey, C.P., Martin, J.D. (2001) Kinetics and Mechanism of the β - to α - $CuAlCl_4$ Phase Transition: A Time-Resolved ^{63}Cu MAS NMR and Powder X-Ray Diffraction Study. *J. Am. Chem. Soc.* (Submitted).
- Park, S.-H., **Liu, H.**, Grey, C.P., Kleinsorge, M., Toby, B.H., Parise, J.B. (submitted 2001) [Li-Si-O]-MFI: A New Microporous Lithosilicate with the MFI Topology, *J. Am. Chem. Soc.*
- Parukuttyamma, S.D., Margolis, J., **Liu, H.**, Grey, C.P., Sampath, S., Herman, H., Parise, J.B. (submitted 2000) Yttrium Aluminum Garnet (YAG) Films Through A Precursor Plasma Spraying Technique. *J. Am. Ceram. Soc.*
- Paik, Younkee**, Lee, Y.J., Wang, F., Bowden, W., Grey, C.P. (2000/in press) 7Li MAS NMR Studies of Lithiated Manganese Dioxide Tunnel Structures: Pyrolusite and Ramsdellite. *MRS 2000 Fall Meeting Proceedings, Vol. 658*.
- Lin, S., Geng X., **Qu, C.**, Tynebor, R., Gallagher, D., Pollina, E., Rutter, J., and Ojima, I. (2000) Synthesis of Highly Potent Second-Generation Taxoids Through Effective Kinetic Resolution Coupling of Racemic beta-Lactams with Baccatins. *Chirality, 12: 431-441*.
- Lee, Y.J., Parise, J.B., **Tripathi, Akhilesh**, Kim, S.J., and Vogt, T. (2000) Synthesis and Crystal Structures of Gallium- and Germanium-Variants of Cancrinite. *Microporous and Mesoporous Materials, 39(3): 445-455*.

CHEMISTRY

- Tripathi, Akhilesh**, Parise, J.B., Kim, S.J., Lee, Y.J., Johnson, G.M. and Uh, Y.S. (2000) Structural Changes in the Na- and K- form of Aluminogermanate GIS Induced by Cation Site Ordering. *Chem. Mater.* 12: 3760-3769.
- Reisner, B.A., **Tripathi, Akhilesh**, Parise, J.B. (2001) Na₈[Zn₄Ge₈O₁₈(OH)₁₂]-2H₂O: An Interrupted-Framework Zincogermanate Built from [GeO₃(OH)] and [Ge₂(OH)₂] units. *J. Mater. Chem.* 11: 887-890.
- Nyman, M., **Tripathi, Akhilesh**, Parise, J.B., Maxwell, R.S., Harrison, W.T.A., and Nenoff, T.M. (2001) A New Family of Octahedral Molecular Sieves: Sodium Ti/Zr^{IV} Niobates. *J. Am. Chem. Soc.* 123: 1529-1530.
- Toby, B.H., Corbin, D.R., Dartt, C.B., Davis, M.E., Freitag, A., Gies, H., Grey, C.P., Hanson, J.C., Johnson, G.M., Jones, G. Kahlenberg, V., Khosrovani, N. Larese, J.Z., Lee, V, Liu, H. Parise, J.B., Park, S.-H., Reisner, B.A., **Tripathi, Akhilesh**. (2000) Structural Studies of Zeolitic Materials with the NIST BT-1 Neutron Powder Diffractometer. *Neutron Diffraction News, NIST*.

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

- Borella, C.P.**, Tynebor, R., Sturm, M., Ojima, I., Pera, P., Bernacki, R.J. (2001) Synthesis and SAR of advanced second generation taxoids. *Am. Chem. Soc. National Meeting*. San Diego, CA.
- Borella, C.P.**, Sturm, M., Ojima, I., Pera, P., Bernacki, R.J. (2001) Synthesis and SAR of new taxane reversal agents. *Am. Chem. Soc. National Meeting*. San Diego, CA.
- Geng, X., **Borella, C.P.**, Li, D., Lin, S., Pera, P., Bernacki, R.J., Ojima, I. Design and synthesis of de novo macrocyclic hybrids as potential anticancer agents. *Am. Chem. Soc. National Meeting*. San Diego, CA.
- Gallagher, D.J.**, Qu, C., Pera, P., Bernacki, R.J., Ojima, I. (2001) Synthesis and biological activity of 3'N modified advanced second-generation taxoids. *221st ACS National Meeting, MEDI-129*. San Diego, CA.
- Lin, S., **Geng, X.**, Qu, C., Tynebor, R., Gallagher, D., and Ojima, I. (2000) Synthesis of highly potent second-generation taxoids through effective kinetic resolution coupling of racemic β-lactams with baccatins. *Am. Chem. Soc., 220th*: p. ORGN-061. Washington D.C.
- Wang, T., Lin, S., Wu, X., **Geng, X.**, and Ojima, I. (2000) New and efficient routes to amino/aza-sugars and their derivatives. *Am. Chem. Soc. 220th*: ORGN-066. Washington D.C.
- Geng, X.**, Miller, M.L., Lin, S., Pera, P., Bernacki, R.J., and Ojima, I. (2000) Design and synthesis of novel macrocycle-constrained taxoids. *Abstr. Pap. Am. Chem. Soc., 2000. 220th*: p. ORGN-445. Washington D.C.
- Wang, T., Lin, S., Wu, X., **Geng, X.**, and Ojima, I. (2001) Synthesis of amino/aza-sugars and their derivatives through efficient ring expansion of β-lactams. *Am. Chem. Soc., 221st*: p. CARB-057. San Diego, CA.
- Geng, X.**, Borella, C.P., Li, D., Lin, S., Pera, P., Bernacki, R.J., and Ojima, I. (2001) Design and synthesis of de novo macrocyclic hybrids as potential anticancer agents. *Am. Chem. Soc. 221st*: p. MEDI-130. San Diego, CA.
- Hua, Z.**, Mizutani, N., Zhang, P, Ojima, I. (2001) Enantioselective Desymmetrization of Aminodienes and Hydroxydienes via Chiral Rh Complex-Catalyzed Cyclohydrocarbonylation. *221st ACS national meeting*. San Diego, CA.
- Kim, Namjun**, and Grey, C.P. (2000) Investigations of Bismuth Vanadates by Using ⁵¹V and ¹⁷O Solid State NMR. *42nd Rocky Mountain Conference on Analytical Chemistry*. Broomfield, CO.

- Lee, Young Joo**, Eng, Charlotte, Grey, Clare P. (2000) The Application of ^6Li NMR to Study Lithium Manganese Oxides. *Meeting of The Electrochemical Society, 198th Oral presentation in Rechargeable Lithium Batteries Session*. Phoenix, Arizona.
- Liang, D.** Liu, T. Song, L. Chu, B. (2001) Mixed Triblock Copolymers used as DNA Separation Medium in Capillary Electrophoresis. *14th International Symposium on Microscale Separations and Analysis (HPCE2001)*. Boston, MA.
- Onasch, T., Xu, J., **Lightstone, J.M.**, and Imre, D. (2000) Laboratory studies of the composition and phase of atmospherically relevant single aerosol particles. *Chesapeake Biological Laboratory*. Solomons, MD.
- Onasch, T.B., **Lightstone, J.M.**, and Imre, D. (2000) Thermodynamic and kinetic effects of dicarboxylic acids on inorganic salt particles. *American Geophysical Union Annual Meeting*. San Francisco, CA.
- Grey, C.P., Chupas, P., **Liu, H.**, Lim, K.H., Hanson, J.C. (2001) Solid State NMR and in situ X-Ray Diffraction Studies of Molecular Sieves and Aluminas: Gas Sorption and Catalyst Activation. *Book of Abstract, 221st ACS National Meeting*. San Diego, CA.
- Liu, H.**, Grey, C.P., Martin, J.D., Sullivan, R.M, Hanson, J.C. (2000) Studies on Phase Transition of and Gas Sorption on CuAlCl_4 Molecular Sieves by Time-Resolved SS NMR and XRD. *The 4th Meeting of North-East Corridor Zeolite Association*. Philadelphia, PA.
- Tripathi, Akhilesh** and Parise, J.B. (2000) Microcrystallography at Synchrotron Sources. *North East Corridor Zeolite Conference (NECZA)*. University of Pennsylvania, Philadelphia, PA.
- Nenoff, T.M., Nyman, M., **Tripathi, Akhilesh**, Parise. (2000) A new class of NA/nb/Nb/X/O microporous and perovskite phases. *Abstract submission, Material Research Symposium (MRS)*. Boston, MA.
- Wang, Tao, Lin, Songnian, **Wu, Xinyuan**, Geng, Xudong, Ojima, Iwao. (2001) Synthesis of amino/aza-sugars and their derivatives through efficient ring expansion of beta-lactams. *Am. Chem. Soc. Meeting 221st presentation CARB-057*. Dan Diego, CA.
- Wang, Tao, Lin, Songnian, **Wu, Xinyuan**, Geng, Xudong, Ojima, Iwao. (2000) New and efficient routes to amino/aza-sugars and their derivatives. *Am. Chem. Soc. 220th presentation ORGN-066*. Washington D.C.

❖ Post-Doctorates and Professional Appointments

- Lee, Young Joo**. (2001) Chemist Post-Doctoral Fellow. Chemical Engineering Department, *University of California, Berkeley and Lawrence Berkeley National Laboratory*, Berkeley, CA.

COMPARATIVE LITERATURE

GRADUATE DIRECTOR: ILONA RASHKOW
DEPARTMENT CHAIR: KRIN GABBARD

❖ Grants, Fellowships, and Awards

- Andrade, María M.** (2001) Summer Doctoral Fellowship, \$3,000. *Washington State University*, Pullman, WA.
- Kendall, Stuart.** (2001) The Mildred and Herbert Weisinger Dissertation Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Raychaudhuri, Sumana.** (2001) The Gertrude Blumenthal Kasbekar Fellowship. *The Nation Institute*, New York, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Andrade, María M.** (Forthcoming, Spring 2001) Latin America's Solitude: García Márquez Reviewed in English. *Translation Review*, Vol. 60.
- Andrade, María M.** (Forthcoming) La ciudad fragmentada: una lectura de las novelas del Bogotazo. Ediciones Inti: Cranston, RI.
- Andrade, María M.** (2000) La ciudad y la nación en las novelas del Bogotazo. *Literatura y cultura, literatura colombiana del siglo XX, Vol. II*: pp. 184-213. Osorio, Betty, Ed. Bogotá: Ministerio de Cultura
- Andrade, María M.** (Forthcoming, 2001) Tres poemas. *Hispanic Culture Review*, Vol. VII, No. 1-2. Fairfax, VA.
- Andrade, María M.** (2000) Hashish. *Revista Valdez*, No. 4: p. 140. Bogotá, Colombia.
- Ogi, Fusami.** (2000) Early Feminist Struggle with Language: Why Do Women Write? *BULLETIN of the International Cultural Research Institute of Chikushi Jogakuen University / Junior College*, Vol. 11: pp: 49-58.
- Ogi, Fusami.** (2001) Gender Insubordination in Japanese Comics (Manga) for Girls. *Illustrating Asia*. John A. Lent, Ed. Consumasian.
- Raychaudhuri, Sumana.** (2001) Behind Mount Rushdie. Book review of Amit Chaudhuri's "A New World." *The Nation*, pp. 31-35.
- Raychaudhuri, Sumana.** (2001) Centuries of Benevolence Fall Victim to the Blind. *Op-ed. Los Angeles Times*: B9.

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

- Andrade, María M.** (2000) Bohemians and Dandies in Nineteenth-Century Colombia. *Comparative Literature Colloquium*. SUNY at Stony Brook, NY.
- Andrade, María M.** (2001). Using Theory in Introductory Literature Courses. "Teaching Literature" Conference. Rutgers University, New Brunswick, NJ.
- Marderness, William A.** (2001) Repeatable Beginnings: Eliade's Myth as a Semiological System. *International Association for Philosophy and Literature*. Spelman College, Atlanta, GA.

- Ogi, Fusami**, and Yoshihara, Yukari, as joint participation fellow. (6/2000) Shoujo Manga and Gender. Public Lecture Series at *Chikushi Jogakuen University/ Junior College*. Fukuoka, Japan.
- Ogi, Fusami**. (6/2000) Comics, Shoujo Manga, and Gender. *Introducing Gender Studies*: Public Lecture Series at Fukuoka Women's Center. Fukuoka, Japan.
- Ogi, Fusami**. (7/2000) Reversing "Orientalism" in Shoujo Manga (Japanese Comics for Girls). *The International Association for Media and Communication Research 2000 Conference: Communication Beyond 2000: Technology, Industry and the Citizen in the Age of Globalization*. Singapore.
- Ogi, Fusami**. (7/2000) Parodying or Reinscribing?: Shoujo Manga's (Comics for Girls') Transgression, Visually and Literally. *The International Society for Humor Studies*. Osaka, Japan.
- Ogi, Fusami**. (7/2000) Momo Taro No Return. Public Lecture Series: *Introducing Gender Studies at Kurume Working Women's Center*. Kurume, Japan.
- Ogi, Fusami**. (8/2000) Gender Representations in Comics and Manga. Workshop of High School Teachers' *Union of Fukuoka Prefecture*. Fukuoka, Japan.
- Ogi, Fusami**. (4/2001) Beyond Shoujo, Blending Gender: Subverting the Homogendered World in Shoujo Manga. *31st Popular Culture Association and 23rd American Culture Association Annual Conference*. Philadelphia, PA.
- Ogi, Fusami**. (8/2001) Presenting Taboo Subjects: Multiplicity in Shoujo Manga [Japanese Comics for Girls]. *8th International Popular Culture Conference*. Cambridge, England.

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

- Andrade, María M.** (Fall 2001) Assistant Professor. Department of Modern Languages and Literature. *Lehigh University*, Bethlehem, PA.
- Raychaudhuri, Sumana.** (2000) The Nation Internship. *The Nation*, New York, NY.

COMPUTER SCIENCE

GRADUATE DIRECTOR: MICHAEL KIFER
DEPARTMENT CHAIR: ARIE KAUFMAN

❖ Grants, Fellowships, and Awards

Cohen, Barry. (2000) DIMACS-Celera Graduate Student Award in Computational Molecular Biology. *DIMACS*, Rutgers University, New Brunswick, NJ.

Li, Wei. (2000) LISTNet Long Island Software Award (LISA), \$750. *LISTNet*, Great River, NY.

Qu, Huamin. (2000) LISTNet LI Technology Award, \$3000. *LISTNet*, Long Island, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Pentikousis, Kostas. (2001) TCP in wired-cum-wireless environments. *IEEE Communications Surveys and Tutorials*.

Pentikousis, Kostas. (2001) Principles of network system design. *ACM Crossroads 7.4* (Special Issue on Software Engineering).

Pentikousis, Kostas. (2000) Can TCP be the transport protocol of the 21st century? In *ACM Crossroads 7.2*. (Special Issue on Mobile and Wireless Computing).

Pentikousis, Kostas. (2000) Review of "Handbook of Mobile Radio Networks" by S. Tabanne. Artech House Mobile Communications Library, 2000. *ACM Crossroads 7.2*.

Pentikousis, Kostas. (2000) Review of "Programming Applications with the Wireless Application Protocol" by S. Mann, John Wiley and Sons, Inc., December 1999. *ACM Crossroads 7.2*.

Pentikousis, Kostas. (2000) The end-to-end argument revisited. *osOpinion* (online magazine).

❖ Jointly Authored Publications/Research Reports/Reviews

Dachille, Frank, Mueller, Klaus, and Kaufman, Arie. (2000) Volumetric Back projection. *Volume Visualization Symposium 2000*: pp. 109-117.

Dachille, Frank and Kaufman, Arie. (2000) Incremental Triangle Voxelization. *Graphics Interface, 2000*: pp. 205-212.

Dachille, Frank and Kaufman, Arie. (2000) GI-Cube: An Architecture for Volumetric Global Illumination and Rendering. *Proceedings of the SIGGRAPH / Eurographics Workshop on Graphics Hardware*: pp. 119-128.

Dachille, Frank and Kaufman, Arie. (2000) High-Degree Temporal Antialiasing. *Proceedings of Computer Animation 2000*: pp. 49-54.

Pentikousis, Kostas. and Badr, Hussein. (2001) Error Modeling for TCP Simulations. *Proceedings of EUROSIM 2001*. Delft: The Netherlands.

Tsaoussidis, V., Badr, H., Ge, X., and **Pentikousis, Kostas.** (2000) Energy/Throughput Tradeoffs of TCP Error Control Strategies. *Proceedings of IEEE ISCC 2000*. Antibes-Juan les Pins, France.

Pentikousis, Kostas, Badr, H., and Kharmah, B. (submitted 2001) TCP with ECN: Performance Gains for Large Transfers. Technical Report, *SBCS-TR-2001/01*. Department of Computer Science, SUNY at Stony Brook.

Pentikousis, Kostas and Badr, Hussein. (submitted 2001) TCP with EC92N: The case of two simultaneous downloads. Technical Report, *SBCS-TR-2001/02*. Department of Computer Science, SUNY Stony Brook.

Sumazin, Pavel and Skiena, Steven. (2001) Shift Error Detection in Standardized Exams. *Journal of Discrete Algorithms*.

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

Filkov, V., Skiena, S., and Zhi, J. (2001) Analysis Techniques for Microarray Time-Series Data. *Fifth International Conference on Computational Molecular Biology (RECOMB 01)*. Montreal, Quebec.

Wan, M., **Li, Wei**, Kreeger, K., Bitter, I., Kaufman, A., Liang, Z., Chen, D. Wax M. (2000) 3D Virtual Colonoscopy with Real-time Volume Rendering. *SPIE92s International Symposium on Medical Imaging*. San Diego, CA.

Li, Wei, and Kaufman, A. (2001) Real-time Volume Rendering for Virtual Colonoscopy. *International Workshop on Volume Graphics*. Stony Brook, NY.

Nulkar, Manjushree, and Mueller, Klaus. (2001) Splatting with Shadows. *International Workshop on Volume Graphics*. Stony Brook, NY.

Bender, M., **Pemmasani G.**, Skiena, S., and **Sumazin, P.** (2001) Least Common Ancestors on Directed Acyclic Graphs. *Twelfth ACM-SIAM Symp. on Discrete Algorithms (SODA 2001)*: pp. 845-854.

Pentikousis, Kostas. (2000) Error Modeling for TCP Simulations. *2000 ATandT Student Research Symposium*. ATandT Labs-Research, Florham Park, NJ.

Pentikousis, Kostas. (2000) VDDP, A Virtual Dropping and Delaying Protocol for x-kernel. Technical Report and online software distribution. *Department of Computer Science*. SUNY at Stony Brook, NY.

Qu, Huanin, Wan, Ming, Qin, Jiafa, and Kaufman, Arie (2000) Image Based Rendering with Stable Frame Rates. *IEEE Visualization 2000 conference*. UT.

Wan, Ming, Zhang, Nan, Kaufman, Arie, and **Qu, Huanin**. (2000) Interactive Stereoscopic Rendering of Voxel-based Terrain. *IEEE Virtual Reality 2000*. NJ.

Qin, Jiafa, Wan, Ming, **Qu, Huanin**, and Kaufman, Arie. (2001) Accelerating VoxelBased Terrain Rendering with Keyframe-Free Image-Based Rendering. *International Workshop on Volume Graphics*. NY.

Welsh, Tomihisa, Mueller, Klaus, Zhu, Wei, Meadel, Jeffrey, and Volko, Nora. (2001) BrainMiner: A 3D visual interface for the investigation of functional relationships in the brain. *SPIE Medical Imaging Conference*. San Diego, CA.

Yang, G., Kifer, M. (2000) FLORA: Implementing an Efficient DOOD System Using a Tabling Logic Engine. DOOD922000. *6th International Conference on Rules and Objects in Databases*. London, UK.

Davulcu, H, **Yang, G.**, Kifer, M, Ramakrishnan, I.V. (2000) Design and Implementation of the Physical Layer in WebBases: The XRouter Experience. DOOD922000. *6th International Conference on Rules and Objects in Databases*. London, UK.

Davulcu, H, **Yang, G.**, Kifer, M, Ramakrishnan, I.V. (2000) Computational Aspects of Resilient Data Extraction from Semistructured Sources. *ACM PODS Symposium on Principles of Database Systems*. Dallas, TX.

COMPUTER SCIENCE

❖ Internship Appointments

Li, Wei. (2000) Software developer. *Viatronix mc*, Stony Brook, NY.

❖ Software Developed

Li, Wei., Ke, Q. and Song, W. (2000) VolVis for Windows. Visualization of volumetric dataset. Used by courses of the *Computer Science Department* and many individual researchers for studying volumetric dataset all over the world. The software was in the LISTNet Long Island Software Award (LISA) final list, 2000.

Yang, G. (2000) FLORA972, a Deductive Object-Oriented Database System.

ECOLOGY AND EVOLUTION

GRADUATE DIRECTOR: MANUEL LERDAU
DEPARTMENT CHAIR: WALTER F. EANES

❖ Grants, Fellowships, and Awards

- Allen, Bengt.** (2000) Graduate Summer Fellowship. *Friday Harbor Laboratories*, Friday Harbor, WA.
- Ashton, Isabel.** (2000) Friday Harbor Laboratories Educational Award, *Friday Harbor Laboratories*, Friday Harbor, WA.
- Brisson, Dustin R.** (2001) Predoctoral Fellowship. *National Science Foundation*, Arlington, Virginia.
- Brown, Nina.** (2000) Grant-in-Aid of Research. *Sigma Xi*. The Scientific Research Society, Research Triangle Park, NC.
- Brown, Nina.** (2000) Theodore Roosevelt Memorial Fund. *American Museum of Natural History*, New York, NY.
- Brown, Nina.** (2000) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *US Department of Education*, Washington, D.C.
- Brown, Nina.** (2000) Research Grant. *The Explorers Club*, New York, NY.
- DeVarenes, Ted.** (2000) Lawrence B. Slobodkin Travel Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, NY.
- Di Bitetti, Mario S.** (2000) Reentry Grant. *Fundacion Antorchas*. Buenos Aires, Argentina.
- Fang, Wei.** (2000) Grants-in-Aid of Research. *Sigma Xi*. Stony Brook, NY.
- Fang, Wei.** (2000) Travel Award, *Sigma Xi*. Stony Brook, NY.
- Fang, Wei.** (2000) Graduate Student Travel Award. *Ecological Society of America*, Washington, D.C.
- Fang, Wei.** (2001) Battelle Memorial Pine Barrens Research Award. Long Island Groundwater Research Institute, *SUNY at Stony Brook*, Stony Brook, NY.
- Fang, Wei.** (2001) Research Grant. *International Association of Arboriculture*, Latham, New York.
- Funk, Jennifer L.** (2000) Early Career Scientist Award. *Gordon Research Council*, West Kingston, Rhode Island.
- Gharaibeh, Waleed S.** (2000) Robert R. Sokal Travel Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, NY.
- Gray, Dennis.** (2000) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *US Department of Education*, Washington, D.C.
- Hinman, Katharine E.** (2000) Portal Preserve Grant. *Southwestern Research Station of the American Museum of Natural History*, Portal, Arizona, and *The Nature Conservancy*, Tucson, Arizona.
- Karpanty, Sarah.** (2000) Research Fellowship. *Wildlife Conservation Society*, New York, NY.
- Karpanty, Sarah.** (2000) The Allstate Foundation Community Involvement Award. *The Allstate Foundation*, Melville, NY.
- Oomen, Jamina.** (2000) Research Grant. *Hudson River Foundation*, New York, NY.
- Oomen, Jamina.** (2000) Melanie Elizabeth Lynn Memorial Scholarship. *Duke University Marine Lab*, Beaufort, NC.

ECOLOGY AND EVOLUTION

Soucy, Sheryl. (2000) American Dissertation Fellowship. *American Association of University Women*, Washington, D.C.

Stoebel, Daniel. (2000) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

Stoebel, Daniel. (2001) Predoctoral Fellowship. *National Science Foundation*, Arlington, Virginia.

Throop, Heather. (2001) Madeline Fusco Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

Throop, Heather. (2001) Cedar Brook Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Di Bitetti, Mario S. (2000) The distribution of grooming among female primates: testing hypotheses with the Shannon-Wiener diversity index. *Behaviour* 137: 1517-1540.

Di Bitetti, Mario S. (2001) Home range use by the tufted capuchin monkey, *Cebus apella nigrinus*, in a subtropical rainforest of Argentina. *Journal of Zoology* 253: 33-45.

Fang, Wei. (in press) Plant strategies. El-Shaarawi, A.H. and Peigorsch, W.W., Eds. *Encyclopedia of Environmetrics*. John Wiley and Sons.

Fang, Wei. (in press) Meta-analysis in Ecology. *Lectures in Modern Ecology (II): From Basic Science to Environmental Issues*. J.G. Wu and X.G. Han, Eds. Science Publisher: Beijing.

Fang, Wei. (in press) Biological invasion and global change. *Introduction to Global Climate Change and Global Ecology*. J.Y. Fang and J.D. Lin, Eds. Higher Education Publisher and Springer: Beijing.

❖ Jointly Authored Publications/Research Reports/Reviews

Di Bitetti, Mario S., Luengos Vidal, E.M., Baldovino, M.C. and Benesovsky, V. (2000) Sleeping site preferences in tufted capuchin monkeys (*Cebus apella nigrinus*). *American Journal of Primatology* 50: 257-274.

Di Bitetti, Mario S. and Janson, C.H. (2001) Reproductive socioecology of tufted capuchins (*Cebus apella nigrinus*), in northeastern Argentina. *International Journal of Primatology* 22(2): 127-142.

Di Bitetti, Mario S. and Janson, C.H. (in press) Social foraging and the finders share in capuchin monkeys (*Cebus apella*). *Animal Behaviour*.

Gharaibeh, Waleed S., Rohlf, F.J., Slice, D.E., and DeLisi, L.E. (2000) A geometric morphometric assessment of change in midline brain structural shape following a first episode of schizophrenia. *Biological Psychiatry* 48: 39-405.

Gibbs, A.G. and **Matzkin, Luciano M.** (in press) Evolution of water balance in the genus *Drosophila*. *Journal of Experimental Biology*.

Karpanty, Sarah M. and Grella, R.A. (in press) Lemur responses to diurnal raptor vocalizations in Ranomafana National Park, Madagascar. *Folia Primatologica*.

Karpanty, Sarah M. and Wright, P.C. (in press) Risk Aversion in *Aotus* and *Callicebus*: a multiple-predator approach. *Predation Sensitive Foraging*. Miller, L.E., Ed. Cambridge University Press.

Lerdau, M.T. and **Throop, Heather L.** (2000) Sources of variability in isoprene emission and photosynthesis in tropical tree species. *Biotropica* 32: 670-676.

Padilla, D.K. and **Allen, Bengt J.** (2000) Paradigm lost: reconsidering functional form and group hypotheses in marine ecology. *Journal of Experimental Marine Biology and Ecology* 250: 207-221.

- Verrelli, Brian C.** and Eanes, W.F. (2000) Extensive amino acid polymorphism at the Pgm locus is consistent with adaptive protein evolution in “*Drosophila melanogaster*.” *Genetics* 156: 1737-1752.
- Verrelli, Brian C.** and Eanes, W.F. (2001) Clinal variation for amino acid polymorphisms at the Pgm locus in “*Drosophila melanogaster*.” *Genetics* 157: 1649-1663.
- Verrelli, Brian C.** and Eanes, W.F. (in press) The functional impact of Pgm amino acid polymorphism on glycogen content in “*Drosophila melanogaster*.” *Genetics*.

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

- Allen, Bengt J.** and D.K. Padilla. (2001) Putting the function back in functional form and group models. *Benthic Ecology Meeting*. Durham, New Hampshire.
- Allen, Bengt J.** (2000) Invited seminar: Exotic mussel starves in native seagrass: testing the food limitation hypothesis. *Friday Harbor Laboratories*. Friday Harbor, Washington.
- Ashton, Isabel,** Padilla, D.K. and Dittman, D.E. (2001) *Crassostrea gigas* invades marine reserves in San Juan Island, WA. *Benthic Ecology Meetings*. Durham, New Hampshire.
- Di Bitetti, Mario S.** and Janson, C. H. (2000) Producers and scroungers in tufted capuchin monkeys, *Cebus apella nigritus*. *8th International Behavioral Ecology Congress*. Zurich, Switzerland.
- Di Bitetti, Mario S.** (2001) Productores y cleptoparásitos en el mono caí (*Cebus apella*). *1st Binational Ecological Meeting, XX Argentine Ecological Meeting, X Meeting of the Chilean Ecological Society*. San Carlos de Bariloche, Rio Negro, Argentina.
- Gibbs, A. G. and **Luciano M. Matzkin.** (2000) Evolution of water balance in the genus *Drosophila*. *Entomological Society of America and Canadian Entomological Society*. Montreal, Quebec.
- Fang, Wei.** (2001) The impact of Norway maple on natural forest communities. *12th USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species*. Annapolis, Maryland.
- Fang, Wei.** (2000) Assessing the impact of the invasive tree *Acer platanoides* on forest communities. *85th Annual Meeting of Ecological Society of America*. Snowbird, Utah.
- Gassmann, Aaron J.** (2000) The cost of resistance to herbicide: Can herbivory increase the cost of resistance? *Annual Meeting of the Society for the Study of Evolution*. Bloomington, Indiana.
- Hinman, Katharine E.** (2000) The effects of hummingbird feeders on nectar-feeding bats and their resource plants in southeastern Arizona. *North American Symposium on Bat Research*. Coral Gables, Florida.
- Howard, T.G., Gurevitch, J.K., **Brown, Kerry, Fang, Wei,** and **Misra, Richa.** (2000) The differential influence of site and soil characteristics on invisibility of forest communities. *85th Annual Meeting of Ecological Society of America*. Snowbird, Utah.
- Karpanty, Sarah M.** (2000) Behavioral and Ecological Interactions of Raptors and Lemurs in Ranomafana National Park, Madagascar. *Environmental Protection Agency STAR Fellow Conference*. Washington, D.C.
- Matzkin, Luciano M.** (2000) Molecular evolution of alcohol dehydrogenase paralogues in cactophilic *Drosophila*. *Annual Meeting of the Society of the Study of Evolution*. Bloomington, Indiana.
- Sezgin, Efe.** (2000) Molecular evolution of a metabolic pathway gene (PGLYM) and its pseudogene in *Drosophila melanogaster*. *Annual Meeting of the Society of the Study of Evolution*. Bloomington, Indiana.
- Throop, Heather L.** (2000) Invited seminar: Impacts of nitrogen deposition on the abundance of insect herbivores. *Brookhaven National Laboratory*. Upton, NY.

ECOLOGY AND EVOLUTION

Throop, Heather L. (2000) Invited seminar: Influences of nitrogen deposition on the ecology of an annual plant. *Institute of Ecosystem Studies*. Millbrook, NY.

Throop, Heather L. (2001) Invited seminar: Influences of simulated nitrogen deposition on the ecology of an annual plant. *Max Planck Institute for Biogeochemistry*. Jena, Germany

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

Fang, Wei. (1999-2001) Statistical Consultant. Conservancy Office/Department of Ecological Management and Restoration, *The Nature Conservancy*, Boise, Idaho.

Fang, Wei. (2000-2002) Treasurer. *Sino-Ecologist Oversea Club*, West Palm Beach, Florida.

Soucy, Sheryl. (2001) Post-Doctoral Researcher. Department of Biology, *Florida State University*, Tallahassee, Florida.

ECONOMICS

GRADUATE DIRECTOR: THOMAS MUENCH
DEPARTMENT CHAIR: WILLIAM DAWES

❖ Grants, Fellowships, and Awards

Reznik, Gayle. (June 1, 2001 – May 31, 2002) AIR Dissertation Fellowship Program, \$15,000. *The Association for Institutional Research*, Tallahassee, Florida.

❖ Jointly Authored Publications/Research Reports/Reviews

Thomas, E., **Reznik, G.**, Dawes, W. (2001) Using Predictive Modeling to Target Student Recruitment: Theory and Practice. *AIR Professional File Number 78*.

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

Heiland, Frank. (2000) Female Life-Cycle Fertility, Demand for Higher Education, and Desired Family Size in Post-Transitional Societies: Theory and Evidence from West Germany. *Workshop on Demographic Macroeconomic Modeling*. Max Planck Institute for Demographic Research, Rostock, Germany.

Heiland, Frank. (2001) Analyzing the Effect of Wages on East-West German Migration Patterns using a Dynamic Programming Model with Macroeconomic Feedback. *Workshop on Agent-Based Computational Demography*. Max Planck Institute for Demographic Research, Rostock, Germany.

Heiland, Frank. (2001) Measuring the Value of Children by Birth Order and Infant Health. *7th International Conference of the Society for Computational Economics*. Yale University, CT.

Reznik, Gayle. (2001) College Major and the Gender Wage Gap: A Look at the 1990's. *Eastern Economic Association Annual Conference*. New York, NY.

ELECTRICAL ENGINEERING

GRADUATE DIRECTOR: WENDY TANG

DEPARTMENT CHAIR: HANG-SHEUNG TUAN

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

Belenky, G., Reynolds, C.L. Jr., **Shterengas, L.**, Hybertsen, M.S., Donetsky, D.V., Shtengel, G.E., Luryi, S. (Aug. 2000) Effect of p-doping on temperature dependence of differential gain in FP and DFB 1.3 μ m InGaAsP/InP multiple quantum well lasers. *IEEE Photonics Technology Letters*, Vol. 12, No. 8: pp. 969-971.

Shterengas, L., Menna, R., Trussell, W., Donetsky, D., Belenky, G., Connolly, J., Garbuzov, D. (Sep. 2000) Effect of heterobarrier leakage on the performance of high power 1.5- μ m InGaAsP multiple quantum well lasers. *Journal of Applied Physics*, Vol. 88, No.5: pp. 2211-2214.

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

Belenky, G., **Shterengas, L.**, Trussell, W., Menna, R., Donetsky, D., Connolly, J., Garbuzov, D. (Nov. 2000) Effect of heterobarrier leakage on the performance of high power 1.5- μ m InGaAsP multiple quantum well lasers. *13th Annual Meeting IEEE Lasers and Electro-Optics Society*, Vol. 2: pp. 872-873. The Westin Rio Mar Beach, Rio Grande, Puerto Rico.

Shterengas, L., Belenky, G.L., Reynolds, C.L., Hybertsen, M.S., Focht, M., Smith, L., Peticolas, L., Stampone, D. (May 2001) Effect of the lateral carrier leakage on performance of 1.3 μ m InGaAsP MQW CMBH lasers. *Conference on Lasers and Electro-Optics*. The Baltimore Convention Center, Baltimore, Maryland.

Westerfeld, David Donetsky, D., Westerfeld, D., Belenky, G., Martinelli, R., Garbuzov, D., Connolly, J. (2001) Extraordinarily-wide optical gain spectrum in 2.2-2.5 μ m QW ridge-waveguide laser. *Conference on Lasers and Electro-optics*. Baltimore, Maryland.

ENGLISH

GRADUATE DIRECTOR: STEPHEN SPECTOR
DEPARTMENT CHAIR: PETER MANNING

❖ Grants, Fellowships, and Awards

Crane, Susan. (2001) President's Award for Excellence in Teaching. *SUNY at Stony Brook*, Stony Brook, NY.

Machado, Sáez, E. (2000) Graduate Certificate in Women's Studies. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Hatwalkar, Kavita S. (Oct. 2000) Exchanging Octavia: Failed Commodity and Failed Wife. *The Tragedy of Antony and Cleopatra. Q/W/E/R/T/Y Vol. (10)*: pp. 29-32.

Nagle, Christopher. (Forthcoming) Sterne, Shelley, and Sensibility's Pleasures of Proximity. *English Literary History*.

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

Machado Sáez, E. (2000) Theorizing the Boundary: The Tourist Trap vs. Playful Migration in Paule Marshall's Praise song for the Widow. *Contextualizing the Caribbean: Redefining Approaches in an Era of Globalization*. Caribbean Literary Studies, University of Miami, FL.

Nagle, Christopher. (2001) Perils and Pleasures of the Job Market. *Engaging the Profession (English Department Faculty-Student Colloquium Series)*. SUNY at Stony Brook, Stony Brook, NY.

❖ Post-Doctorates Obtained and Professional Appointments

Nagle, Christopher. (2001-2002) Post-Doctoral Fellowship (declined). English Dept., *SUNY at Stony Brook*, Stony Brook, NY.

Nagle, Christopher. (2001) Assistant Professor of Critical Theory and Eighteenth-Century Literature. English Dept., *Western Michigan University*. Kalamazoo, MI.

EUROPEAN LANGUAGES

GRADUATE DIRECTOR: NICHOLAS RZHEVSKY
DEPARTMENT CHAIR: CHARLES FRANCO

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

Pustovoit, Igor. (2000) A Good Metaphor is A Dead Metaphor: A Classroom Perspective. *AATSEEL Annual Convention*. Washington, DC.

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

Pustovoit, Igor. (2001) Adjunct Assistant Professor. Department of Comparative Literatures, *Hostra University*, Long Island, NY.

GENETICS

GRADUATE DIRECTOR: J. PETER GERGEN

❖ Grants, Fellowships, and Awards

Landry, Joseph. (2000) Excellence in Research Award, \$18,500. *Institute for Cell and Developmental Biology*, Stony Brook, NY.

Seger, Yvette. (2000) U.S. Army Medical Research and Material Command Breast Cancer Research Program Predoctoral Fellowship, \$66,000/3 years. *Department of the Army*, Fort Detrick, MD.

❖ Jointly Authored Publications/Research Reports/Reviews

Bernstein, E., Caudy, A.A., Hammond, S.M., and Hannon, G.J. (2001) Role for a bidentate nuclease in the initiation step of RNA interference. *Nature* 409: 363-366.

Chen, G. and Stenlund, A. (2001) The E1 initiator recognizes multiple overlapping sites in the papillomavirus origin of DNA replication. *J Virol.* 75: 191-302.

Chung, Y.D., Zhu, J., **Han, Y-G.**, and Kernan, M. (2001) *nompA* Encodes a PNS-Specific, ZP Domain Protein Required to Connect Mechanosensory Dendrites to Sensory Structures. *Neuron* 29: 415-428.

Chung, S., **Gumienny, T.L.**, Hengartner, M.O., and Driscoll, M. (2000) A common set of engulfment genes mediates removal of both apoptotic and necrotic cell corpses in *C. Elegans*. *Nat Cell Biol.* 2: 931-7.

Harms, E., Chu, T., Henrion, G., and Strickland, S. (2000) The only function of Grauzone required for *Drosophila* oocyte meiosis is transcriptional activation of the cortex gene. *Genetics* 155: 1831-9.

Wines, M.E., Lee, L., **Katari, M.S.,** Zhang, L., DeRossi, C., Shi, Y., Perkins, S., Feldman, M., McCombie, W.R., and Holdener, B.C. (2001/in press) Identification of mesoderm development (mesd) candidate genes by comparative mapping and genome sequence analysis. *Genomics*.

Landry, J., Slama, J.T., and Sternglanz, R. (2000) Role of NAD⁺ in the Deacetylase Activity of the SIR2-like Proteins. *Biochemical and Biophysical Research Communications* 278: 685-690.

Sutton, A., Heller, R.C., **Landry, J.,** Choy, J.S., Sirko, A., and Sternglanz, R. (2001/in press) A Novel Form of Transcriptional Silencing by Sum1-1 Requires Hst1 and the Origin Recognition Complex *Molecular and Cellular Biology*.

Tanner, K.G., **Landry, J.,** Sternglanz, R., and Denu, J. (2000) Silent information regulator 2 family of NAD dependent histone/protein deacetylases generates a unique product, 1-O-acetyl-ADP-ribose. *Proc. Natl. Acad. Sci.* 97: 14178-14182.

Min, J., **Landry, J.,** Sternglanz, R., and Xu, R. (2001/in press) Crystal Structure of A SIR2 Homolog-NAD Complex. *Cell*.

Nash, R.S., **Volpe, T.,** and Futcher, B. (2001) Isolation and characterization of WHI3, a Sie-Control Gene of *Saccharomyces cerevisiae*. *Genetics* 157: 1469-80.

Zhu, G., Spellman, P.T., **Volpe, T.,** Brown, P.O., Botstein, D., Davis, T.N., and Futcher, B. (2000) Two yeast forkhead genes regulate the cell cycle and pseudohyphal growth. *Nature* 406: 90-4.

Vas, A. and Leatherwood, J. (2000) Where does DNA replication start in Archae? *Genome Biology* 1(3): 1020.1-1020.4.

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Vas, A., Mok, W., Leatherwood, J. (2001/in press) Control of DNA re-replication via Cdc2 phosphorylation sites in ORC. *Molecular and Cellular Biology*.

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

Han, Y-G. and Kernan, M. (2001) Positional cloning of *nompB*: Intraflagellar transport in *Drosophila* sensory neurons? *42nd Annual Drosophila Research Conference*. Washington D.C.

Juarez, M. and Timmermans, Marja. (2001) Dorsoventral patterning of the maize leaf. *43rd Annual Maize Genetics Conference*. Lake Geneva, WI.

Katari, M.S., McCombie, W.R., and Holdener, B.C. (2001) Identification of mesoderm development (*mesd*) candidate genes by comparative mapping and genome sequence analysis. *Plant and Animal Genome IX Conference*. San Diego, CA.

Katari, M.S. and McCombie, W.R. (2000) Comparative Genomics: Using Other Dicots to Annotate Arabidopsis. *Arabidopsis Genomics Meeting*. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

Landry, Joseph. (2000) The Silencing Protein SIR2 and its Homologs are NAD Dependent Protein Deacetylases. *FASEB Summer Research Conference on Chromatin Structure*. Snowmass, CO.

Bernstein, Emily. (2000) Dicer, a novel Rnase III enzyme involved in the initiation step of RNAi, mRNA Enigmas: transport, silencing, decay, and their interplay with translation. *Jacques Monod Conference*. Aussois, France.

Seger, Yvette, Sun, P., and Hannon, G.J. (2000) Mortality Control in Human Cells. *U.S. Army Era of Hope Breast Cancer Research Program Symposium*. Atlanta, GA.

Seger, Yvette, Sun, P., and Hannon, G.J. (2000) Genetic Requirements for the Transformation of Human Cells. *Cancer Genetics and Tumor Suppressor Gene*. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

Seger, Yvette, Maestro, R., Sun, P., and Hannon, G.J. (2001) Genetic Requirements for the Transformation of Human Cells. *American Association of Cancer Research Annual Meeting*. New Orleans, LA.

Seger, Yvette, Maestro, R., Sun, P., and Hannon, G.J. (2001) Genetic Requirements for the Transformation of Human Cells. *Telomeres and Telomerase*. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

❖ Post-Doctorates Obtained and Professional Appointments

Gumienny, T.L. (2000) Post-Doctoral Fellow. *Waksman Institute*, Rutgers University, Piscataway, NJ.

Harms, Emily. (2000) Post-Doctoral Fellow. *Rockefeller University*, New York, NY.

Polyakov, Julia. (2000) Marketing Analyst. *SearchBug.com*, Nesconset, NY.

SHI, Songhai. (2001) Post-Doctoral Fellow. *University of California, San Francisco*, San Francisco, CA.

Stebbins, Michael. (2001) Post-Doctoral Fellow. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

Volpe, Thomas. (2000) Post-Doctoral Fellow. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

GEOSCIENCES

GRADUATE DIRECTOR: MARIE HUFFMAN
DEPARTMENT CHAIR: SCOTT MCLENNAN

❖ Grants, Fellowships, and Awards

Alexandratos, Vasso. (2000-2001) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.

Becker, Mona L. (2000-2001) Grant to support her field work in Ohio for Ph.D. thesis. *Geological Society of America*.

Borda, Michael. (2000) Graduate Teaching Assistant Award. *Department of Geosciences*, SUNY at Stony Brook, NY.

Flesch, L.M. (2000) Best Student Paper Award. *American Geophysical Union Spring Meeting*.

McCall, Kasey. (2000-2001) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.

O'Rourke, Daniel. (2000) August A. Guerrara Award. *Suffolk County Water Authority*.

Suero, Alysa. (2000) Graduate Teaching Assistant Award. *Department of Geosciences*, SUNY at Stony Brook, NY.

Winslow, Francis. (2000-2001) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.

Woody, Kelly. (2000-2001) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.

❖ Jointly Authored Publications/Research Reports/Reviews

Becker, M.L., Cole, J.M., Rasbury, E.T., Pedone, V.A., Montanez, I.P., and Hanson, G.N. (2001) Cyclic variations of Uranium concentrations and oxygen isotopes in tufa from the middle Miocene Barstow Formation, Mojave Desert, California. *Geology* 29(2): 139-142.

Flesch, L.M., A.J. Haines and W.E. Holt. (2001) The dynamics of the India-Eurasia collision zone. *J. Geophys. Res.*

Flesch, L.M., W.E. Holt, A.J. Haines, and B. Shen-Tu. (2000) Dynamic of the Pacific-North American plate boundary zone in the western United States. *Science*, 287: 834-836.

Kreemer, C., Haines, J., Holt, W.E., Blewitt, G., Lavallee, D. (2000) On the determination of a global strain rate model. *Earth, Planets and Space*, 52: 765-770.

Kreemer, C., Holt, W.E. (2000) What caused the March 25, 1998 Antarctic plate earthquake? Inferences from regional stress and strain rate fields. *Geophysical Research Letters*, 27: 2297-2300.

Lee, Y., Kim, S.J., and Parise, J.B. (2000) Synthesis and Crystal Structures of Gallium- and Germanium-variants of the Fibrous Zeolites with the NAT, EDI and THO structure types. *Microporous Mesoporous Mater.*, 34: 255-271.

Lee, Y., Kim, S.J., Schoonen, M.A.A., and Parise, J.B. (2000) Structural and Sr²⁺ Ion Exchange Studies of Gallosilicate TsG-1. *Chem. Mater.*, 12: 1597-1603.

Lee, Y., Parise, J.B., Tripathi, A., Kim, S.J., and Vogt, T. (2000) Synthesis and Crystal Structures of Gallium- and Germanium-variants of Cancrinite. *Microporous Mesoporous Mater* 39: 445-455.

Parise, J.B., Cahill, C.L., and **Lee, Y.** (2000) Dynamic Powder Crystallography at Synchrotron Sources. *Can. Mineral.* 38: 777-800.

- Tripathi, A., Parise, J.B., Kim, S.J., **Lee, Y.**, Johnson, G.M., and Uh, Y.S. (2000) Structural changes in the Na- and K- form of Aluminogermanate GIS induced by Cation Site Ordering. *Chem. Mater* 12: 3760-3769.
- Reisner, B.A., **Lee, Y.**, Hanson, J.C., Jones, G.A., Parise, J.B., Corbin, D.R., Toby, B.H., Freitag, A., Larese, J.Z., and Kahlenberg, V. (2000) Understanding negative thermal expansion and "trap door" Cation relocations in Zeolite RHO. *J. Chem. Soc., Chem Commun.*, 22: 2221-2222.
- Lee, Y.**, Reisner, B.A., Hanson, J.C., Jones, G.A., Parise, J.B., Corbin, D.R., Toby, B.H., Freitag, A., Larese, J.Z., and Kahlenberg, V. (submitted) New insight into Cation relocations within the pores of Zeolite rho: In situ synchrotron X-ray and neutron powder diffraction studies of Pb- and Cd-exchanged rho. *J. Phys. Chem. B*.
- Liu, Yun** and Hanna Nekvasil. (2001) Ab initio studies of possible fluorine-bearing four- and fivefold coordinated Al species in aluminosilicate glasses. *American Mineralogist Vol. 86*: 491-497.
- Penfield, R.R.**, Schoonen, M.A.A., and Kasting, J.F. (2000) CO hydration kinetics: Formate formation and stability in the presence of metal compounds and UV radiation. *EOS Transactions, AGU, 81(19)*, Spring Meeting Supplement, S30.

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

- Rasbury, E.T., **Becker, M.L.**, Hanson, G.N., Al-Tawil, A., and Read, J.F. (2000) U-Pb dating of chert from Mississippian paleo-caliches, Eastern Kentucky USA. *International Geological Congress*. Rio de Janeiro, Brazil.
- Becker, M.L.**, Rasbury, Emma T., Hanson, Gil N., Nadon, Greg C., Gierlowski-Kordesch, Elizabeth H., Kallini, Kevin D. (2000) U-Pb ages of paleosols and lake calcite from the Appalachian Basin, Southeastern Ohio and Western Pennsylvania. *Geological Society of America Annual Meeting*, Reno, Nevada. Abstract #50950.
- Nekvasil, H., Lindsley, D H., **Dondolini, A.**, Horn, J., Rossier, L., Litvin, V. (2000) Do Different Magmatic Suitetypes Really Require Different Sources? Abstract for poster at Fall *AGU Meeting*. *Eos Trans. AGU, 81(48)*.
- Kreemer, C., **Flesch, L.M.**, and W.E. Holt. (2001) The dynamics and kinematics of the central Andes, Understanding strike-slip and extensional earthquakes in the high Andes. *26th General Assembly of EGS*. Nice, France.
- Flesch, L.M.** (2001) Kinematic and Dynamic Models of Western North America and Central Asia. *Invited Colloquiums*. Yale University.
- Flesch, L.M.**, W.E. Holt, A.J. Haines, B. Shen-Tu, and M.W. Hamburger. (2000) Kinematic and Dynamic Models of western North America. *EOS Transactions. AGU, 81(48)*, Fall Meeting Supplement.
- Flesch, L.M.**, W.E. Holt, and A.J. Haines (2000) Dynamic Models of Central and Southeast Asia. *EOS Transactions, AGU, 81(48)*, Fall Meeting Supplement.
- Flesch, L.M.**, W.E. Holt, A.J. Haines, and B. Shen-Tu (2000) Understanding the dynamics of the western United States using seismic, geologic, topographic, and geodetic data. *Geological Society of America, A-243*.
- Flesch, L.M.**, W.E. Holt, A.J. Haines, and B. Shen-Tu. (2000) Stress and rheology in the lithosphere: Examples in Asia and the western United States. *EOS Transactions, AGU, 81(19)*, Spring Meeting Supplement.
- Kreemer, C.**, Holt, W.E. (2000) Plate motions and intraplate deformation min central and southeast Asia. *AGU, 81(48)*, Fall Meeting Supplement, F340.

Kreemer, C., Holt, W.E., Haines, J. (2001) A Global Model of Plate Boundary Zone Deformation and Plate Motions. *26th General Assembly of EGS*. Nice, France.

Kreemer, C., Flesch, L.M., Holt, W.E. (2001) The dynamics and kinematics of the central Andes, Understanding strike-slip and extensional earthquakes in the high Andes. *26th General Assembly of EGS*. Nice, France.

Lee, Y., Jones, G.A., Hanson, J.C., Freitag, A., Parise, J.B., Larese, J.Z., Corbin, D.R., and Kahlenberg, V. (2000) Temperature- and Humidity-Dependent Cation Relocation in Zeolites: Pb-RHO. *American Crystallographic Association (ACA) Annual Meeting*, Abstract #P112. St. Paul, MN.

Liu, Y. and Nekvasil, H. (2000) Is there Si-F bonding in aluminosilicate glasses? Inferences from ab initio NMR calculations. *Eos Trans. AGU*, 81(48).

Penfield, R.R., Schoonen, M.A.A., and Kasting, J.F. (2000) CO hydration kinetics: Formate formation and stability in the presence of metal compounds and UV radiation. *EOS Transactions, AGU*, 81: 19. Spring Meeting Supplement, S30.

Vajdova, Veronika, Zhu W., Wong T-f. (2000) Quantitative Characterization of Pore Statistics in Hot-Pressed Calcites. *American Geophysical Union Fall Meeting*. Moscone Center, CA.

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

Becker, Mona L. (2001) Post-Doctoral Research Associate. Department of Earth Sciences, *University of Oxford*, Oxford, UK.

HISPANIC LANGUAGES AND LITERATURE

GRADUATE DIRECTOR: VICTORIANO RONCERO-LOPEZ

DEPARTMENT CHAIR: LOU CHARNON-DEUTSCH

❖ Singly Authored Publications/Research Reports/Reviews

Torres, Rosario. (2000) La Nación desde una Nueva Perspectiva Formal-Significadora. *Corner Magazine Vol. 4.*

Torres, Rosario. (2001). La mujer en la publicidad. *¿Evolución o involución? : Mujer, cultura y sociedad en la España del cambio de siglo.* Cruz, Jacqueline and Zecchi, Barbara. Madrid: Universitas Castellae.

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

Torres, Rosario. (2000) Representación publicitaria de la mujer en la prensa femenina española contemporánea. *Spain in the Twenty-First Century: An International Symposium. España Contemporánea Revista de Literatura y Cultura.* The Ohio State University, OH.

Torres, Rosario. (2000) Beltenebros o la redefinición de la mujer fatal desde la mirada femenina. *Twenty-Fifth, Silver Anniversary Colloquium on Literature and Film, The Female Gaze in Literature and Film.* West Virginia University, WV.

Torres, Rosario. (2000) Bella, joven, complaciente y peligrosa: La mujer según la publicidad de la prensa femenina de alta gama en la España contemporánea. *III Charlas Literarias.* SUNY at Stony Brook, NY.

HISTORY

GRADUATE DIRECTOR: KATHLEEN WILSON
DEPARTMENT CHAIR: GARY MARKER

❖ Grants, Fellowships, and Awards

Babic, Annessa. (2001-02) University Teaching Fellowship, \$500/three semesters. *SUNY at Stony Brook*, Stony Brook, NY.

Kahr, Christina Consuelo. (2000-2001) Mellon Doctoral Fellowship in Latin American History. \$14,000. *History Department, SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Williams, Derek. (2001) Assembling the “Empire of Morality:” State Building Strategies in Catholic Ecuador, 1861-1875. *Journal of Historical Sociology* 14 (2): 149-174.

Williams, Derek. (2001) “Who Induced the Indian Communities?” The Los Pastos Uprising and the Politics of Ethnicity in Late-Colonial New Granada. *Colonial Latin American Historical Review* 10 (2).

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

Williams, Derek. (2001) Indians on the Verge: Otavaleños and the Regional Dynamics of the Ecuadorian Indian Problem, 1830-1940. Presented at the *American Historical Association 115th Annual Meeting* (Conference on Latin American History). Boston, MA.

Fernandez, Kenia M. (2001) Elements of Successful Mentoring for Women. *Southeastern Women’s Studies Association Annual Conference*. Boca Raton, FL.

LINGUISTICS

GRADUATE DIRECTORS: MARIE HUFFMAN
DEPARTMENT CHAIR: RICHARD LARSON

❖ Grants, Fellowships, and Awards

- Brenier, Jason.** (2000) Summer Fellowship, \$500. *Ohio State University*, Columbus, OH.
- Brenier, Jason.** (2001) Graduate Fellowship Competition, Honorable Mention. *National Science Foundation*, Arlington, VA.
- Bryan, Kisha.** (2000) W. Burghart Turner Fellowship, \$10,000. *SUNY at Stony Brook*, Stony Brook, NY.
- Chen, Yiya.** (2000) Summer Fellowship, \$500. *Ohio State University*, Columbus, OH.
- Sumner, Meghan.** (2001) Excellence in Teaching by a Graduate Student, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Yamakido, Hiroko.** (2001) 2001 LSA Linguistic Institute fellowship, \$1,550. *University of California*, Santa Barbara, Santa Barbara, CA.

❖ Singly Authored Publications/Research Reports/Reviews

- Marušič, Franc.** (2001) ŠUSS 1998-2000. *Ljubljana, Študentska založba*. Žaucer R., Ed.
- Sumner, Meghan.** (2001) A Psycholinguistic Approach to Abstractness: The Case of Hebrew. *Penn Working Papers in Linguistics, Vol 25*.
- Vassilieva, Maria.** (2001) On the Typology of Russian Comitatives. *Proceedings of the Formal Approaches to Slavic Linguistics: The Indiana Meeting 2000*. Ann Arbor, MI: Michigan Slavic Publications.
- Volpe, Mark.** (2000) Japanese Lexical-Derivations in Lexeme-Morpheme Base Morphology. *Fukuoka University Review of Literature and Humanities*. Fukuoka, Japan: Fukuoka University Press.
- Volpe, Mark.** (in press). Locatum and Location Verbs in Lexeme-Morpheme Base Morphology. *Lingua*.

❖ Jointly Authored Publications/Research Reports/Reviews

- Citko, Barbara** and Grohmann, K. (in press) On the Non-Uniqueness of the Multiple Wh-Fronting. German=Bulgarian. *Proceedings of Formal Approaches to Slavic Linguistics: the Indiana Meeting*. Ann Arbor, Michigan: Michigan Slavic Publications.
- Marušič, Franc** and Žaucer, R. (2000) Jezikovnosvetovalna služba kot vzdrževalec jezikovnega prestiža ter nujen pripomoček pri jezikovnem nacrtovanju. In Inka Štrukelj, ed. *Proceedings of the conference of The Society of Applied linguistics of Slovenia: Kultura, identiteta in jezik v procesih evropske integracije*. Ljubljana.

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

- Borroff, Marianne.** (2000) Degree Phrase Inversion in Negative and Affirmative Contexts. *CUNY Graduate Center Syntax Supper Series*. CUNY Graduate Center, New York, NY.
- Borroff, Marianne.** (2001) Glottal Stop and Adjacent Vowels in Zapotec. *Long Island Sound Workshop*. New York University, New York, NY.

- Brenier, Jason**, Gregory, M. and Jansen, W. (2001) The Prosodic Characteristics of Quotations and the Introduction of Quotations. *77th Annual Meeting of the Linguistic Society of America*. Grand Hyatt Washington, Washington, D.C.
- Chen, Yiya**. (2000) Accentual lengthening in Mandarin Chinese. *The Annual Conference of the Acoustical Society of America*. Long Beach, CA.
- Chen, Yiya**. (2001) Accentual Lengthening of Monosyllabic Constituents in Beijing Mandarin. *Long Island Sound Workshop*. New York University, New York, NY.
- Chen, Yiya** and Basri H. (2001) Identity effects in Selayarese vowel harmony. *77th Annual Meeting of the Linguistic Society of America*. Grand Hyatt Washington, Washington, D.C.
- Citko, Barbara** (2000) An Argument in Favor of a Deletion Under Identity Account of Relative Clauses. *The 31st Conference of the North East Linguistics Society*. Georgetown University, Washington D.C.
- Citko, Barbara** (2001) An Argument Against a Vehicle Change Account of Reconstruction Asymmetries in Relative Clauses. *77th Annual Meeting of the Linguistic Society of America*. Grand Hyatt Washington, Washington, D.C.
- de Cuba, Carlos** and **Ürögdi, Barbara** (2001) The Role of Factivity in the Syntax and Semantics of Embedded Clauses. *The 2nd Annual CUNY/SUNY/NYU Linguistics Mini-Conference*. SUNY at Stony Brook, Stony Brook, NY.
- Dellicarpini, Margo** (2001) The Interpretation and Acquisition of Quantification by Second Language Learners of English. *The 2nd Annual CUNY/SUNY/NYU Linguistics Mini-Conference*. SUNY at Stony Brook, Stony Brook, NY.
- Dellicarpini, Margo** (2001) Developing and Implementing an ESL Program in the Suffolk County Correctional Facilities with a Focus on Literacy Acquisition. *New York State Association of Incarcerated Education Programs, 13th Annual Conference*. Saratoga Springs, NY.
- Larson, Richard and **Vassilieva, Maria**. (2001) The Semantics of Plural Pronoun Construction. *SALT 11*. New York University, New York, NY.
- Oh, Eun Jeong**. (2001) Assimilation Triggered by Sonority. *The 2nd Annual CUNY/SUNY/NYU Linguistics Mini-Conference*. SUNY at Stony Brook, Stony Brook, NY.
- Sumner, Meghan**. (2001) A Psycholinguistic Approach to Abstractness: The Case of Hebrew. *25th Annual Penn Linguistics Colloquium*. University of Pennsylvania, Philadelphia, PA.
- Sumner, Meghan**. (2001) Colloquial Slovak and Polish: Do we need derivational levels? *77th Annual Meeting of the Linguistic Society of America*. Grand Hyatt Washington, Washington, D.C.
- Takahashi, Naoko** and Brownworth, B. (2001) Understanding Long-term Culture Adjustment of ESL Students. *Teachers of English to Speakers of Other Languages, Inc., 35th Annual Convention and Exposition*. St. Louis, MO.
- Ürögdi, Barbara** (2001) Gradient Effects and Individual Variation in Hungarian Vowel Harmony. *77th Annual Meeting of the Linguistic Society of America*. Grand Hyatt Washington, Washington, D.C.
- Vassilieva, Maria**. (2001) Coordination of Possessives in Russian. *The 2nd Annual CUNY/SUNY/NYU Linguistics Mini-Conference*. SUNY at Stony Brook, Stony Brook, NY.
- Vassilieva, Maria**. (2001) Coordination of Prenominal Modifiers in Russian. *Formal Approaches to Slavic Linguistics*. University of Michigan, Ann Arbor, MI.
- Weisenberg, Julie**. (2001) Analyzing Signs: Basic Aspects of ASL and English Phonology. *The New York State Educational Interpreters K-12 Project*. Brentwood, NY.
- Weisenberg, Julie**. (2001) Analyzing Signs: Classifiers, Number Incorporation, Modulation, and Repetition. *The New York State Educational Interpreters K-12 Project*. Brentwood, NY.

LINGUISTICS

Weisenberg, Julie. (2001) Analyzing Signs: Emotion, Cognition, Referent, Time Line, and Preposition. *The New York State Educational Interpreters K-12 Project*. Brentwood, NY.

Weisenberg, Julie. (2001) Auditory Memory: Listening, Visual Rehearsal, Short Term Memory Skills. *The New York State Educational Interpreters K-12 Project*. Riverhead, NY.

Weisenberg, Julie. (2001) Auditory memory: Listening for Meaning, Chunking, and Improving Short Term Memory. *The New York State Educational Interpreters K-12 Project*. Riverhead, NY.

Weisenberg, Julie. (2001) Medical and Physical Concerns for the Educational Interpreter. *The New York State Educational Interpreters K-12 Project*. Brentwood, NY.

Weisenberg, Julie. (2001) Semantic Integrity: Recognizing Context Clues and Expanding ASL and English Lexicon. *The New York State Educational Interpreters K-12 Project*. Riverhead, NY.

Yamakido, Hiroko and Larson, R. (2001) Time and Location Ellipsis in Japanese Nominals. *77th Annual Meeting of the Linguistic Society of America*. Washington, D.C.

❖ Post-Doctorates Obtained and Professional Appointments

Bhandari, Rita. (2000) Senior Linguist. *Lernout and Hauspie Technologies*, Leper, Belgium.

Chen, Yiya. (2001) Visiting Assistant Professor. Linguistics Department, *Cornell University*, Ithaca, NY.

Cho, Sungeun. (2001) Post-Doctorate. Linguistics Department, *Sogang University*, Seoul, Korea.

Vassilieva, Maria. (2001) Visiting Scholar. Linguistics Department, *Massachusetts Institute of Technology*. Cambridge, MA.

MANAGEMENT AND POLICY

GRADUATE DIRECTOR: JEFF CASEY
DEPARTMENT CHAIR: TOM SEXTON

❖ Internship Appointments

- Argyropoulos, Paul.** (2001) *Symbol Technologies, Inc.*, Holtsville, NY.
- Bernstein, Michelle.** (2000) *Basics Landscaping Co., Inc.*, Dix Hills, NY.
- Cai, Zhiqing.** (2000) Office of Scientific Affairs. *SUNY at Stony Brook School of Medicine*, Stony Brook, NY.
- Fischer, Wolfram.** (2000) *American Superconductor Corporation*, New York, NY.
- Gu, Lan-Hsin.** (2000) *Les Amis Inc.*, Port Jefferson, NY.
- Hsu, Chia-Hui.** (2000) *Rong Feng Electrical Co., Ltd*, Taiwan/Republic of China.
- Jiang, Qian.** (2000) *Yifan.Com.Inc.*, Stony Brook, NY.
- Khilstrom, Lori.** (2001) *Office of Human Resources*, SUNY at Stony Brook, Stony Brook, NY.
- Ko, Yuan-Wen.** (2000) *Seawolf Technologies, Inc.*, Jericho, NY.
- Kobayashi, Kai.** (2000) *NEC Sofe Ltd.*, Tokyo/Japan.
- Liao, Chih-Hao.** (2000) *UMC*, Taiwan.
- Li, Pei-Chun.** (2001) *Planet Know How.com.*, Taipei/Taiwan.
- Liu, Hui-Leng.** (2000) *Indian Hills Country Club*, Northport, NY.
- Parks, Eon.** (2000) *American Express Financial Advisors*, Hauppauge, NY.
- Perodin, Patrick.** (2000) *Southampton Hospital Laboratory*, Southampton, NY.
- Ren, Bill.** (2000) *New York City Housing Authority*, New York, NY.
- Singh, Surabhi.** (2000) *State University of New York, Accounting Division*, Stony Brook, NY.
- Stahl, Kim.** (2000) *Art of Eating*, Amagansett, NY.
- Wu, Jing.** (2000) *Country Life*, Hauppauge, NY.
- Xiao, Lian.** (2000) *Univeristy Hospital at Stony Brook, Division of General Pediatrics*, Stony Brook, NY.
- Yu, Lan-ping.** (2000) *Taiwan Institute of Economic Research, Information Services Division*, Taiwan.

MARINE SCIENCES

GRADUATE DIRECTOR: GLENN LOPEZ

❖ Grants, Fellowships, and Awards

Rust, Aaron. (2000) Evan R. Liblit Memorial Scholarship, \$1500. *Evan R. Liblit Memorial Fund and the Waste Reduction and Management Institute*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Paris, Claire B. and R.K. Cowen. (submitted 2001) Objective analysis of three-dimensional circulation in the vicinity of Barbados, West Indies: Implication for larval transport. *Limnology and Oceanography*.

Cowen, R.K., K.M.M. Lwiza, S. Sponaugle, **Paris, Claire B.** and D.B. Olson. (2000) Connectivity of marine populations: Open or closed? *Science* 287: 857-859.

Paris, Claire B. Review: Diversity of Ichthyoplankton in the Central Mexican Pacific: A Seasonal Survey. *Estuarine Coastal and Shelf Science*.

Paris, Claire B. Review: Summertime occurrence of reef fish larvae in the Gulf of Mexico. *Fishery Bulletin*.

Paris, Claire B. Review: Mezooplankton and ichthyoplankton distribution around Gran Canaria, an oceanic island in the NE Atlantic. *Deep Sea Research*.

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

Paris, Claire B. and R.K. Cowen. (submitted 2001) Guide to the identification of the early life history stages of pomacentrid fishes of the western central Atlantic. *NOAA Technical Memorandum, NMFS-SEFSC*.

Cowen, R.K., **Paris, Claire B.**, K.M.M. Lwiza, and D.B. Olson. (2000) Long distance dispersal versus local retention as a means of replenishing Caribbean marine fish populations. *ICES 2000/N:04*, 6.

Paris, Claire B. and R.K. Cowen. (2001) Survival of larval coral reef fishes: The missing link between egg production and recruitment. *ASLO 2001 Aquatic Sciences Meeting*, February 12-16. Albuquerque, New Mexico (Abstract) p. 109.

Cowen, R.K., **Paris, Claire B.**, and D.B. Olson. (2001) The role of long-distance dispersal versus local retention in replenishing marine populations. *ASLO 2001 Aquatic Sciences Meeting*, February 12-16. Albuquerque, New Mexico (Abstract) p. 39.

Cowen R.K., **Paris, Claire B.** and D.B. Olson. (2000) The role of long-distance dispersal versus local retention in replenishing marine populations. *9th International Coral Reef Symposium*, October 23-27. Bali. 9ICRS (Abstract) p. 38.

Paris, Claire B., R.K. Cowen and K.M.M. Lwiza. (2000) Near field transport dynamics of larval cohorts of coral reef fish in the vicinity of Barbados, W. Indies. *9th International Coral Reef Symposium*, October 23-27. Bali. 9ICRS (Abstract) p. 41.

Cowen, R.K., **Paris, Claire B.**, K.M.M. Lwiza, and D.B. Olson. (2000) Long distance dispersal versus local retention as a means of replenishing Caribbean marine fish populations. *2000 Lagrangian Analysis and Predictability of Coastal and Oceanic Dynamics 2000 Meeting*. Ischia, Italy.

Paris, Claire B. and Cowen, R.K. (2001) Circulation and recruitment patterns in Barbados. Invited Talk, *Coastal Studies Seminar Series*. Rosenstiel School of Marine and Atmospheric Sciences, Applied Marine Physics.

Paris, Claire B. and Cowen, R.K. (2001) Barbados Studies. Invited Talk, *National Center for Caribbean Coral Reef Research (NCORE) Workshop*. Miami, FL.

MATERIALS SCIENCE AND ENGINEERING

GRADUATE DIRECTOR: SANJAY SAMPATH
DEPARTMENT CHAIR: MIKE DUDLEY

❖ Grants, Fellowships, and Awards

Pu, Yuxie. (2001) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.

Shin, Kwan Woo. (2001) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Belenky, G., Reynolds, C.L. Jr., **Shterengas, L.**, Hybertsen, M.S., Donetsky, D.V., Shtengel, G.E., Luryi, S. (Aug. 2000) Effect of p-doping on temperature dependence of differential gain in FP and DFB 1.3 μ m InGaAsP/InP multiple quantum well lasers. *IEEE Photonics Technology Letters*, Vol. 12, No. 8: pp. 969-971.

Shterengas, L., Menna, R., Trussell, W., Donetsky, D., Belenky, G., Connolly, J., Garbuzov, D. (Sep. 2000) Effect of heterobarrier leakage on the performance of high power 1.5- μ m InGaAsP multiple quantum well lasers. *Journal of Applied Physics*, Vol. 88, No.5: pp. 2211-2214.

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

Belenky, G., **Shterengas, L.**, Trussell, W., Menna, R., Donetsky, D., Connolly, J., Garbuzov, D. (Nov. 2000) Effect of heterobarrier leakage on the performance of high power 1.5- μ m InGaAsP multiple quantum well lasers. *13th Annual Meeting IEEE Lasers and Electro-Optics Society*, Vol. 2: pp. 872-873. The Westin Rio Mar Beach, Rio Grande, Puerto Rico.

Shterengas, L., Belenky, G.L., Reynolds, C.L., Hybertsen, M.S., Focht, M., Smith, L., Peticolas, L., Stampone, D. (May 2001) Effect of the lateral carrier leakage on performance of 1.3 μ m InGaAsP MQW CMBH lasers. *Conference on Lasers and Electro-Optics*. The Baltimore Convention Center, Baltimore, Maryland.

Donetsky, D., **Westerfeld, David**, Belenky, G., Martinelli, R., Garbuzov, D., Connolly, J. (2001) Extraordinarily-wide optical gain spectrum in 2.2-2.5 μ m QW ridge-waveguide laser. *Conference on Lasers and Electro-optics*. Baltimore, Maryland.

MATHEMATICS

GRADUATE DIRECTOR: DAVID EBIN
DEPARTMENT CHAIR: DETLEF GROMOLL

❖ **Grants, Fellowships, and Awards**

Gonye, Zsuzsanna. (2011) Chair's Award for Excellence in Teaching. *Department of Mathematics*, SUNY at Stony Brook, Stony Brook, NY.

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

Kalafat, Mustafa. (2001) The Jones Polynomial of a Knot. *Department of Mathematics*, SUNY at Stony Brook, Stony Brook, NY.

MECHANICAL ENGINEERING

GRADUATE DIRECTOR: LIN-SHU WANG
DEPARTMENT CHAIR: FU-PEN CHIANG

❖ Jointly Authored Publications/Research Reports/Reviews

- Fan, C.H.** and Longtin, J.P. (2001/in press) Modeling Optical Breakdown in Dielectrics during Ultrafast Laser Processing. *Applied Optics*.
- Fan, C.H.** and Longtin, J.P. (Nov. 2000) Laser-Based Measurement of Temperature or Concentration Change at Liquid Surfaces. *Journal of Heat Transfer Vol. 122*: pp.757–762.
- Fan, C.H.** and Longtin, J.P. (Oct. 2000) Laser-Based Measurement of Liquid Temperature or Concentration at a Solid-Liquid Interface. *Experimental Thermal and Fluid Science Vol. 23*: pp. 1–9.
- Krishna, V., **Fan, C.H.**, and Longtin, J.P. (Oct. 2000) Real-Time Precision Concentration Measurement for Flowing Liquid Solutions. *Review of Scientific Instruments Vol. 71*: pp. 3864–3868.
- Bluestein, D., **Li, Y.** and Krukenkamp, I.B. (2000) The effects of pledgets location and vortex shedding on free emboli formation in mechanical heart valves. Submitted to *Annals of Biomedical Engineering*.
- Sun, J.**, Longtin, J.P., Irvine, T.F. Jr. (February 2001) Laser-Based Thermal Pulse Measurement of Liquid Thermophysical Properties. *International Journal of Heat and Mass Transfer Vol. 44*: pp. 645–657.
- Sun, J.**, Longtin, J.P., Norris, P.M., (March, 2001) Ultrafast Laser Micromachining of Silica Aerogels. *Journal of Non-Crystalline Solids Vol. 281*: pp. 39–47.
- Gaudette, G.R., **Todaro, J.**, Guan, E, Krukenkamp, I.B., and Chiang, F.P. (2000) Using Computer Aided Speckle Interferometry to Measure Deformation in the Non-beating Perfused Rabbit Heart. *ASME 2000 Advances in Bioengineering – Vol 48*: pp. 125-26.
- Gaudette, G.R., **Todaro, J.**, Chiang, F.P., Krukenkamp, I.B. (2000) Assessing Ventricular Mechanics with Computer Aided Speckle Interferometry. *Annals of Biomedical Engineering*, 28: S58.

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

- Chang, Sheng**, Guo, Y. and Chiang, F.P. (2001) Measurement of Thermal Deformation of Interconnection layers Using SIEM. *2nd International Conference on Benefiting from Thermal and Mechanical Simulation in (micro)-Electronics*. Paris, France.
- Chang, Sheng**, Warren, J. and Chiang, F.P. (2000) Mechanical Testing of EPON SU-8 with SIEM. Proceedings of *Microscale Systems: Mechanics and Measurements Symposium*: pp. 46-49. Orlando, FL.
- Chang, Sheng** and Chiang, F.P.(2000) Crack Tip Field of an HSLA-80 Steel Weldment. Proceedings of the *SEMIX International Congress on Experimental Mechanics*: pp. 785-787. Orlando, Florida.
- Fan, C.H.**, Sun, J., and Longtin, J.P. (2001) Time- and Space-Resolved Plasma Absorption of a Femtosecond Laser Pulse in Dielectrics. *35th National Heat Transfer Conference*. Anaheim, CA.
- Sun, J., **Fan, C.H.**, and Longtin, J.P. (2001) Laser Processing of Thermal Spray Pattern Using Femtosecond Pulses. *35th National Heat Transfer Conference*. Anaheim, CA.

- Fan, C.H.** and Longtin, J.P. (2000) Modeling of Optical Breakdown by Femtosecond Laser Pulses in Dielectrics. *The 2000 ASME International Mechanical Engineering Congress and Exposition*. Orlando, FL.
- Fan, C.H.** (2001) Reviewer for *35th National Heat Transfer Conference*. Anaheim, CA.
- Li, Y.** and Bluestein, D. (2000) The Effects of Implantation Techniques on Platelet Activation in a Mechanical Heart Valve- A Numerical Study. *International Mechanical Engineering Congress and Exposition, ASME*. Orlando, FL.
- Li, Y.** and Kao, I. (2001) On the stiffness control and congruence transformation using the conservative congruence transformation(CCT). *IEEE International Conference on Robotics and Automation*. Seoul, Korea.
- Chen, S.-F., **Li, Y.**, and Kao, I. (2001) A New Theory in Stiffness Control for Dexterous Manipulation. *IEEE International Conference on Robotics and Automation*. Seoul, Korea.
- Sun, J.**, Longtin, J.P., Norris, P.M. (2000) Laser Processing of Silica Aerogels Using Ultrashort Pulses. *The 2000 ASME International Mechanical Engineering Congress and Exposition*. Orlando, FL.
- Xia, J.** and Ge, Q.J. (2000) Kinematic Approximation Of Ruled Surfaces Using Nurbs Motions Of A Cylindrical Cutter. *ASME 2000 Conference*. Baltimore, MD.
- Xia, J.** and Ge, Q.J. (2000) On The Exact Computation Of The Swept Surface Of A Cylindrical Surface Undergoing Two-Parameter Rational Bezier Motions. *ASME 2000 Conference*. Baltimore, MD.

❖ **Internship Appointments**

- Xia, J.** (2000) Internship, software developer. *Sorceron Company*, New York, NY.

MOLECULAR AND CELLULAR BIOLOGY

GRADUATE DIRECTOR: NANCY C. REICH
DEPARTMENT CHAIR: WILLIAM J. LENNARZ

❖ Grants, Fellowships, and Awards

- Agbunag, Cristina.** (2001) Kevin King/John Miller Travel Award Fellowship.
- Alexandrova, Evguenia.** (2000) Soros Graduate Student Award. *International Soros Science Education Program*, Moscow, Russia.
- Caputo, Gregory.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Carlisle-Moore, Loretha.** (2001) Kevin King/John Miller Travel Award Fellowship.
- Chenoweth, Joshua.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Chenoweth, Joshua.** (2001) Kevin King/John Miller Travel Award Fellowship.
- Gu, Ying.** (2000) NIDCR/NIH, Predoctoral Dental Scientist Fellowship Service Award.
- Kocer, Salih.** (2000) Abbots Laboratory Travel Award. *Seventh International Symposium on Double-stranded RNA Viruses*.
- Lake, Michael.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Lee, Lance.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Martin, Stephen.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Rosconi, Michael.** (2000/2001) National Institute of Health Training Grant, Bethesda, MD.
- Truglio, James.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Tworkowski, Kathryn.** (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Yin, Jiang.** (2000) Travel Grant. *The 19th Annual Meeting of American Society for Virology*, Fort Collins, CO.

❖ Jointly Authored Publications/Research Reports/Reviews

- Alexandrova, E.M.** and Zaraisky, A.G. (2000) Molecular Mechanisms of early neurogenesis in vertebrates. *Mol. Bio.* 34: 496-507.
- Ballas, N., Battaglioli, E., Andres, E., Atoug, F., **Chenoweth, J.**, Anderson, M., Burger, C., Moniwa, M., Davie, J., Rose, D.W., Rosenfeld, M.G., Brehm, P., and Mandel, G. (submitted 2001) Regulation of neuronal traits by a novel transcriptional complex. *Neuron*.
- Hakimi, M.-A., Bochar, D.A., **Chenoweth, J.**, Lane, W.S., Mandel, G. and Shiekhatter, R. (submitted 2001) A core-Braf35 complex, mediates repression of neuron-specific genes. *Cell*.
- Gergel, E.I.** and Furie, M.B. (2001) Activation of endothelium by *Borrelia burgdorferi* in vitro enhances transmigration of specific subsets of T lymphocytes. *Infect. Immun.* 69: 2190-2197.
- Shamaei-Tousi, A., Burns, M.J., Benach, J.L., Furie, M.B. **Gergel, E.I.** and Bergstrom, S. (2000) The relapsing fever spirochete, *Borrelia criocidurae*, activates human endothelial cells and promotes the transendothelial migration of neutrophils. *Cell. Microbiol.* 2: 591-599.

- Furie, M.B., Raffanello, J.A., **Gergel, E.I.**, Lisinski, T.J. and Horb, L.D. (2000) Extracts of smokeless tobacco induce pro-inflammatory changes in cultured human vascular endothelial cells. *Immunopharm.* 47: 12-23.
- Boettner, B., **Govek, E.-E.**, Cross, J. and VanAelst, L. (2000) The junctional multidomain protein AF-6 is a binding partner of the Rap1A GTPase and associates with actin cytoskeletal regulator profiling. *Proc. Natl. Acad. Sci.* 97: 9064-9069.
- Schmitz, A.A., **Govek, E.-E.**, Bottner, B. and VanAelst, L. (2000) Rho GTPases: Signaling, migration, and invasion. *Exp. Cell Res.* 261(1): 1-12.
- Gu, Y.**, Kothari, M., Lee, H.M., Roemer, E., Golub, L. and Simon, S.R. (2001) Inhibition of tumor cell invasiveness by chemically modified tetracycline. *J. Dent. Res.* 80, #1509.
- Gu, Y.**, Lee, H.M., Roemer, E., Musacchia, L., Golub, L. and Simon, S.R. (2001) Inhibition of tumor cell invasiveness by chemically modified tetracyclines. *Curr. Med. Chem.* 8: 261-270.
- LaMonica, R., **Kocer, S.S.**, Nazarova, J., Dowling, W., Geimonen, E., Shaw, R.D. and Mackow, E.R. (2001/in press) VP4 differentially regulates TRAF2 signaling, disengaging JNK activation while directing NF- κ B to effect rotavirus specific cellular responses. *J. Bio. Chem.*
- Lake, M.W.**, Temple, C.A., Rajagopalan, K.V. and Schindelin, H. (2000) The crystal structure of the Escherichia coli MobA protein provides insight into molybdopterin guanine dinucleotide biosynthesis. *J. Biol. Chem.* 275: 40211-40217.
- Wines, M.E., **Lee, L.**, Katari, M.S., Zhang, L., DeRossi, C., Shi, Y., Perkins, S., Feldman, M., McCombie, W.R. and Holdener, B. (2001) Identification of mesoderm development (mesd) candidate genes by comparative mapping and genome sequence analysis. *Genomics* 72: 88-98.
- Manganas, L.N.**, and Trimmer, J.S. (2000) Subunit composition determines Kv1 potassium channel surface expression. *J. Biol. Chem.* 275(38): 29685-29693.
- Tiffany, A.M., **Manganas, L.N.**, Kim, E., Hsueh, Y.P., Sheng, M. and Trimmer, J.S. PSD-95 and SAP97 exhibit distinct mechanisms for regulating K(+) channel surface expression and clustering. *J. Cell Bio.* 148(1): 147-158.
- Wagner, M., Keane, D.R., **Melchor, J.P.**, Auspaker, K.R. and Van Nostrand, W.E. (2000) Fibrillar amyloid β -protein binds protease nexin-2/amyloid β -protein precursor: Stimulation of its inhibition of coagulation factor X1a. *Biochemistry* 27(25): 7420-7427.
- Van Nostrand, W.E., **Melchor, J.P.**, Wagner, M. and Davis, J. (2000) Cerebrovascular smooth muscle cell surface fibrillar A beta. Alteration of the proteolytic environment in the cerebral vessel wall. *Ann., NY. Acad. Sci.* 903: 89-96.
- Nguyen, J.T., **Porter, M.**, Amoui, M., Miller, W.T., Zuckermann, R.N. and Lim, W.A. (2000) Improving SH3 domain ligand selectivity using a non-natural scaffold. *Chem. and Biol.* 7: 463-473.
- Porter-Scott, Margaret**, Schindler, T., Kuriyan, J. and Miller, W.T. (2000) Reciprocal regulation of Hck activity by phosphorylation of Tyr527 and Tyr416. *J. Biol. Chem.* 275: 2721-2726.
- Rudolph, M.J.**, Wuebbens, M.W., Rajagopalan, K.V. and Schindelin, H. (2000) Crystal structure of molybdopterin synthase and its evolutionary relationship to ubiquitin activation. *Nature Struct. Bio.* 8(1): 42-46.
- Rudolph, M.J.** and Gergen, J.P. (2001) Recurring themes for regulating the activity of Ig-fold transcription factors. *Nature* 8(5).
- Scott, M.P.** and Miller, W.T. (2000) A peptide model system for processive phosphorylation by Src-family kinases. *Biochem.* 39: 14531-14537.
- Taylor, L.J.**, Walsh, A., Hearing, P. and Bar-Sagi, D. (2000) Single cell assays for Rac activity. *Meth. In Enzymol.* 325(29): 327-334.

MOLECULAR AND CELLULAR BIOLOGY

- O'Connor, R.J., Schaley, J., **Taylor, L.J.**, Bar-Sagi, D. and Hearing, P. (2000) Induction of the cellular E2F-1 promoter by the adenovirus E4-6/7 protein. *J. of Virology* 74(5): 2084-2093.
- Williams, D.L., **Temel, R.E.** and Connelly, M.A. (2000) Roles of scavenger receptor BI and APO A-I in selective uptake of HDL cholesterol by adrenal cells. *Endo. Res.* 26(4): 639-651.
- Paul, A.V., Mugavero, J. **Yin, J.**, Hobson, S., Schultz, S., van Boom, J.H. and Wimmer, E. (2000) Studies on the attenuation phenotype of polio vaccines: Poliovirus RNA polymerase derived from Sabin type 1 sequence is temperature sensitive in the uridylylation of VPg. *J. of Virology* 272(1): 72-84.
- Zappulla, D.C.**, Andrulis, E.D., Perrod, S., Ansari, A., Gartenberg, M.R. and Sternglanz, R. (2000) ESC1, A Protein that Binds to SIR4 and Localizes to the Nuclear Property. *Chromatin Structure and Function*.

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

- Anderson-Till, E.** and Lennarz, W. (2001) Identification of intermediates in Rnase refolding by yeast protein disulfide isomerase. *American Society for Biochemistry and Molecular Biology Experimental Biology Conference*. Orlando, FL.
- Caputo, G.**, Lew, S. and London, E. (2001) The effect of the sequence of hydrophobic helices on the stability of transmembrane insertion and helix-helix interactions in membranes. *Abstract, 45th Annual Biophysical Society Meeting*. Boston, MA.
- Gu, Y.**, Kothari, M., Lee, H.M., Roemer, E., Golub, L. and Simon, (2001) S.R. Inhibition of tumor cell invasiveness by chemically modified tetracycline. *Annual American Association for Dental Research Meeting*. Chicago IL.
- Kocer, Salih.** (2000) *Seventh International Symposium on double-stranded RNA viruses*. Palm Beach, Aruba.
- Porter-Scott, Margaret.** (2000) The dual role of the SH2 and SH3 domains of Src family kinases in substrate phosphorylation. Talk presented at *FASEB Meeting on Signal Transduction in the Immune System*.
- Rosconi, M.P.**, Zhao, G., Cheng, T.-F. and London, E. (2001) Membrane topography of the hydrophobic helices of diphtheria toxin T domain. Poster presentation at the *45th Annual Biophysical Society Meeting*. Boston, MA.
- Temel, R.E.**, Parks, J.S., Walzem, R.L. and Williams, D.L. (2000) HDL from apoA-I deficient mice binds SR-BI but shows reduced selective cholesteryl ester uptake. *Scientific Session of the American Heart Association*. New Orleans, LA.
- Temel, R.E.**, Walzem, R.L. and Williams, D.L. (2000) HDL from apoA-I deficient mice binds SR-BI but shows reduced selective cholesteryl ester uptake. *Kern Aspen Lipid Conference*. Aspen, CO.
- Yin, J.**, Paul, A.V. and Wimmer, E. (2000) Interaction of poliovirus VPg with viral RNA polymerase is correlated with viral viability. *The 19th Annual Meeting of American Society for Virology*. Ft. Collins, CO.
- Paul, A.V., Rieder, E., Gerber, K., **Yin, J.**, van Boom, J. and Wimmer E. (2001) Cre-dependent uridylylation of Enterovirus and Rhinovirus VPgs: A mechanism designed for genome-specific initiation of RNA replication. *International Plus-strand RNA Virus Meeting*. Paris, France.
- Zapulla, D.C.**, Andrulis, E.D., Perrod, S., Gartenberg, M.R. and Sternglanz, R. (2000) ESC1, A Protein that Binds to SIR4 and Localizes to the Nuclear Property. Poster presentation at *Keystone Symposium: Chromatin Structure and Function*. Durango, CO.

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

Gillitzer, Eric. Post-Doctoral Fellow. *Ross University School of Veterinary Medicine*, West Indies.

Kurtzman, Aaron. Post-Doctoral Fellow. Maxygen, Inc., Redwood City, CA.

Rodriguez, Jose A. Post-Doctoral Fellow. *Cold Spring Harbor Laboratory*, NY.

❖ **Internship Appointments**

Gergel-Teng, Edna. (2000) Scientific Advisor Internship. *Hoffmann and Baron, LLP.*, Syosset, NY .

MOLECULAR MICROBIOLOGY

PROGRAM DIRECTOR: PATRICK HEARING

DEPARTMENT CHAIRMAN: MICHAEL HAYMAN

❖ Grants, Fellowships, and Awards

- Mueller, Steffen.** (1999-2000) Boehringer Ingelheim Doctoral Fellowship (Extension). *Boehringer Ingelheim Fonds*, Heidesheim, Germany.
- Mueller, Steffen.** (2000) Abrahams Award for Outstanding Scientific Achievement by a Graduate Student, \$300. *Department of Molecular Genetics and Microbiology*, SUNY Stony Brook, Stony Brook, NY.
- Parrish, William.** (2000) Distinguished Service Award. *Department of Molecular Genetics and Microbiology*, SUNY Stony Brook, Stony Brook, NY.
- Schaley, Joel.** (2000) Abrahams Award for Outstanding Scientific Achievement by a Graduate Student, \$300. *Department of Molecular Genetics and Microbiology*, SUNY Stony Brook, Stony Brook, NY.
- VerPlank, Lynn.** (2000) Distinguished Service Award. *Department of Molecular Genetics and Microbiology*, SUNY Stony Brook, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

- Evans, J.D.** and Hearing, P. (in press) Adenovirus Replication. *Adenoviral Vectors for Gene Therapy*. D.T. Curiel and J.T. Douglas, Eds. San Diego, CA: Academic Press.
- Montagna, L.,** Ivanov, M.I., and Bliska, J.B. (2000) Identification of residues in the amino-terminal domain of the Yersinia tyrosine phosphatase that are critical for substrate recognition. *J. Biol. Chem.* 276: 5005-5011.
- Li, X,** Borman, V.D., **Mueller, S.,** and Wimmer, E. (2001) The C-terminal residues of poliovirus proteinase 2A^{pro} are critical for viral RNA replication but not for *cis*- and *trans*-proteolytic cleavages. *J. Gen. Virol.* 82: 397-408.
- He, Y., Borman, V.D., **Mueller, S.,** Bator, C., Bella, J., Peng, X., Baker, T.S., Wimmer, E., Kuhn, R.J., and Rossmann, M.G. (2000) Interaction of the poliovirus receptor with poliovirus. *Proc. Natl. Acad. Sci. USA* 97: 79-84.
- Mueller, S.** and Wimmer, E. (2000) Picornaviruses as tools of antigen delivery. *Viral Vectors in Gene Therapy and Basic Research*. A. Cid-Arregui and A. Garcia-Carranca, Eds. Eaton Publishing: Natick, MA.
- O'Connor, R.J., **Schaley, J.E.,** Feeney, G., and Hearing, P. (2001) The p107 tumor suppressor induces stable E2F DNA binding to repress target promoters. *Oncogene* 20: 1882-91.
- VerPlank, L.,** Bouamr, F., LaGrassa, T.J., Agresta, B., Kikonyogo, A., Leis, J., and Carter, C. (2001/in press) Tsg101, A Homologue of Ubiquitin-Conjugating (E2) Enzymes, Binds the L Domain in Human Immunodeficiency Virus Type 1 Pr55^{Gag}. *Proc. Natl. Acad. Sci.*
- Zhao, W.** and Wimmer, E. (2001/in press) A new domain II structure of the Internal Ribosomal Entry Site (IRES) of Hepatitis C Virus based on genetic analysis of a Polio/HCV Chimera. *J. Virology*.
- Zhao, W.,** Lahser, F., and Wimmer, E. (2001) Genetic analysis of a poliovirus/hepatitis C virus (HCV) chimera: interaction between the poliovirus cloverleaf and a sequence in the HCV 5' nontranslated region results in a replication phenotype. *J. Virology* 74: 6223-6.

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

Evans, J.D. and Hearing, P. (2000) Genetic Analysis of Adenovirus E4ORF3 Function. *The Molecular Biology of DNA Tumor Viruses Conference*. University of Wisconsin-Madison, WI.

Mueller, S., Cao, X., and Wimmer, E. (2000) Interaction of the poliovirus receptor CD155 with Tctex-1, a subunit of cytoplasmic dynein, and its implications for poliovirus pathogenesis. *Keystone Symposia: Cell Biology of Virus Entry, Replication, and Pathogenesis*. Taos, New Mexico.

Zhao, W. and Wimmer, E. (2000) A new domain II structure of the Internal Ribosomal Entry Site (IRES) of Hepatitis C virus based on genetic analysis of a polio/HCV chimera. *American Society for Virology 19th annual meeting*. Colorado State University, Fort Collins, CO.

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

Koons, Michelle. (2001) Senior Scientific Communications Specialist. *WLS Inc.*, Lake Grove, NY.

Lang, Steven. (2001) Post-Doctoral Fellow. Department of Molecular Genetics and Microbiology, *SUNY Stony Brook*, Stony Brook, NY.

Montagna, Lee. (2000) Research Scientist. *The Nathan S. Kline Institute for Dementia Research*, Orangeburg, NY.

Schaley, Joel. (2001) Post-Doctoral Fellow. *Burnham Institute*, La Jolla, CA.

Sepeshri, Setareh. (2000) Post-Doctoral Fellow. Bone and Mineral Center, *University College London*, United Kingdom.

Verplank, Lynn. (2001) Post-Doctoral Fellow. Department of Cell Biology, *Harvard Medical School*, Boston, MA.

MUSIC

GRADUATE DIRECTOR: PETER WINKLER
DEPARTMENT CHAIR: DAVID LAWTON

❖ Grants, Fellowships, and Awards

- Cherbas, Katherine.** (2001) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.
- Heckert, Deborah.** (2000) Ralph Vaughan Williams Fellowship. *the Carthusian Trust*.
- Morkowski, Molly.** (2001) Fellowship *Tanglewood Music Festival*, Lenox, MA.
- Medicky, Borys.** (2000) Fellowship. *Amherst Early Music Festival*, Amherst, MA.
- Koontz, Daniel.** (2001) Fellowship. *MacDowell Colony*, Peterborough, NH.
- Koontz, Daniel.** (2001) Fellowship. *Guggenheim Memorial Foundation*, New York, NY.
- Kokolus, Barbara.** (2000) Finalist. *Puccini/Albanese vocal Competition*, Marymount Manhattan College, NY.
- Swihart, Matthew.** (2001) Fellowship: Study of valve trumpet techniques at the Musikhochschule. *J. William Fulbright Foundation*, Detmold, Germany.

❖ Singly Authored Publications/Research Reports/Reviews

- Barg, Lisa.** (2000) Black Voices/White Sounds: Race and Representation in Virgil Thomson's "Four Saints in Three Acts." *American Music Vol.18, no. 2*.
- Heckert, Deborah.** (2000) "A Typically English Institution." A Context for Vaughan Williams's Masques. *Journal of the Ralph Vaughan Williams Society, no. 19*: pp. 3-5.

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

- Bain, Jennifer.** (2000) The Role of Imperfect Sonorities in Machaut Songs. *American Musicological Society*. Toronto, Ontario, Canada.
- Bain, Jennifer.** (2000) Performance considerations and the "res dalemangne." *36th International Congress on Medieval Studies, International Machaut Society*.
- Barg, Lisa.** (2000) Paul Robeson's Voice and the Cultural Politics of "People's Music." *Society for American Music*. Toronto, Ontario, Canada.
- Hanley, Jason.** (2000) "The Land of Rape and Honey:" Images of Fascist and Nazi Propaganda in the Music Videos of Ministry and Laibach. *International Association for the Study of Popular Music*. Toronto, Ontario, Canada.
- Heckert, Deborah.** (2000) "If we seek for art, we shall not find it:" Vaughan Williams and the masque. Conference *RVW2000: International Vaughan Williams Symposium*. Charterhouse School, Surrey, England.
- Martin, Margaret.** (2000) Looney Tunes as Postmodern Icon: Origins and Developments in the Cartoon Music of Carl Stalling. *American Musicological Society*, Toronto, Ontario, Canada.
- Yri, Kirsten.** (2000) Female Vocality and the Celtic in Loreena McKennitt and Enya. *International Association for the Study of Popular Music*. Toronto, Ontario, Canada.

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

- Bain, Jennifer.** (2001) Visiting Assistant Professor. Music History, *University of British Columbia*, Canada.
- Christenson, Brandon.** Visiting Professor. *Dickinson College*, Carlisle, PA.
- Gelman, Larisa** (2001) Principal Bassoon. *Key West Symphony*, Key West, FL.
- Hiebert, Cynthia.** (2000) Harpsichordist. *New York Baroque Ensemble*, New York, NY.
- Ilyushina, Vera.** (2000-2001) Violinist. *Atlanta Symphony Orchestra*, Atlanta, GA.
- Ingles, Gregory.** (2000) Member. *Piffaro* (Renaissance wind band) Philadelphia, PA.
- Nugent, Barli.** (2000) Honorary faculty member and Artistic Co-Director of the American Artists Master Classes series. *Guangxi Arts College*, Nanning, China.
- Su, Tina.** (2000) French Horn. *Taipei Symphony Orchestra*, Taipei, Taiwan.
- Tzavaris, Nicholas.** (2000) Member. "Shanghai quartet," artist-in residence, *University of Richmond*, Virginia and *Shanghai Conservatory*, China.
- Yri, Kirsten.** (2001) Associate Professor. *Wilfred Laurier University*, Waterloo, Ontario, Canada.

❖ **Performances**

- Bucknell, Peter.** (2000) Principal Viola. *New York Collegium*, performances with *Ensemble Rebel*.
- Ingles, Gregory.** (2001) Performances with *New York Collegium*. New York, NY.; and *San Francisco Bach Choir*, San Francisco, CA.
- Gelman, Larisa.** (2000) Second bassoon, *Colorado Music Festival*.
- Kokolus, Barbara.** (2001) Performances in two short operas: "Women of the Lighthouse" (Chase Morrison), "Introductions and Good-byes" (Lukas Foss). *Symphony Space*, New York, NY. Broadcast nationally by NPR as part of the *Selected Shorts* series.
- Wunsch, Gabrielle.** (2000) Performance of Mozart 5th violin concerto and Bach Double Violin Concerto. *Montana State University Chamber Orchestra*, Bozeman, Montana.
- Yang, Uk Jin.** (2001) New York Debut recital. *Weil Recital Hall*, New York, NY.
- Vaillancourt, Paul; Martin, Andree; Long, Kenneth; Painter, Gabrielle; Docking, Simon; Russell, David; Kokolus, Barbara.** ("The Furious Band"). (2000-2001) Residencies at Banff Center for the Arts. *Canada*, and *Wesleyan University*, Middletown, Connecticut. Concerts at *William Paterson University*, NJ.; and *SUNY Purchase*, NY.

❖ **Recordings**

- Bucknell, Peter.** (2001) Mozart Piano Quartets with the *Four Nations Ensemble* on period instruments. Hyperion CD.
- Ingles, Gregory.** (2001) "Odhecaton A" with *Piffaro*. Hyperion CD.

NEUROBIOLOGY AND BEHAVIOR

GRADUATE DIRECTOR: MARY KRITZER
DEPARTMENT CHAIR: LORNE MENDELL

❖ Grants, Fellowships, and Awards

Coburn-Litvak, P.S. (2000-2003) National Institutes of Health Individual National Research Service Award (Predoctoral). *Glucocorticoids vs. Exercise in the Hippocampus* #1F31MH1267701.

Tong, J. (2000-2001) Ellison Medical Foundation New Opportunities Award on Oxidative stressed A-beta over expression flies-A Drosophila Alzheimer's Model. *Ellison Med NO-0009-00*.

❖ Jointly Authored Publications/Research Reports/Reviews

Boiko, T., Rasband M.N., Levinson S.R., Caldwell J.H., Mandel G., Trimmer J.S. and Matthews G. (2001) Compact Myelin Dictates the Differential Targeting of Two Sodium Channel Isoforms in the Same Axon. *Neuron*.

Evinger C., Mao J-B., Powers A.S., **Kassem, I.S.**, Schicatano E.J., **Henriquez, V.M.** and Peshori K.R. (in press) Dry Eye, Blinking and Blepharospasm. *Proceedings of the 2nd European Meeting on Brainstem Function and Pathophysiology*. Amsterdam, The Netherlands.

Thaler C., **Li, W.**, Brehm P. (2001) Calcium Channel Isoforms Underlying Synaptic Transmission at Embryonic Xenopus Neuromuscular Junctions. *J Neurosci Vol. 21*: pp. 412-422.

Li, W., Thaler C., Brehm P. (in press) Calcium channels in Xenopus spinal neurons differ in terminals. *J. Neurophysio.*

Anderson B.J., Rapp D., Baek D., **Coburn-Litvak, P.S.**, McCloskey D., Robinson J. (2000) Exercise influences 8-arm radial maze performance. *Physiology and Behavior* 70(5):425-429.

Anderson B.J., Gately S.J., Rapp D.N., **Coburn-Litvak, P.S.**, Volkow N.D. (2000) The ratio of striatal D1 to muscarinic receptors changes in aging rats housed in an enriched environment. *Brain Res* 872: 262-265.

Rosati, B., **Pan, Z.**, Lypen, S., Wang, H.S., Cohen, I., Dixon, J.E. and McKinnon, D. (in press) Transcriptional regulation of the KCHIP2 gene underlies the gradient of transient outward current in canine and human ventricle. *J. of Physiology*.

Yu H., Wymore R.S., Wu J., Potapova I., Wymore R.T., Holmes B., Zuckerman J., **Pan, Z.**, Wang H., Shi W., Robinson R.B., El-Maghrabi R., Benjamin W., Dixon J.E., McKinnon D., and Cohen I. (submitted) S. Mirp1: a beta subunit for the HCN ion channel family enhances expression and speeds kinetics. *Circulation Research*.

Tong, J. et al. (2000) A neurofibromatosis-1-regulated pathway is required for learning in Drosophila. *Nature* (403) Feb, 895-898.

Jatzke, C., **Watanabe, J.**, Wollmuth, L. P. (submitted) Voltage and Concentration Dependence of Ca²⁺ Permeability in Glutamate Receptor Subtypes. *The Journal of Physiology*.

Watanabe, J., C. Beck, A. Sobolevsky, T. Kuner, and L.P. Wollmuth (submitted) DRPEER: A Motif in the Extracellular Vestibule Conferring High Ca²⁺ Flux Rates in NMDA Receptor Channels. *Neuron*.

Jatzke, C., **Watanabe, J.**, Wollmuth, L.P. (submitted) Voltage and Concentration Dependence of Ca²⁺ Permeability in Glutamate Receptor Subtypes. *The Journal of Physiology*.

Watanabe, J., Beck, C. Sobolevsky, A., Kuner, T., Wollmuth, L.P., (submitted) DRPEER: A Motif in the Extracellular Vestibule Conferring High Ca²⁺ Flux Rates in NMDA Receptor Channels. *Neuron*.

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

Bhatt, D.H., Liu, K.S., Fetcho, J.R. (2000) Identifying spinal interneurons involved in motor behaviours of zebrafish by simultaneous calcium imaging and high speed motion analysis. *Annual meeting for the Society for Neuroscience*. New Orleans, Louisiana.

Bhatt, D.H., DePoister B., Palma S.A., Fetcho J.R. (2001) Monitoring the regeneration and functional recovery of injured spinal cord in larval zebrafish. *Annual meeting for the Society for Neuroscience*. San Diego, California.

Bhatt, D.H., Hale M.E., Fetcho J.R. (2001) Activation of zebrafish spinal interneurons in different forms of the escape behaviour. *Annual meeting for the Society for Neuroscience*. San Diego, California.

Higashijima S., **Bhatt, D.H.**, Mandel G., Fetcho J.R. (2001) Neurotransmitter properties of spinal interneurons in embryonic/larval zebrafish. *Annual meeting for the Society for Neuroscience*. San Diego, California.

Boiko, T., Rasband, M.N., Trimmer, J.S., Caldwell, J.H., Levinson, S.R., and Matthews, G. (2000) Differential spatial targeting of sodium channel isoforms in CNS axons. *Society for Neuroscience Meeting*. New Orleans.

Creutz, L.M. and Kritzer, M.F. (2001) Immunoreactivity for the Estrogen Receptor β Isoform Colocalizes with Specific Subsets of Midbrain Dopamine Neurons in Adult Rats: Comparison with Patterns of Colocalization for Androgen Receptor and Estrogen Receptor α Immunoreactivity. Abstract, *Society for Neuroscience Meeting*, San Diego, CA.

Henriquez, V.M., Evinger, C. (2001) Caudal trigeminal nucleus modulates corneal reflex blink amplitude. *31st Annual Meeting Society for Neuroscience*. San Diego, CA.

Kassem, I.S., Evinger, C. (2001) Do humans exhibit eyelid dominance? Abstract, *31st Annual Meeting Society for Neuroscience*, San Diego, CA.

Anderson, B.J., McCloskey, D.M., Adamo, D.S., **Coburn-Litvak, P.S.** (2001) Exercise that alters Hippocampus-related Behavior and Metabolic Capacity in Motor Structures Does Not Alter Metabolic Capacity in the Hippocampus. Poster presented at the *34th annual Winter Conference on Brain Research*. Steamboat Springs, CO.

Coburn-Litvak, P.S., Pothakos, K., Tata, D.A., Anderson, B.J. (2000) Does CA3 Synapse Density Change after 21 Days of Corticosterone Injections? *Soc Neurosci Abstr* 372.9.

Pothakos, K., Kawashima, N., **Coburn-Litvak, P.S.**, McCloskey, D.P., Tata, D.A., Adamo, D.S., Anderson, B.J. (2000) Corticosterone Injections Disturb Circadian Behavioral Rhythm. *Soc Neurosci Abstr* 372.11.

Powers A.S., **Coburn-Litvak, P.S.**, Evinger C. (2000) A Conditioned Blink is Not a Blink. *Soc Neurosci Abstr*. 745.4.

Coburn-Litvak, P.S., Tata DA, Gorby H, Lawrence DM, Ansari B, Razi R, Anderson BJ. (submitted 2001) Effects of 2 months Administration of Stress-Related Hormones on Behavior, CA3 Cell Numbers, Neuropil Volume, Glial Volume, and Synapse Numbers. *Society for Neuroscience*.

Rosati, B., Lypen, S., **Pan, Z.**, Wang, H.S., Cohen, I., Dixon, J.E. and McKinnon, D. (2001) Contribution of the KChIP2 accessory subunit to native I_{to} K⁺ channels in canine heart. *Biophysical Journal, Abstracts, Vol. 80, No.1*: P. 638a.

Reichova, I., Cox, C.L., Sherman, S.M. (2000) Spike frequency adaptation in cells of the lateral geniculate nucleus. *Abstract 447.15, Society for Neuroscience Meeting*. New Orleans.

NEUROBIOLOGY AND BEHAVIOR

- Cox, C.L., **Reichova, I.**, Sherman, S.M. (2000) Intranuclear axon collaterals of thalamic relay cells contact interneurons in the cat's lateral geniculate nucleus. *Abstract 447.16, SFNM*. New Orleans.
- Tong, J.**, Guo H.F., Hannan F., Luo L., Zhong Y. (2000) NF-1 dependent activation of adenylyl cyclase(s) in invertebrates and vertebrates. *NNFF Consortium for the Molecular Biology of NF1 and NF2*.
- Tong, J.** Guo H., Hannan F., Hakker I., An J., Zhong Y. (2000) NF1-Regulated Adenylyl Cyclase Pathway. *Abstract 345.9 Neuroscience meeting*. New Orleans.
- Tong, J.** (2001) Neurofibromatosis-1 Regulated Aging and Stress Behavior. Abstract submitted, *Neuroscience meeting*. San Diego, CA.
- Jatzke, C., **Watanabe, J.**, Wollmuth, L.P. Determinants of Ca²⁺ Flux in Ca²⁺-permeable AMPAR Channels. *Society for Neuroscience*.
- Watanabe, J.**, Jatzke, C., Wollmuth, L.P. Domains Underlying the Block of NMDA Receptor Channels by Extracellular Ca²⁺. *Society for Neuroscience*.

❖ Post-Doctorates Obtained and Professional Appointments

- Boiko, T.** (2001) Post-Doctoral Fellow. Department of Biochemistry and Cell biology, *Mount Sinai School of Medicine*, New York, NY.

ORAL BIOLOGY AND PATHOLOGY

GRADUATE DIRECTOR: JERRY POLLOCK
DEPARTMENT CHAIR: ISRAEL KLEINBERG

❖ Jointly Authored Publications/Research Reports/Reviews

Liu, Y., Ramamurthy, N.S., Marecek, J., Lee, H.M., Chen, J.L., Ryan, M.E., Rifkin, B.R., and Golub, L.M. (2001) The lipophilicity, pharmacokinetics, and cellular uptake of different chemically-modified tetracyclines (CMTs). *Current Medicinal Chemistry*, 8: 243-252.

Ramamurthy, N.S., Bain, S., Liang, C.T., Barnes, J., Liavaneras, A., **Liu, Y.**, Puerner, D., Strachan, M.J., and Golub, L.M. (2001) A combination of subtherapeutic doses of chemically modified doxycycline (CMT-8) and a bisphosphate (Clodronate) inhibits bone loss in the ovariectomized rat: a dynamic histomorphometric and gene expression study. *Current Medicinal Chemistry*, 8: 295-303.

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

Liu, Y., Ryan, M.E., Lee, H.M., Tortora, G., Simon, S., Tempro, P.J., and Golub, L.M. (2001) A chemically modified tetracycline is a surprising new antifungal agent. *American Association for Dental Research (AADR 30th Annual Meeting)*, Oral Session #845.

Lee, H.M., Hernandez, L., Simon, S., **Liu, Y.**, Ryan, M.E., and Golub, L.M. (2001) Subantimicrobial dose Doxycycline (SDD), reduces TNF- α and MMP-9 production in human monocytes. *American Association for Dental Research (AADR 30th Annual Meeting)*, Poster Session #1485.

❖ Patents

Liu, Y., Golub, L., Ryan, M., Lee, H.M., and Simon, S. (2000) *Chemically Modified Non-antibacterial Tetracycline Analogs as New Anti-fungal Agents*. US Provisional Patent, filed on June 2.

PATHOLOGY

GRADUATE DIRECTOR: NANCY C. REICH
DEPARTMENT CHAIR: BERNARD LANE

❖ Grants, Fellowships, and Awards

Trujillo, Glenda. (2000/2001) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.

❖ Jointly Authored Publications/Research Reports/Reviews

Deutsch, D.G., **Glaser, S.T.**, Howell, J.M., Kunz, J.S., Puffenbarger, R.A., Hillard, C.J. and Abumrad, N. (2001) The cellular uptake of anandamide is coupled to its breakdown by fatty acid amide hydrolase (FAAH). *J. Biol. Chem.* 276(10): 6967-6973.

McBride, K.M., McDonald, C. and Reich, N.C. (2000) Nuclear export signal located within the DNA-binding domain of the STAT1 transcription factor. *Embo J.* 19(22): 6196.

McBride, K.M., **McDonald, C.** and Reich, N.C. (2000) Nuclear Export signal located within the DNA-binding domain of the STAT1 transcription factor. *Embo J.* 19(22): 6196.

Varlam, D.E., **Siddiq, M.M.**, Parton, L.A. and Russmann, H. (2001) Apoptosis contributes to amphotericin B-induced nephrotoxicity. *Antimicrobial Agents and Chemotherapy* 45(3): 679-685.

DiMartino, S.J., Shah, A.B., **Trujillo, G.** and Kew, R.R. (2001) Elastase controls the binding of the vitamin D binding protein (Gc-globulin) to neutrophils: A potential role in the regulation of C5a co-chemotactic activity. *J. Immunol.* 166: 2688-2694.

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

Glaser, S.T., Howell, J.M., Kunz, J., Studholme, K.M., Yazulla, S. Abumrad, N. and Deutsch, D.G. (2000) Uptake of anandamide in cultured cells and retina. *International Cannabinoid Research Society Symposium.* Hunt Valley, MD.

Studholme, K.M., **Glaser, S.T.**, Deutsch, D.G. and Yazulla, S. (2000) Retinal cannabinoids: Comparative distribution of anandamide uptake and fatty acid amide hydrolase immunoreactivity in goldfish retina. Poster at *Association for Research Vision and Ophthalmology.* Ft. Lauderdale, FL.

Kothari, M. and Simon, S.R. (2000) Effects of chemically modified tetracyclines on matrix metalloprotease and PSA in prostate tumor cell lines. *Society for Basic Urologic Research, Fall Symposium.* Sanibel Harbour, Ft. Myers, FL.

Gu, Y., **Kothari, M.**, Lee, H.M., Roemer, E., Golub, L. and Simon, S.R. (2001) Inhibition of tumor cell invasiveness by chemically modified tetracyclines. *American Association for Dental Research.* Chicago, IL.

Siddiq, M.M. and Tsirka, S. (2000) Elimination of microglia suggests their involvement in neuronal plasticity. *Society for Neuroscience, 30th Annual Meeting.* New Orleans, LA.

❖ Post-Doctorates Obtained and Professional Appointments

Lim, Seung. Post-Doctoral Fellow. School of Medicine, *University of Rochester,* Rochester, NY

McDonald, Christine. Post-Doctoral Fellow. *Biological Chemistry Department,* University of Michigan. Ann Arbor, MI.

PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: JOANNE ENGEBRECHT
INTERIM DEPARTMENT CHAIR: DAVID WILLIAMS

❖ Grants, Fellowships, and Awards

- DeLucia-Deranja, Evan.** (2000) Van der Kloot Award for Excellence in Teaching, \$500. *Department of Molecular and Cellular Pharmacology, SUNY at Stony Brook, Stony Brook, NY.*
- Klein, Seth.** (2001) The Judith A. Paldy Excellence in Pre-service Science Teaching Award, \$250.
- Levine, Robert L.** (2001) Van der Kloot Award for Excellence in Research, \$500. *Department of Molecular and Cellular Pharmacology, SUNY at Stony Brook, Stony Brook, NY.*
- Levine, Robert L.** (1999-2001) Predoctoral Fellowship in Pharmacology, \$25,000. *Pharmaceutical Research and Manufacturer's of America (PhRMA).*
- Lu, Weiquan.** (2001) Chapter Sigma Xi Fraternity Excellence in Research Award. *SUNY at Stony Brook, Stony Brook, NY.*
- Pang, Maria.** (2001) Alliance for Inclusive Graduate Education and the Professoriate (AGEP) Supply Stipend Awards, \$300. *SUNY at Stony Brook, Stony Brook, NY.*
- Pang, Maria.** (1997-2000) Minority Research Fellowship, NIH, \$3,000.
- Perez-Jannotti, R.M.** (2001) Alliance for Inclusive Graduate Education and the Professoriate (AGEP) Supply Stipend Awards, \$300. *SUNY at Stony Brook, Stony Brook, NY.*
- Perez-Jannotti, R.M.** (1996-2000) W. Burghardt Turner Fellow. *SUNY at Stony Brook, Stony Brook, NY.*
- Siao, Chia-Jen (Jean).** (2001) Chapter Sigma Xi Fraternity Research Travel Award, \$200. *SUNY at Stony Brook, Stony Brook, NY.*

❖ Jointly Authored Publications/Research Reports/Reviews

- McCaughran, Jr., J.A., **Bell III, James**, and Hitzemann R.J. (1999) On the relationships of high-frequency hearing loss and cochlear pathology to the acoustic startle response (ASR) and prepulse inhibition of the ASR in the BXD recombinant inbred series. *Behavior Genetics* 29: 21-30.
- McCaughran, Jr., J.A., **Bell III, James**, and Hitzemann, R.J. (2000) Fear-potentiated startle response: Genetic analysis of the C57BL/6J and DBA/2J intercross. *Pharmacology, Biochemistry and Behavior* 65: 301-312.
- McGrath, W.J., **Baniecki, M.L.**, Brown, M.T., Li, C., McWhirter, S.M., Toledo, D.L. and Mangel, W.F. (submitted 2000) Human adenovirus proteinase- binding to DNA and stimulation of enzyme activity by DNA. *Biochemistry*.
- Baniecki, M.L.**, McGrath, W.J., McWhirter, S.M., Ratnarathorn, M., Li, C., Toledo, D.L., Pellicena, P., Barnard, D. and Mangel, W.F. (2000/in press) Interaction of the Human Adenovirus Proteinase with its Eleven Amino-Acid Cofactor pVIc. *Biochemistry*.
- McGrath, W.J., **Baniecki, M.L.**, Green, D., Peters, E. and Mangel, W.F. (submitted 2000) Interaction of the human adenovirus proteinase and its cofactors: Roles of two cysteine residues. *Biochemistry*.

PHARMACOLOGICAL SCIENCES

- Mangel, W.F., Toledo, D.L., **Brown, M.T.**, Ding, J., Sweet, R.M., Barnard, D.L., and McGrath, W.J. (2000) Adenovirus proteinase- Antiviral target for triple-combination therapy on a single enzyme: Potential inhibitor binding sites, in "Proteases as Targets for Therapy." von der Helm, K., Korant, B., and Cheronis, J.C, Eds. *Handbook of Experimental Pharmacology Vol. 140*: pp. 145-158, 398-399. Springer, Berlin.
- Mangel, W.F., **Brown, M.T.**, Baniecki, M.L., Barnard, D., McGrath, W.J. (2001/in press) A Prevention of viral drug resistance by novel combination therapy. *Current Opinion in Investigational Drugs*.
- Mangel, W.F., McGrath, W.J., **Brown, M.T.**, Baniecki, M.L. and Pang, Y.-P. (2001/in press) A new form of antiviral combination therapy predicted to prevent resistance from arising, and a model system to test it. *Current Medicinal Chemistry*.
- Chen, Bin**, Harms, E., Chu, T., Henrion, G., and Strickland, S. (1999) Completion of meiosis in *Drosophila* oocytes requires transcriptional control by grauzone, a new zinc finger protein. *Development 127*: 1243-1251.
- Walsh, A.B., Yatsula, B., **Egan, J.E.**, Keller, J.C., Roy, C.R., and Bar-Sagi, D. (2001/in press) hSpry2, a human homolog of *Drosophila* Sprouty, inhibits EGF receptor signaling. *Proc. Natl. Acad. Soc.*
- Yancey, P.G., de La Llera-Moya, M., Swarnakar, S., Monzo, P., **Klein, S.M.**, Connelly, M.A., Johnson, W.J., Williams, D.L., and Rothblat, G.H. (2000/in press) HDL phospholipid composition is a major determinant of the bi-directional flux and net movement of cellular free cholesterol mediated by scavenger receptor-BI (SR-BI). *J. Biol. Chem.*
- Hall, Brian E.**, Yang, S.-S., Boriack-Sjodin, P., Kuriyan, J., and Bar-Sagi, D. (2001/in press) Structure-based mutagenesis reveals distinct functions for Ras switch1 and switch2 in Sos catalyzed nucleotide exchange. *J. Biol. Chem.*
- Sciorra, V.A., **Hammond, S.M.**, and Morris, A.J. (2001) Potent direct inhibition of mammalian phospholipase D isoenzymes by calphostin-c. *Biochemistry 40*: 2640-2646.
- Levine, Robert L.**, Yang, I-Y., Hussain, M., Grollman, A.P., and Moriya, M. (2000) Mutagenesis by a single 1,N⁶-ethenodeoxyadenosine adduct in human cells. *Cancer Res. 60*: 4098-4104.
- Levine, Robert L.**, Miller, H., Grollman, A., Ohashi, E., Ohmori, H., Masutani, C., Hanaoka, F., and Moriya, M. (2001/in press) Translesion DNA synthesis catalyzed by human pol h and pol k across 1,N⁶-ethenodeoxyadenosine. *J. Biol. Chem.*
- Bogenhagen, D.F., Pinz, K.G., and **Perez-Jannotti, R.M.** (2001) A Enzymology of Mitochondrial Base Excision Repair. *Progress in Nucleic Acid Research and Molecular Biology, 68*: 257-272. Academic Press: New York.
- Perez-Jannotti, R.M.**, Klein, S.M., Bogenhagen, D.F. (submitted 2001) Mitochondrial DNA Ligase Activities from *Xenopus laevis* Oocytes are Produced by the DNA ligase III Gene.
- Roberts, Roy Z.** and Morris, A.J. (2000) Role of phosphatidic acid phosphatase 2a in uptake of extracellular lipid phosphate mediators. *Biochem. Biophys. Acta. 55656*: 1-17.
- Wang, Z., Sciorra, V.A., **Roberts, Roy Z.**, Smyth, S.S., and Morris, A.J. (2001/in press) Identification and characterization of phosphatidic acid phosphatases in human platelets: Role of phosphatidic acid phosphatase type 2A in deactivation of lipid phosphate mediators. *Blood*.
- Schramm, Laura**, Pendergrast, P.S., Sun, Y., and Hernandez, N. (2000) Different human TFIIIB activities direct RNA polymerase III transcription from TATA-containing and TATA-less promoters. *Genes and Dev. 14*: 2650-2663.
- Smirnov, Serge**, de los Santos, C., Klein, T., Grollman, A.P., and Eisenberg, M. (2000/in press) Molecular dynamics structure of a complex between the zinc finger motif of Fpg protein and a DNA dodecamer in aqueous solution. *J. Mol. Biol.*

Liu, S., **Spinner, Daryl S.**, Danielsson, J.A., Wang, S., and Schmidt, J. (2000) Interaction of MyoD family proteins with enhancers of the acetylcholine receptor subunit genes *in vivo*. *J. Biol. Chem.* 27: 41364-41368.

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

Baniecki, Mary Lynn, McGrath, W.J., and Mangel, W.F. (2000) A Alanine-Scan Mutagenesis of the Peptide Cofactor for the Adenovirus Proteinase-Binding and Activation of the Enzyme. *2000 Molecular Biology of DNA Tumor Viruses Conference*. University of Wisconsin-Madison, Madison, WI.

Baniecki, Mary Lynn, McGrath, W.J., and Mangel, W.F. (2000) Interaction of the Human Adenovirus Proteinase with its Eleven Amino-Acid Cofactor pVIc. *2000 Molecular Biology of DNA Tumor Virus Conference*. University of Wisconsin, Madison, Madison, WI.

Brown, Mark T., and Mangel, W.F. (2000) Identification of a New Cofactor for the Adenovirus Proteinase-actin. *2000 Molecular Biology of DNA Tumor Virus Conference*. University of Wisconsin, Madison, Madison, WI.

Brown, Mark T., and Mangel, W.F. (1999) Interaction of the Human Adenovirus Proteinase with its Eleven Amino-Acid Cofactor pVIc. *Tumor Virus Conference*. University of Wisconsin, Madison, Madison, WI.

Chen, Bin and Strickland, S. (2000) Completion of Meiosis in *Drosophila* Oocyte Requires Transcriptional Control by Grauzone, a New Zinc Finger Protein. *41st Annual Drosophila Research Conference*. Pittsburgh, PA.

DeLucia-Deranja, Evan, Tudorica, A. Patlak, C., Li, H., Hospod, F., and Newman, G. (2000) Novel Method for Measuring Absolute Cerebral Mean Transit Time (MTT) with Perfusion MRI. *30th Annual Meeting of Neuroscience*. New Orleans, LA.

Hall, Brian E., Yang, S.-S., Boriack-Sjodin, P., Kuriyan, J., and Bar-Sagi, D. (2000) Structural Functional Analysis of Ras-Sos Interaction. *16th Meeting on Oncogenes*. The Salk Institute, San Diego, CA.

Lu, Wei and Tsirka, S.E. (2000) Tissue plasminogen activator is involved in both onset and effector phases of experimental allergic encephalomyelitis. *30th Annual Meeting of Neuroscience*. New Orleans, LA.

Pang, Maria, McConnell, M., and Fisher, P.A. (1999) DNA Polymerase Activity of the *Drosophila* mus308 gene product. *39th Annual American Society for Cell Biology Meeting*. Washington, DC.

Pang, Maria, McConnell, M., and Fisher, P.A. (2000) DNA Polymerase Activity and Developmental Regulation of the *Drosophila* mus308 gene product. *41st Annual Drosophila Research Conference*. Pittsburgh, PA.

Pang, Maria, McConnell, M., and Fisher, P.A. (2000) DNA Polymerase Activity and Developmental Regulation of the *Drosophila* mus308 gene product. *65th Symposium: Biological Responses to DNA Damage*. Cold Spring Harbor, NY.

Pang, Maria, McConnell, M., and Fisher, P.A. (2000) The mus308 Gene Codes for a Nuclear DNA Polymerase Implicated in Interstrand Cross-Link Repair. *40th Annual American Society for Cell Biology Meeting*. San Francisco, CA.

Bogenhagen, D.F., Carrodeguas, J.A., Pinz, K.G., **Perez-Jannotti, R.M.**, Theis, K., and Kisker, C. (2001) DNA Polymerase γ and mtDNA Repair. *Mitochondria: Evolution, Genomics, Homeostasis and Pathology*. Fasano, Bari, Italy.

PHARMACOLOGICAL SCIENCES

Siao, Chia-Jen, Rogove, A.D., and Tsirka, S.E. (2000) Tissue plasminogen activator mediates microglial activation via its finger domain and contributes to neurodegeneration in excitotoxicity? *30th Annual Meeting of the Society for Neuroscience*. New Orleans, LA.

Smirnov, S., Kool, E., and de los Santos, C. (2000) The NMR determination of the three-dimensional structure of DNA having pyrene residue: DNA duplex stability without hydrogen bonding. *41st Experimental NMR Conference*. Asilomar, CA.

Schramm, Laura, Sun, Y., and Hernandez, N. (2000) The Identification and Functional Characterization of B, a Subunit of TFIIB. *RNA Polymerase I and III Meeting*. Asilomar, CA.

❖ Post-Doctorates Obtained and Professional Appointments

Smirnov, Serge. (Ph.D., 2000) Post-Doctoral position, Dr. Dr. James Gallagan. *The Whitehead Institute for Biomedical Research*. MIT, Cambridge, MA.

Schramm, Laura (Ph.D., 2001) Howard Hughes Post-Doctoral Fellow, Dr. Nouria Hernandez. *Cold Spring Harbor Laboratory*. Cold Spring Harbor, NY.

PHILOSOPHY

GRADUATE DIRECTOR: LORENZO SIMPSON
DEPARTMENT CHAIR: KELLY OLIVER

❖ Grants, Fellowships, and Awards

Alfonso, Doris Rita. (2001) Madeline Fusco Fellowship, \$1,500. *SUNY at Stony Brook*, Stony Brook, NY.

Alfonso, Doris Rita. (2000) Humanities Institute Fellowship for the “International School In the Humanities,” \$2,500. *SUNY at Stony Brook*, Stony Brook, NY.

Johnston, Adrian. (2001) President’s Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.

Selinger, Evan. (2001) President’s Award for Excellence in Teaching. *SUNY at Stony Brook*, Stony Brook, NY.

Smith, Aaron. (2001) President’s Award for Excellence in Teaching. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Alfonso, Doris Rita. (Spring 2001) Page Du Bois’ “Sappho is Burning.” *American Philosophical Association Newsletter*.

Alfonso, Doris Rita. (2000) “Cixous,” “Guilluamin,” and “Wittig.” *French Feminism Reader*, Kelly Oliver, Ed. New York: Rowman and littlefield Press.

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

Alfonso, Doris Rita. (2001) From Denmark to Vermont: Why “Gay Marriage” Isn’t Just for Gays. *American Philosophical Association*. Minneapolis, MN.

Aifonso, Doris Rita. (2001) Comment on P. Christopher Smith’s ‘Chora as the Linguistic Index of Groundlessness. *The Ancient Philosophy Society*. Villanova, PA.

Alfonso, Doris Rita. (2001) Re-Deploying Space in the Age of Sexual Difference: Irigaray’s Reading of Place/Interval in “An Ethics of Sexual Difference.” *The Society of Women in Philosophy*. Charlotte, NC.

Alfonso, Doris Rita. (2001) Re-Deploying Space in the Age of Sexual Difference: Irigaray’s Reading of Place/Interval in “An Ethics of Sexual Difference.” *Valdosta State University Women’s Studies Conference*. Valdosta, GA.

❖ Internship Appointments

Alfonso, Doris Rita. (2001) Intern. *The Feminist Press at the CUNY Graduate Center*, New York, NY.

PHYSICS AND ASTRONOMY

GRADUATE DIRECTOR: PETER STEPHENS
DEPARTMENT CHAIR: JANOS KIRZ

❖ Grants, Fellowships, and Awards

- Beck, Tracy L.** (Fall 2000, Winter 2001) Awarded astronomical observing time at NASA's Infrared Telescope Facility for the project "T Tau S and Haro 6-10 N: Variably obscured stars?" *NASA's Infrared Telescope Facility*. Mauna Kea, Hawaii.
- Feser, Michael.** Fellowship to attend the National School on Neutron and X-ray Scattering, \$600. *Argonne National Laboratory*, Argonne, IL.
- Field, Bryan.** GAANN, \$15,000. *Department of Education*, Washington, D.C.
- Mocioiu, Irina.** Gertrude Scharff-Goldhaber Prize, \$1000. *Brookhaven Women in Science*, Brookhaven National Laboratory. Upton, NY.
- Mutaf, Yildirim.** H. Silsbee Fellowship Award, \$1000. *Stony Brook Research Foundation*.
- Shapiro, David** Selected as attendee of 51st Meeting of Nobel Laureates. *US Dept. of Energy*, Washington, D.C.
- Steiner, Andrew.** Peter B. Kahn Fellowship, \$400. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

- Beck, T.L.,** L. Prato, M. Simon. (2001) Evidence for Extinction and Accretion Variability in T Tau S. *Astrophysical Journal Vol. 551*.
- Leinert, C., **Beck, T.L.,** S. Ligori, M. Simon, J. Woitas, R.R. Howell. (2001) The Near Infrared and Ice-band Variability of Haro 6-10. *Astronomy and Astrophysics*.
- Cashen, M.T.,** Metcalf, H. (2001) Bichromatic force on Helium. *Physical Review A Vol. 63*: p. 6302.
- M. Caldarelli, **Catelani, G.,** L. Vanzo. (2000) Action, hamiltonian and CFT of 2D black holes. *Journal of High Energy Physics Vol. 10*.
- Chang, S.-C.** and R. Shrock. (2001) Ground state entropy of the Potts antiferromagnet on strips of the square lattice. *Physica A Vol. 290*: pp. 402-430.
- Chang, S.-C.** and R. Shrock. (2001) $T=0$ partition functions for Potts antiferromagnets on lattice strips with fully periodic boundary conditions. *Physica A Vol. 292*: pp. 307-345.
- Chang, S.-C.** and R. Shrock. (2001) Structural Properties of Potts Model Partition Functions for Lattice Strips. *Physica A Vol. 296*: pp. 122-173.
- Chang, S.-C.** and R. Shrock. (2001) Exact Potts Model Partition Functions on Wider Arbitrary-Length Strips of the Square Lattice. *Physica A Vol. 296*: pp. 16-70.
- Chang, S.-C.** and R. Shrock. (2001) Exact Potts Model Partition Functions on Strips of the Honeycomb Lattice. *Physica A Vol. 296*: pp. 71-121.
- E.S. Paul, K.Starosta, A.J.Boston, **Chiara, C.J.,** M.Devlin, O.Dorvaux, D.B.Fossan, P.T.Greenlees, K.Helariutta, P.Jones, R.Julin, S.Juutinen, H.Kankaanpaa, H.Kettunen, D.R.LaFosse, G.J.Lane, I.Y.Lee, A.O.Macchiavelli, M.Muikku, P.Nieminen, P.Rahkila, D.G.Sarantites, H.C.Scraggs, J.M.Sears, A.T.Semple, J.F.Smith, and O.Stezowski. (2000) High-Spin Study of 111I. *Physical Review C Vol. 61*: p. 64320.

- A.J. Boston, E.S.Paul, **Chiara, C.J.**, M.Devlin, D.B.Fossan, S.J.Freeman, D.R.LaFosse, G.J.Lane, M.Leddy, I.Y.Lee, A.O.Macchiavelli, P.J.Nolan, D.G.Sarantites, J.M.Sears, A.T.Semple, J.F.Smith, and K. Starosta. (2000) High-Spin States in 109Te: Competition between Collective and Single-Particle Excitations. *Physical Review C Vol. 61*: p. 64305.
- E.S. Paul, A.J.Boston, P.J.Nolan, H.C.Scraggs, A.T.Semple, O.Stezowski, O.Dorvaux, P.T.Greenlees, K.Helariutta, P.Jones, R.Julin, S.Juutinen, H.Kankaanpaa, H.Kettunen, M.Muikku, P.Nieminen, P.Rahkila, K.Starosta, **Chiara, C.J.**, D.B.Fossan, G.J.Lane, J.M.Sears, J.F.Smith, M.Devlin, D.R.LaFosse, D.G.Sarantites, I.Y.Lee, and A.O.Macchiavelli. (2000) Terminating Bands in Light Xenon and Iodine Isotopes: New results for 113,114Xe and 111I. *Acta Phys.Hung.N.S. Vol. 12*: p. 201.
- H.C. Scraggs, E.S.Paul, A.J.Boston, **Chiara, C.J.**, M.Devlin, O.Dorvaux, D.B.Fossan, P.T.Greenlees, K.Helariutta, P.Jones, R.Julin, S.Juutinen, H.Kankaanpaa, H.Kettunen, D.R.LaFosse, G.J.Lane, I.Y.Lee, A.O.Macchiavelli, M.Muikku, P.Nieminen, P.Rahkila, D.G.Sarantites, J.M.Sears, A.T.Semple, J.F.Smith, K.Starosta, and O.Stezowski. (2000) High-Spin Study of 113Xe: Smooth band termination in valence space. *Physical Review C Vol. 61*: p. 64316.
- D.R. LaFosse, **Chiara, C.J.**, D.B.Fossan, G.J.Lane, J.M.Sears, J.F.Smith, K.Starosta, A.J.Boston, E.S.Paul, A.T.Semple, M.Devlin, D.G.Sarantites, I.Y.Lee, A.O.Macchiavelli, A.V.Afanasjev, and I.Ragnarsson. (2000) Collective Structures and Band Termination in 107Sb. *Physical Review C Vol. 62*: p. 14305.
- E.S. Paul, P.Bednarczyk, A.J.Boston, **Chiara, C.J.**, C.Foin, D.B.Fossan, J.Genevey, A.Gizon, J.Gizon, D.G.Jenkins, N.Kelsall, N.Kintz, **Koike, T.**, D.R.LaFosse, P.J.Nolan, B.M.Nyako, C.M.Parry, J.A.Sampson, A.T.Semple, K.Starosta, J.Timar, R.Wadsworth, A.N.Wilson, and L.Zolnai. (2000) High-Spin Study of 128Ce and Systematics of Quasiparticle Pair Alignment. *Nuclear Physics A Vol. 676*: p. 32.
- J.F. Smith, **Chiara, C.J.**, D.B.Fossan, G.J.Lane, J.M.Sears, I.Thorslund, I.M.Hibbert, R.Wadsworth, I.Y.Lee, and A.O.Macchiavelli. (2000) Multiple Shape-Driving $\nu(h-11/2)_2$ and $\pi(h-11/2)_2$ Alignments in 120Ba. *Physics Letters B Vol. 483*: p. 7.
- K. Starosta, D.R.LaFosse, **Chiara, C.J.**, D.B.Fossan, **Koike, T.**, G.J.Lane, J.M.Sears, J.F.Smith, A.J.Boston, P.J.Nolan, E.S.Paul, A.T.Semple, M.Devlin, D.G.Sarantites, I.Y.Lee, and A.O.Macchiavelli. (2000) Excited States in 110I and Core Polarization Effects of the $h-11/2$ Proton and Neutron Orbitals. *Physical Review C Vol. 62*: p. 44309.
- R. Wadsworth, E.S.Paul, A.Astier, D.Bazzacco, A.J.Boston, N.Bufo, **Chiara, C.J.**, D.B.Fossan, C.Fox, J.Gizon, D.G.Jenkins, N.S.Kelsall, **Koike, T.**, D.R.LaFosse, S.Lunardi, P.J.Nolan, B.M.Nyako, C.M.Petrache, H.Scraggs, K.Starosta, J.Timar, A.Walker, A.N.Wilson, L.Zolnai, B.G.Dong, and I.Ragnarsson. (2000) Smooth Band Termination in Odd Mass La Nuclei: 127,129,131La. *Physical Review C Vol. 62*: p. 34315.
- R. Wadsworth, J.A.Cameron, R.M.Clark, **Chiara, C.J.**, R.M.Diamond, M.A.Deleplanque, P.Fallon, D.B.Fossan, I.M.Hibbert, D.G.Jenkins, S.Juutinen, N.Kelsall, R.Krucken, G.J.Lane, G.J.Lane, I.Y.Lee, A.O.Macchiavelli, C.M.Parry, J.M.Sears, J.F.Smith, F.S.Stephens, K.Vetter, and S.Frauendorf. (2000) Evidence for Magnetic Rotation in the Light Tin Region. *Phys. Scr. T Vol. 88*: p. 49.
- J.F. Smith, V.Medina-Chico, **Chiara, C.J.**, D.B.Fossan, G.J.Lane, J.M.Sears, I.Thorslund, H.Amro, C.N.Davids, R.V.F.Janssens, D.Seweryniak, I.M.Hibbert, R.Wadsworth, I.Y.Lee, and A.O.Macchiavelli. (2001) Identification of Excited States in 117Cs: Systematics of the $\nu(h-11/2)_2$ Alignment. *Physical Review C Vol. 63*: p. 24319.
- K. Starosta, **Koike, T.**, **Chiara, C.J.**, D.B.Fossan, D.R.LaFosse, A.A.Hecht, C.W.Beausang, M.A.Caprio, J.R.Cooper, R.Krucken, J.R.Novak, N.V.Zamfir, K.E.Zyromski, D.J.Hartley, D.L.Balabanski, J.-Y.Zhang, S.Frauendorf, and V.I.Dimitrov. (2001) Chiral Doublet Structure in Odd-Odd $N = 75$ Isotones: Chiral vibrations. *Physical Review Letters Vol. 86*: p. 971.

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- Wilson, A.N., R.Wadsworth, J.F.Smith, S.J.Freeman, M.J.Leddy, **Chiara, C.J.**, D.B.Fossan, D.R.LaFosse, K.Starosta, M.Devlin, D.G.Sarantites, J.N.Wilson, M.P.Carpenter, C.N.Davids, R.V.F.Janssens, D.Seweryniak, and R.Wyss. (2001) High-Spin Structures and Alignment Properties in ^{126}Ce . *Physical Review C Vol. 63*: p. 54307.
- Starosta, K., **Koike, T.**, **Chiara, C.J.**, Fossan, D.B., and LaFosse, D.R. (2001) Chirality in Odd-Odd Triaxial Nuclei. *Nuclear Physics A Vol. 682*: p. 375c.
- Bastianelli, F., **Corradini, O.**, and P. van Nieuwenhuizen. (2000) Dimensional Regularization of the Path Integral in Curved Space on an Infinite Time Interval. *Physics Letters B Vol. 490*: p. 154.
- Bastianelli, F., **Corradini, O.**, and P. van Nieuwenhuizen (2000) Dimensional Regularization of Nonlinear Sigma Models on a Finite Time Interval. *Physics Letters B Vol. 494*: p. 161.
- Corradini, O.**, and Z. Kakushadze. (2000) Localized gravity and Higher Curvature Terms. *Physics Letters B Vol. 494*: p. 302.
- Bastianelli, F. and **Corradini, O.** (2001) 6-D Trace Anomalies from Quantum Mechanical Path Integrals. *Physical Review D Vol. 63*: p. 65005.
- Cano, F., **Faccioli, P.**, Scopetta, S., Traini, M. (2000) Orbital Angular Momentum Parton Distributions In Light Front Dynamics. *Physical Review Vol. D62*: p. 54023.
- Grossman, J.S., **Fliller III, R.P.**, L.A. Orozco, M.R. Pearson and G.D. Sprouse. (2000) Lifetime Measurements of the 7D levels of atomic Francium. *Physical Review A Vol. 62*: p. 62502.
- Grossman, M., **Fliller III, R.P.**, T.E. Mehlstäubler, L.A. Orozco, M.R. Pearson, G.D. Sprouse, and W.Z. Zhao. (2000) Energies and hyperfine splittings of the 7D levels of atomic Francium. *Physical Review A Vol. 62*: p. 52507.
- Francischelli, G.J.**, Wijers, R.A.M.J., Brown, G.E. (submitted 2001) The Evolution of Relativistic Binary Progenitor Systems. *The Astrophysical Journal*.
- Garcia, Antonio M.**, Verbaarschot, J.J.M. (2000) Chiral Random Matrix Model for Critical Statistics. *Nucl.Phys. B Vol. 586*: p. 668.
- Grossman, J.M.**, R.P. Fliller III, L.A. Orozco, M.R. Pearson, and G.D. Sprouse. (2000) Lifetime Measurements of the 7D States of Atomic Francium. *Physical Review A Vol. 62*: p. 62502.
- Grossman, J.M.**, R.P. Fliller III, T.E. Mehlstaubler, L.A. Orozco, M.R. Pearson, G.D. Sprouse, and W.Z. Zhao. (2000) Energy and Hyperfine Splittings of the 7D Levels of Atomic Francium. *Physical Review A Vol. 62*: p. 52507.
- Sprouse, G.D., **Grossman, J.S.**, Orozco, L.A., and Pearson, M.R. (2000) Spectroscopy of Francium in a Magneto-optical Trap. *Hyperfine Interactions Vol. 127*: p. 381.
- Kakushadze, Zurab.** (2001) Solitonic Brane World with Completely Localized (Super) Gravity). *IJTP A*.
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- Jaikumar, Prashanth**, and Zahed, Ismail. (2001) BCS vs Overhauser pairing in 2+1d QCD. *Physical review D*.
- Walter, F.M. and **Kim, J.S.** (2001) The Chromosphere of V471 Tauri Resolved. *Cool Stars, Stellar Systems And The Sun, Vol. CS-223*. Ramón J. García López, Rafael Rebolo, and María Zapatero Osorio, Eds. Eleventh Cambridge Workshop.
- Kinkhabwala, Yusuf A.**, and Korotkov, Alexander N. (2000) Shot Noise at Hopping Via Two Sites. *Physical Review B Vol. 62*: p. R7727.
- Klein, B.** and Verbaarschot, J.J.M. (2000) Spectral universality for real chiral random matrix ensembles. *Nuclear Physics B Vol. 588*: p. 483.

- E.M. Gonzalez, **Lin, Y.**, and E.E. Mendez. (2001) Magnetotunneling in a two-dimensional electron-hole system near equilibrium. *Physical Review B Vol. 63*: p. 33308.
- Perebeinos, Vasili**, and Allen, Philip B. (2000) Franck-Condon-Broadened Angle-Resolved Photoemission Spectra Predicted in LaMnO₃. *Phys. Rev. Lett. Vol. 85*: p. 5178.
- Perebeinos, Vasili**, and Allen, Philip B., and Weinert M. (2000) First-principles calculations of the self-trapped exciton in crystalline NaCl. *Phys. Rev. B Vol. 62*: p. 12589.
- Allen, Philip B. and **Perebeinos, Vasili**. (2001) Condensed-matter physics: First glimpse of the orbiton. *Nature Vol. 410*: p. 155.
- Perebeinos, Vasili** and Allen, Philip B. (submitted 2001) Multiphonon Resonant Raman Scattering in LaMnO₃: Prediction Using the Frank-Condon Formulation. *Phys. Rev. B*.
- Perebeinos, Vasili**, Philip B. Allen and James Napolitano. (2001) Exact, numerical, and mean field behavior of a dimerizing lattice in one dimension. *Solid State Communications*.
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- Steiner, A.W.**, M. Prakash, and J.M. Lattimer. (2000) Quark-Hadron Phase Transitions in Young and Old Neutron Stars. *Physics Letters B Vol. 486*: p. 239.
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- Wu, Juhao**, and Li Hua Yu. (2001) Eigenmodes and modes competition in High Gain Free-Electron Laser including alternating-gradient focusing. *Nuclear Instruments and Methods in Physics Research A*.

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

- Cashen, M.T.**, Bretin, V., and Metcalf, H. (2000) Optical Pumping in He4 with Frequency-Shifted Feedback Amplification of Light. *Division of Atomic, Molecular, and Optical Physics (DAMOP) Meeting of the American Physical Society*. University of Connecticut.
- Cashen, M.T.**, and Metcalf, H. (2000) Use of the Bichromatic Force to Slow Metastable Helium. *DAMOP*. University of Connecticut.
- L. Liu, M.J. Bellanca, **Cashen, M.T.**, H. Metcalf (2000) Sub-recoil Cooling with Velocity-Selective Resonances. *DAMOP*. University of Connecticut.
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- Chiara, C.J.**, D.B. Fossan, T. Koike, D.R. LaFosse, G.J. Lane, J.M. Sears, J.F. Smith, K. Starosta, and P. Vaska. (2000) Lifetimes of shears bands in 108,110In. *Nuclear Structure*. Michigan State University, East Lansing, MI.

PHYSICS AND ASTRONOMY

- Chiara, C.J.**, J. Cardona, D.B. Fossan, T. Koike, D.R. LaFosse, K. Starosta, Z. Ye, S. Freeman, M. Leddy, J.F. Smith, R. Wadsworth, A.N. Wilson, M. Devlin, F. Lerma, D.G. Sarantites, J.N. Wilson, M.P. Carpenter, C.N. Davids, R.V.F. Janssens, and D. Seweryniak. (2000) High-spin states in $^{122}_{56}\text{Ba}$. *Division of Nuclear Physics*. Williamsburg, VA.
- Chiara, C.J.** (2001) Shears bands in the A~110 region: lifetime measurements in $^{108,110}\text{In}$. *Invited nuclear physics seminar*. Yale University, CT.
- Dickerson, J.**, Mendez, E.E. (SUNY at Stony Brook), Manotas S., Agullo-Rueda F., Pecharroman, C. (Materials Science Institute of Madrid, CSIC, Spain). (2000) A New Optical Probe of Semiconductor Microcavities. *First Wilhelm and Else Heraeus Summer School*. Wittenberg, Germany.
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- Feser, M.** and Jacobsen, C. (2000) Improving The Performance Of The Scanning Transmission X-ray Microscope STXM IV With A Dedicated Integrating Multi-Segment Silicon Detector. *8th International Conference on Electronic Spectroscopy and Structure*. Clark Kerr Campus, Berkeley, CA.
- Fliller III, R.P.**, J.S. Grossman, C.T. Langlois, L.A. Orozco, M.R. Pearson, and G.D. Sprouse. (2000) Isotope Shift of the $7P_{1/2}$ level in $^{209-211}\text{Fr}$. *DAMOP*. Storrs, CT.
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- Lin, Y.**, González, E.M., Mendez, E.E. (2001) Tunneling Between Two-dimensional Electron and Hole Gases. *APS March Meeting*. Seattle, WA.
- Chi, F., **Partlow, M.**, Metcalf, H. (2001) Transverse Atomic Beam Velocimetry. *DAMOP*. London, Ontario, Canada.
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- Perebeinos, V.**, Allen, P.B. (2001) Multi-phonon Raman Signals Predicted for LaMnO₃ at the Orbital Resonance. *APS March Meeting*. Seattle, WA.
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- Perebeinos, V.**, Allen, P.B. (2000) Self-Trapped Hole and Excitons In Lamno₃: Frank-Condon vibrational broadening of optical and photoemission spectra. *Electronic Structure of Complex Materials*. Georgetown University, Washington DC.
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- Fillipov, T.V., **Pfilyuk, S.v.**, Semenov, V.K. (2000) Encoders and decimation filters for superconductor oversampling ADCs. *ASC (2000)* Virginia Beach, Virginia.
- Reiner, J.E.**, Smith, W.P., Jin Wang, H.M. Wiseman, L.A. Orozco. (2001) Using quantum feedback to preserve the vacuum Rabi oscillations in cavity QED. *CLEO/QELS (2001)* Baltimore, MD.
- Sherry, W.H.**, Walter, F.M., and Wolk, S.J. (2001) Clustering of Low-Mass Pre-Main Sequence Stars, the Mass Function, and Candidate Brown Dwarfs in Orion's Belt. *American Astronomical Society*. San Diego, CA.
- Steiner, A.W.**, Prakash, M., and Lattimer, J.M. (2001) Neutrino Opacities in Proto-Neutron Stars with Quark Matter. *Quark Matter (2001)*. SUNY at Stony Brook, Stony Brook, NY.
- Steiner, A.W.**, Prakash, M., Lattimer, J.M., and Pons, J.A. (2000) Quarks in Proto-Neutron Stars. *International Workshop on the Physics of Neutron Star Interiors*. European Center for Theoretical Studies in Nuclear Physics and Related Areas.
- Talbayev, Diyar**, Laszlo Mihaly, Jianshi Zhou, Lawrence Carr. (2001) Antiferromagnetic resonance in LaMnO₃. *APS meeting*. Seattle, WA.
- Wu, Juhao** and Li Hua Yu. (2000) Cascading Stages of High Gain Harmonic Generation to produce coherent hard X-ray. *The 22nd International Free Electron Laser Conference*. Durham, NC.
- Wu, Juhao** and Li Hua Yu. (2000) Eigenmodes and modes competition in High Gain Free-Electron Laser including alternating-gradient focusing. *The 22nd International Free Electron Laser Conference*. Durham, NC.

❖ Post-Doctorates Obtained and Professional Appointments

- Perebeinos, V.** (2000) Research Associate. *Brookhaven National Laboratory*, Upton, NY.
- Winn, Barry.** (2000) Post-Doctorate. *Brookhaven National Laboratory*, Upton, NY.

PHYSIOLOGY AND BIOPHYSICS

GRADUATE DIRECTOR: SUZANNE SCARLATA
DEPARTMENT CHAIR: PETER BRINK

❖ Grants, Fellowships, and Awards

Tall, Edward G. (2001) ASBMB Graduate Travel Fellowship, \$400. *American Society for Biochemistry and Molecular Biology*, Bethesda, MD.

❖ Singly Authored Publications/Research Reports/Reviews

Coburn, Chris T. (2000) Defective uptake and utilization of long chain fatty acids in muscle and adipose tissues of CD36 knockout mice. *Journal of Biological Chemistry* 275(42): 32523-9.

Wang, Jiyao. (2000 in press, 2001 published) The Effector Domain of Myristoylated Alanine-rich C Kinase Substrate Binds Strongly to Phosphatidylinositol 4,5-Bisphosphate. *J. Biol. Chem. Vol. 276*: pp. 5012-5019.

❖ Jointly Authored Publications/Research Reports/Reviews

Demazumder, D., James P. Dilger. (in review) The kinetics of competitive antagonism by cisatracurium of embryonic and adult nicotinic acetylcholine receptors. *Molecular Pharmacology*.

Demazumder, D., Mirotznik, M., Schwartzman, D. (in press) Biophysics of radiofrequency catheter ablation using an irrigated electrode. *Journal of Interventional Cardiac Electrophysiology*.

Demazumder, D., Mirotznik, M., Schwartzman, D. (in press) Comparison of different electrode designs for radiofrequency catheter ablation of myocardium using saline irrigation. *Journal of Interventional Cardiac Electrophysiology*.

Kim, H., Park, H., Montalvo, L., and Lennarz, W.J. (2000) Studies on the role of the hydrophobic domain of Ost4p in interactions with other submits of yeast oligosaccharyl transferase. *Proc. Natl. Acad. Sci. USA* 97: 1516-1520.

Schindler, T., Bornmann, W., **Pellicena, P.**, Miller, W.T., Clarkson, B., and Kuriyan, J. (2000) Structural mechanism for STI-571 inhibition of Abelson tyrosine kinase. *Science* 289: 1938-1942.

Provitera, Paxton, Bouamr, F., Murray, D., Carter, C., Scarlata, S. (2000) Binding of Equine Infectious Anemia Virus Matrix Protein to Membrane Bilayers Involves Multiple Interactions. *J Mol Biol.* 296(3): pp. 887-898.

Provitera, Paxton, Goff, A., Harenberg, A., Bouamr, F., Carter, C., Scarlata, S. (in press) The Role of the Major Homology Region in Assembly of HIV-1 Gag. *Biochemistry*.

Khan, R.N., **Tall, Edward G.**, Rebecchi, M.J., Ramsdell, J., and Pentylala, S.N. (2001) Effect of Maitotoxin on Guanine Nucleotide Interaction with G-Protein α Subunits. *International Journal of Toxicology* 20: 39-44.

Arbuzova, A., Wang, L., **Wang, J.**, Hangyás-Mihályiné, G., Murray, D., Honig, B., and McLaughlin, S. (2000) Membrane Binding of Peptides Containing Both Basic and Aromatic Residues. Experimental Studies with Peptides Corresponding to the Scaffolding Region of Caveolin and the Effector Region of MARCKS. *Biochemistry Vol. 39*: pp. 10330-10339.

Wang, J. (2001) Paper reviewed by Higgs, H.N., The Basic Art of Protein-membrane Interaction Specificity: MARCKS and PIP₂. *Trends in Biochemical Sciences Vol. 26*: pp. 12-13.

Xiang, S., Nichols, J., Rajagopalan, K.V., and Schlindelin, H. (2001/in press) The Crystal Structure of Escherichia coli Moea and Its Relationship to the Multifunctional Protein Gephyrin. *Structure*, Vol. 9.

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

Demazumder, D., Dilger, James P. (2001) A mathematical technique for determining the kinetics of competitive antagonism in the presence of agonist at the nicotinic acetylcholine receptor. *45th Annual Meeting of Biophysical Society*. Boston, Massachusetts.

Dilger, James P., **Demazumder, D.** (2001) An 11-state markov model describes competitive antagonism at the nicotinic acetylcholine receptor. *45th Annual Meeting of Biophysical Society*. Boston, Massachusetts.

. Mirotznik, Mark S, **Demazumder, D.,** Schwartzman, David. (2000) Biophysics of radiofrequency catheter ablation using an irrigated electrode. *Biomedical Engineering Society 2000*. Seattle, Washington.

Kim, H. and Lennarz, W.J. (2001) Structure/Function studies on Ost4p, a subunit of oligosaccharyltransferase. *Annual Meetings of the American Society for Biochemistry and Molecular Biology*. Orange Convention Center, Orlando, Florida.

Martinez-Wittinghan, F.J., Gong, X., Kumar, N., Mathias, R.T. (2001) Gating of Lens Fiber Cell Connexins α_3 (Cx46) and α_8 (Cx50). *ARVO Annual Meeting*. Fort Lauderdale, Florida.

Martinez-Wittinghan, F.J. (2000) Gating of Connexins by pH. Visitors Seminar, *Centro Internacional de Fisica (CIF)*. Bogota, Colombia (South America).

Provitera, Paxton, Carter, C., Scarlata, S. (2000) The Role of the Major Homology Region in HIV-1 GAG in Membrane and RNA Binding. *Biophysical Society*. New Orleans.

Provitera, Paxton, Harenberg, A., Goff, A., Bouamr, F., Carter, C., Scarlata, S. (2000) The MHR of HIV-1 GAG Plays a Critical Role in Enhancing the Protein-Protein Interactions that Occur Upon RNA Binding. *Retroviruses*. Cold Spring Harbor, NY.

Provitera, Paxton, Carter, C., Scarlata, S. (2001) Lipid Rafts and HIV-1 Assembly: A match made in the Cell? *Biophysical Society*. Boston, MA.

Tall, Edward G., Pentyala, S.N., and Rebecchi, M.J. (2001) Subcellular Distribution of PLC- δ_1 Suggests Multiple Binding Partners. *Experimental Biology 2001*. Orlando, FL.

Wang, Jiyao. (2001) The Effector Domain of MARCKS Binds Strongly to PIP₂. *Biophysical Society, 45th Annual Meeting*. Boston, MA.

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

Pellicena, Patricia. (2001) Post-Doctoral Associate. Dept. of Chemistry. *UC Berkeley*, Berkeley, CA.

❖ **Other**

Demazumder, D., Dilger, James P., Peter, S., Glass, A. (2001) A randomized, single-blind study of heart rate variability and fade in train-of-four with non-depolarizing muscle relaxants in ASA class I/II surgical patients. Clinical trial approved by Institutional Review Board at *Stony Brook Hospital*, Stony Brook, NY.

POLITICAL SCIENCE

GRADUATE DIRECTOR: PAUL TESKE
DEPARTMENT CHAIR: MARK SCHNEIDER

❖ Grants, Fellowships, and Awards

- Buckley, Jack.** (2001) Graduate Research Fellowship, \$90,000 over three years. *National Science Foundation*, Washington, DC.
- Gschwend, Thomas.** (August 2000) International Advanced Graduate Student Travel Grant to attend the 2000 Annual Meeting of the American Political Science Association, Washington, DC., \$300. *American Political Science Association*.
- Gschwend, Thomas.** (July 2000) Travel Grant to attend the Annual Political Science Methodology Conference, University of California, Los Angeles, CA. *Society for Political Methodology and the APSA Political Methodology Organized Section*.
- Gschwend, Thomas.** (June 2000) Travel Grant to attend the Annual Meeting of the German Political Science Association, Section: Wahlen und politische Einstellungen [Elections and public opinion], Mannheim, Germany, \$250. *Department of Political Science*, SUNY at Stony Brook.
- Gschwend, Thomas.** (March 2000) Travel Grant to attend the conference and workshop on “New Methodologies for Social Sciences: The Development and Application of Spatial Analysis for Political Methodology,” \$398. *Institute of Behavioral Science of the University of Colorado at Boulder and the Center for Spatially Integrated Social Science of the University of California*, Santa Barbara, CA.
- Gschwend, Thomas.** (January 2000) Nominated for *Malcolm Jewell Award* for best graduate student paper at the 1999 *Southern Political Science Association meeting*.
- Robbins, Suzanne.** (2000-2001) National Science Foundation Dissertation Improvement Grant, \$5990. *National Science Foundation*. Arlington, VA.

❖ Singly Authored Publications/Research Reports/Reviews

- Capelos, Theresa.** (2001) Scandal Plagued or Scandal Proof: the role of candidate personality traits as scandal immunity factors. *Greek Political Science Review Vol 16*: pp. 147-186.

❖ Jointly Authored Publications/Research Reports/Reviews

- Teske, Paul, Schneider, Mark, **Buckley, Jack**, and Clark, Sara. (in Press) Does Charter School Competition Improve Traditional Public Schools? *Vouchers, Charters and Public Education*. Paul Peterson and David Campbell, Eds. Washington, D.C.: Brookings.
- Schneider, Mark and **Buckley, Jack.** (2000) *Can Modern Information Technologies Cross the Digital Divide to Enhance Choice and Build Stronger Schools?* New York, NY: Teacher’s College Center for the Study of Privatization in Education, Columbia University, Occasional Paper Series.
- Huddy, L., and **Capelos, T.** (in press) Gender Stereotyping and Candidate Evaluation: Good News and Bad News for Women Politicians. *Social Psychological Applications to Social Issues: Developments in Political Psychology. Vol. 5*. Victor Ottati, Scott R. Tindale, Dan O’Connell, John Edwards, Emil Posavac, Yolanda Suarez-Balcazar, Linda Heath and Fred Bryant, Eds.

Gschwend, Thomas and Norpoth, Helmut. (forthcoming 2000) "Wenn am nächsten Sonntag" Ein Prognosemodell für Bundestagswahlen. [A multivariate Forecasting Model for Federal Elections]. *Wahlen und Wähler: Analysen aus Anlass der Bundestagswahl 1998 [Elections and Voters. Analysis of the Federal Election 1998]*. Max Kaase und Hans-Dieter Klingemann, Ed. Forthcoming.

Gschwend, Thomas and Norpoth, Helmut. (2000) Soll und Haben: Die deutsche Wählerschaft rechnet mit den Parteien ab. [A multivariate model explaining voting behavior in Federal Elections]. In *Empirische Wahlforschung in Deutschland. Entwicklung, Befunde, Perspektiven, Daten. [Empirical Electoral Behavior Research in Germany]*, pp. 389-409. Markus Klein, Wolfgang Jagodzinski, Ekkehard Mochmann and Dieter Ohr, Ed. Wiesbaden: Westdeutscher Verlag.

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

Buckley, Jack. (2001) Revisiting the Theory of the Marginal Consumer. *Annual Meeting of the New York State Political Science Association*. New Paltz, NY.

Buckley, Jack, and Schneider, Mark, (2001) What Do Parents Want from Schools? Evidence from the Internet. *Annual Meeting of the Midwestern Political Science Association*. Chicago, IL.

Buckley, Jack, and Schneider, Mark (2000) Shopping for Schools: How Do Marginal Consumers Gather Information About Schools? *Annual Meeting of the American Political Science Association*. Washington, D.C.

Capelos, Theresa. (2000) Scandal-Safe, or Scandal-Ridden. Personality and Gender as scandal immunity factors. *Twenty-Third Annual Scientific Meeting of the International Society of Political Psychology*. Seattle, WA.

Capelos, Theresa. (2001) The Role of Candidate Personality Traits and Partisan Identification as Scandal Immunity Factors. *Annual Meeting of the 2000 Midwest Political Science Association*. Chicago, IL.

Gschwend, Thomas. (2000) Ticket-splitting and Strategic Voting. Evidence from the 1998 Election in Germany. *Annual Meeting of the American Political Science Association*. Washington, DC.

Gschwend, Thomas. (2000) Strategic Voting in Germany. Can EI help to solve the puzzle? *Annual Political Science Methodology Conference*. Los Angeles, CA.

Gschwend, Thomas. (2000) Ticket-Splitting und Strategisches Wählen. [Ticket-splitting and Strategic Voting]. *Annual Meeting of the German Political Science Association, Section: Wahlen und politische Einstellungen [Elections and public opinion]*. Mannheim, Germany.

Gschwend, Thomas. (2000) Is Ticket splitting Strategic? Evidence from the 1998 Election in Germany. *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.

Robbins, Suzanne. (2000) Consensus and Conflict: Interest Group Strategies in the Policy Process (A Case Study of Interest Group Involvement in the Pacific Lumber Habitat Conservation Plan). *American Political Science Association Annual Meeting*. Washington, DC.

Tabrizi, Susan J. (2001) The Influence of Equalities: Assessing the Implications of Multidimensional Political Values. *Midwest Political Science Association Annual Meeting*. Chicago, IL.

Tabrizi, Susan J. (2000) The Many Faces of Equality: Multidimensional Values and Implications for Policy Preferences. *Southern Political Science Association Annual Meeting*. Atlanta, GA.

Tabrizi, Susan J. (August 31 – September 3, 2000) Equal Ground: Implications of Multidimensional Values for Political Preferences. *American Political Science Association Annual Meeting*. Washington, D.C.

POLITICAL SCIENCE

Timbil, Hakan. (2001) John Dewey's Impact on Turkish Education Reform in 1925. *Comparative and International Education Society, 45th Annual Meeting*. Washington, D.C.

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

Robbins, Suzanne. (2001-2002) Assistant Professor of Government. Institute for Regional Analysis and Public Policy, *Morehead State University*, Morehead, KY.

PSYCHOLOGY

GRADUATE DIRECTOR: HARRIET WATERS
DEPARTMENT CHAIR: GROVER WHITEHURST

❖ Grants, Fellowships, and Awards

- Cunliffe-Steiner, Michelle A.C.** (2001) President's Award for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook*, Stony Brook, NY.
- Cunliffe-Steiner, Michelle A.C.** (2001) Departmental Award for Excellence in Teaching, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Cunliffe-Steiner, Michelle A.C.** (2001) Travel Award, \$300. *Society of Research in Child Development*, Ann Arbor, MI.
- Dickinson, Christopher.** (2001) National Eye Institute Travel Fellowship Grant, \$700. *National Eye Institute*, Bethesda, MD.
- Durbin, Emily.** (2000) Department Award for Excellence in Research (advanced student), \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Echevarria, David** (2000) Departmental Award for Excellence in Research, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Elliott, Melanie.** (2001) Travel Award, \$300. *Society for Research in Child Development*, Ann Arbor, MI.
- Erb, Juanita.** (2001) W. Burghardt Turner PhD Fellowship, *SUNY at Stony Brook*, Stony Brook, NY.
- Geraci, Lisa.** (2001) Dissertation Research Award, \$1,000. *American Psychological Association*, Washington, DC.
- Jaffee, William.** (2000) Departmental Award for Excellence in Research, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Londahl, Esme.** (2001) Graduate Council Fellowship, *SUNY at Stony Brook*, Stony Brook, NY.
- Lorber, Michael F.** (2000) Student Research Award, \$100. Society for a Science of Clinical Psychology, *American Psychological Association Annual Convention*, Washington, DC.
- Lorber, Michael F.** (2000) Elise Ramos Memorial Student Research Award, *Association for Advancement of Behavior Therapy Annual Convention*, New Orleans, LA.
- Lorber, Michael F.** (2000) Dissertation Grant, \$400. Society for a Science of Clinical Psychology, *American Psychological Association*, Washington, DC.
- Mailloux, Jennifer.** (2001) President's Award for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook*, Stony Brook, NY.
- Mailloux, Jennifer.** (2001) Departmental Award for Excellence in Teaching, \$100. Department of Psychology, *SUNY at Stony Brook*, Stony Brook, NY.
- Mashek, Debra.** (2001) Travel Award, \$300. *Society for Personality and Social Psychology*.
- Mashek, Debra.** (2001) Travel Award to attend The Yin and Yang of Social Cognition: Perspectives on the Social Psychology of Thought Systems, \$235. *Yale University*, New Haven, CT.
- Massetti, Greta M.** (1999-2001) Head Start Research Scholars Grant, "Dynamic Assessment of Emergent Literacy in Head Start." *Administration on Children, Youth, and Families*, Washington, DC.

PSYCHOLOGY

McCloskey, Daniel. (2000) Departmental Award for Teaching Innovation, \$100. *SUNY at Stony Brook*, Stony Brook, NY.

Tverskoy, Anna. (2001) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

Vega, Edward. (2001) W. Burghardt Turner Ph.D. Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

Zevallos, Ana. (2001) W. Burghardt Turner Ph.D. Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Baker, Forest and Rachlin, H. (2001) Probability of reciprocation in prisoner's dilemma games. *Journal of Behavioral Decision Making*, 14: 51-67.

Rachlin, H., **Brown, Jay** and **Baker, Forest.** (2000) Reinforcement and punishment in the prisoner's dilemma. *The Psychology Learning and Motivation: Advances in Research and Theory, Vol 40*: pp. 327-160. Medin, D., Ed. New York: Academic Press.

Rachlin, H., **Brown, Jay** and Cross, D. (2000) Discounting in judgments of delay and probability. *Journal of Behavioral Decision Making*, 13: 145-160.

Lobel, M., Yali, A.M., Zhu, W., **DeVincent, Carla J.**, and Meyer, B.A. (in press) The impact of optimistic disposition on emotional distress during high-risk pregnancy. *Psychology and Health*.

Lobel, M., **DeVincent, Carla J.**, Kaminer, A., and Meyer, B.A. (2000) The impact of prenatal maternal stress and optimistic disposition on birth outcomes in medically high-risk women. *Psychology, Health*, 19: 544-553.

Drabick, Deborah, A.G., and Goldfried, M.R. (2000) Training the scientist-practitioner for the 21st Century. *Journal of Clinical Psychology*, 56: 327-340.

Drabick, Deborah, A.G., Strassberg, Z., and **Kees, Michelle R.** (2001) Measuring qualitative aspects of preschool boys' noncompliance: The Response Style Questionnaire (RSQ). *Journal of Abnormal Child Psychology*, 29: 129-139.

Klein, D.N., **Durbin, C. Emily**, **Shankman, Stuart A.**, and **Santiago, Neil J.** (2001) Depression and Personality. *Handbook of Depression and Its Treatment*. I.H. Gotlib and C.L. Hammen, Eds. New York: Guilford Press.

Graham, Jennifer E., Lobel, M. and DeLuca R.S. (2000) Postpartum Anger: An Overlooked Reaction to Delivery and Postpartum Stressors. *Psychology of Women Quarterly*. Manuscript in review.

Han, C.J., Scheff, A., **Pierre-Louis, J.** and Robinson, J.K. (2000) A Performance-Dependent adjustment of the Retention Interval in a delayed non-matching-to-position paradigm differentiates effects of amnesic drugs in rats. *European Journal of Pharmacology*, 403: 87-93.

Klein, D.N., and **Hayden, Elizabeth P.** (2000) Dysthymic disorder: Current status and future directions. *Current Opinion in Psychiatry*, 13: 171-177.

Litcher, Leighann, Bromet, E.J., Carlson, G., Squires, N., Goldgaber, D., Panina, N., Golovakha, E., and Gluzman, S. (2000) School and Neuropsychological Performance of Evacuated Children in Kiev Eleven Years After the Chernobyl Disaster. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, 41: 291-299.

Litcher, Leighann, Bromet, E.J., Carlson, G., Gilbert, T., Panina, N., Golovakha, E., Goldgaber, D., Gluzman, S., and Garber, J. (2001) Ukrainian Application of the Children's Somatization Inventory: Psychometric Properties and Associates with Internalizing Symptoms. *Journal of Abnormal Child Psychology*, 29: 165-175.

Smyth, J., **Litcher, Leighann**, Hurewitz, A., and Stone, A. (2001) Relaxation Training and Cortisol Secretion in Adult Asthmatics. *Journal of Health Psychology*, 6: 217-228.

- Gadow, K.D., Nolan, E.E., **Litcher, Leighann**, Bromet, E.J., Carlson, G., and Sprafkin, J. (in press) Comparison of Attention-Deficit/Hyperactivity disorder Symptom Subtypes in Ukrainian School Children. *Archives of General Psychiatry*.
- Whitehurst, Grover J., and **Masseti, Greta M.** (in press) How well does Head Start prepare children to learn to read? *The Head Start Debates (Friendly and Otherwise)*. Zigler, E., and Styfco, S.J., Eds.
- Mashek, Debra**, Aron, A., and Fisher, H. (2000) Identifying, evoking and measuring intense feelings of romantic love. *Representative Research in Social Psychology*, 24: 48-55.
- Mashek, Debra**, Aron, A., and Boncimino, M. (manuscript under review) Confusion of self and others: An exploration of cognitive underpinnings.
- Masseti, Greta M.**, and Whitehurst, Grover J. (2000) Early intervention to promote preschooler's language skills: Dialogic Reading. *Focal Point, Fall 1999*: 9-14.
- McCloskey, Daniel P.**, Adamop, D., and Anderson, B.J. (2001) Exercise Increases Metabolic Capacity in the Motor Cortex and Striatum, but not in the Hippocampus. *Brain Research*, 891: 168-175.
- Kritzer, M.F., **McLaughlin, Peter J.**, Smirlis, T. and Robinson, J.K. (in press) Gonadectomy impairs spatial learning but not sensorimotor functions in adult male rats. *Hormones and Behavior*.
- Lewinsohn, P.M., **Moerk, Kristin C.**, and Klein, D.N. (2000) Epidemiology of adolescent depression. *The Economics of Neuroscience*, 2: 52-54, 68.
- Moerk, Kristin C.**, and Klein, D.N. (2000) Diagnostico, evaluacion y tratamiento de la depression cronica (Diagnosis, assessment, and treatment of chronic depression). *Psycologia Conductual*, 8: 511-523.
- Moerk, Kristin C.**, and Klein, D.N. (2000) The development of major depressive episodes during the course of dysthymic and episodic major depressive disorders: A retrospective examination of life events. *Journal of Affective Disorders*, 58: 117-123.
- Robinson, J.K., Scheff, A., **Pierre-Louis, Joanne** and **Han, C.J.** (2000) Specificity of Memory Measures in an Adjusting Delayed Nonmatching-to-Position Task for Rats. *Behavioral Brain Research*, 111: 107-113.
- Anderson, B.J., **Rapp, David**, Baek, D., Coburn-Litvak, P., **McCloskey, Daniel**, and Robinson, J. (2000) Exercise influences 8-arm radial maze performance. *Physiology and Behavior*, 70(5): 425-429.
- Anderson, B.J., Gatley, S.J., **Rapp, David**, Coburn-Litvak, P.S., and Volkow, N.D. (2000) The ratio of striatal D1 to muscarinic receptors changes in aging rats housed in an enriched environment. *Brain Research*, 872(1-2): 262-265.
- Shankman, Stuart A.** and Klein, D.N. (in press) The impact of comorbid anxiety disorders on the course of dysthymic disorder: A 5-year prospective longitudinal study. *Journal of Affective Disorders*.
- Storch, Stacey A.** and Whitehurst, G.J. (in press) The role of family and home in the developmental course of literacy in children from low-income backgrounds. *New Directions for Child and Adolescent Development: Family Literacy Environments*. P.R. Britto and J. Brooks-Gunn, Eds.
- Levy, S.R., and **Troise, Dina M.** (manuscript under review 2001) Children's social concerns and their reported social attitudes. *Child Development*.
- Daly, M., Wilson, M., and **Vasdev, Shawn**. (in press) Income inequality and homicide rates in Canada and the United States. *Canadian Journal of Criminology*.

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

- Lawrence-Savane, T., **Abbott, Gina**, Mullane, W.A., and Burner, B. (2001) What does the stability of the unresolved classification tell us about its meaning? Paper presented at a Poster Symposium “What does the Adult Attachment Interview measure and when does it matter? Longitudinal studies of attachment representation” at the biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Azizian, Allen, Pierre-Louis, Joanne, Morris, James** and Squires, N. (2000) Haven't I seen your face before? Event-related potentials in face recognition. Presented at the 40th Annual Meeting of the *Society for Psychophysiological Research*. San Diego, CA.
- Azizian, Allen**, Carrion, R., and Squires, N. (2001) Barking cats: An Event-Related Potential study of mismatching pictures and sounds. To be presented at the 2001 meeting of *EPIC*.
- Crowell, J., Gao, Y., Lawrence-Savane, T., **Abbott, Gina**, Olmsted, M., and Lord, C. (2001) When do attachment representations matter? Relations among the AAI, CRI, and behavior in the development of adult relationships. Paper presented at a Poster Symposium “What does the Adult Attachment Interview measure and when does it matter? Longitudinal studies of attachment representations” at the biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Buckley, Maureen E., Durbin, C. Emily, Hayden, Elizabeth P.**, and Klein, D.N. (2000) Development of a naturalistic observation measure of personality and behavior in preschoolers. Presented at the Annual Meeting of the *American Psychological Society*. Miami, FL.
- Buckley, Maureen E.**, Klein, D.N., **Durbin, C. Emily**, and **Hayden, Elizabeth P.** (2001) Rating scale and Q-sort methodologies provide comparable measures of preschoolers' behavior and personality. To be presented at the Annual Meeting of the *American Psychological Society*. Toronto, Canada.
- Cunliffe-Steiner, Michelle A.C. Guttman-Steinmetz, Sarit** and **Elliott, Melanie E.** (2001) Patterns of narrative co-construction across mother-child pairs: The role of mother's attachment security. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Waters, H.S., **Cunliffe-Steiner, Michelle A.C.** and **Guttman-Steinmetz, Sarit.** (2001) In search of narrative co-construction. Paper presented at an invited Symposium “Attachment and early representation: Integrating perspectives from cognitive and attachment approaches” at the biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Cunliffe-Steiner, Michelle A.C., Guttman-Steinmetz, Sarit**, and Waters, H.S. (1999) Narrative co-construction: Individual differences across mother-child pairs. Poster presented at the first annual meeting of the *Cognitive Development Society*. Chapel Hill, NC.
- Datz, G.**, Liebert, R.M. (2000). Effects of Laboratory-Induced Intense Tonic Pain on Cognitive Tasks of High and Low Demand. Poster Presentation, Annual Meeting of the *American Pain Society*. Atlanta, GA.
- DeVincent, Carla J.**, Lobel, M., and Meyer, B.A. (2001) Distinguishing effects of optimism, pessimism, and prenatal maternal stress on birth outcomes. To be presented at *Enhancing Outcomes in Women's Health*, an Interdisciplinary Conference sponsored by the American Psychological Association.
- Dickinson, Christopher** and Zelinsky, G.Z. (2001) Is Search Amnesic or Schizophrenic? Annual Meeting of the *Association for Research in Vision and Ophthalmology*. Fort Lauderdale, FL.
- Drabick, Deborah A.** and Strassberg, Z. (2001) Inter-rater agreement of qualitative aspects of noncompliance in aggressive boys. Poster presented at the biennial conference of the *Society for Research in Child Development*.

- Drabick, Deborah A.** and Strassberg, Z. (2001) The relation of qualitative aspects of noncompliance and symptoms of aggression and AD/HD. Poster presented at the biennial conference of the *Society for Research in Child Development*.
- Elliott, Melanie,** Waters, E., and Gao, Y. (2001) Are mothers and fathers different? The AAI and secure base support of young children. Paper presented at a Poster Symposium "What does the Adult Attachment Interview measure and when does it matter? Longitudinal studies of attachment representations" at the biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Geraci, Lisa** and Rajaram, S. (2000) Searching for the locus of the orthographic distinctiveness effect in memory. Poster presented at the annual meeting of the *Psychonomic Society*, New Orleans, LA.
- Geraci, Lisa** and Rajaram, S. (2000) Eliminating the effect of orthographic distinctiveness using a perceptual implicit memory test. Poster presented at the annual meeting of the *American Psychological Society*. Miami, FL.
- Hamilton, M. and **Geraci, Lisa.** (2000) Converting an Experimental Psychology Laboratory course from Paper and Pencil to Computer. Poster presented at the annual meeting of the *American Psychological Society*. Miami, FL.
- Graham, Jennifer E.,** Lobel M., and DeLuca, R.S. (2001) Postpartum anger: An overlooked reaction to childbirth and postpartum stressors. Presented at the annual meeting of the *Society of Behavioral Medicine*. Seattle, WA.
- Harkavy, Lisa A.** and Squires, N.K. (2000) The effect of unilateral somatosensory stimulation on hemispheric asymmetry during slow wave sleep: Event related potential measures of syntactic and semantic processing. Presented at the *Cognitive Neuroscience Society* meeting. San Francisco, CA.
- Hayden, Elizabeth P.,** Durbin, C. Emily, Buckley, Maureen E., and Klein, D.N. (2000) Convergent validity between parent report and laboratory measures of temperament. Presented at the Annual Meeting of the *American Psychological Society*. Miami, FL.
- Litcher, Leighann,** Carlson, G., Garber, J., Panina, N. and Bromet, E.J. (2000) Somatization in Ukrainian Children Eleven Years After the Chernobyl Disaster. Poster presented at the 2000 *Annual American Academy of Child and Adolescent Psychiatry Meeting*. New York, NY.
- Bromet, E.J., and **Litcher, Leighann.** (2000) Psychological Aftermath of the Chernobyl Disaster on Mothers of Young Children. Paper presented at the 2000 *Meeting of the American Public Health Association*. Boston, MA.
- Bromet, E.J. and **Litcher, Leighann.** (2000) Quality of Life in Sjogren's Syndrome. Abstract presented at 2000 Meeting of the *American Public Health Association*. Boston, MA.
- Lorber, Michael F.,** and O'Leary, S.G. (2000) Maternal negative appraisal biases and sensitivity to negative child behavior as predictors of overreactive discipline. Paper presented at the 2000 Annual Convention of the *American Psychological Association*. Washington, DC.
- Lorber, Michael F.** and O'Leary, S.G. (2000) Maternal negative appraisal biases and sensitivity to negative child behavior as predictors of overreactive discipline. Paper presented at the 2000 Annual Convention of the *Association for Advancement of Behavior Therapy*. New Orleans, LA.
- Lorber, Michael F.** and O'Leary, K.D. (2000) Predicting the stability of male physical aggression from engagement through early marriage. Paper presented at the 2000 Annual Convention of the *Association for Advancement of Behavior Therapy*. New Orleans, LA.
- Mashek, Debra,** and Aron, A. (2000) Too much or not enough: When perceptions of experienced and desired closeness differ. In D., Mashek (Chair), cognitive aspects of interpersonal closeness: Forming, maintaining, and ending close relationships. Symposium conducted at the meeting of the *Society for Personality and Social Psychology*. San Antonio, TX.

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- Aron, A., **Mashek, Debra, Lewandowski, Gary** and Aron, E. (2001) Relationship closeness as an overlap of cognitive representations of self and partner. In E. Finkel (Chair), How do close relationships influence the self? How does the self influence close relationships? Symposium conducted at the meeting of the *Society for Personality and Social Psychology*. San Antonio, TX.
- Mashek, Debra** and Aron, A. (2001) Confusion of self and others: An exploration of cognitive underpinnings. Poster presented at the meeting of the *Society for Personality and Social Psychology*. San Antonio, TX.
- Mashek, Debra, Cunliffe-Steiner, Michelle A.C.**, Waters, H., and Robinson, J. (2001) Teaching graduate students to teach. Participant idea exchange at the *National Institute on the Teaching of Psychology*. St. Petersburg Beach, FL.
- Massetti, Greta M.** (2000) Dynamic assessment of emergent literacy in Head Start. *Head Start Research Scholars Meeting*. Alexandria, VA.
- Massetti, Greta M.** and **Storch, Stacey A.** (2000) Emergent literacy and behavior problems among former Head Start children: The effects of classroom orientation. Poster session presented at the *Fifth National Head Start Research Conference*. Washington, DC.
- Massetti, Greta M.** (2000) Developing a dynamic assessment of emergent literacy in Head Start. *Head Start Research Conference*. Washington, DC.
- Massetti, Greta M.** and Whitehurst, G.J. (2001) Classification of reading impairments among former Head Start students. *Society for Research on Child Development*. Minneapolis, MN.
- Massetti, Greta M.** (2001) Differential impact of kindergarten models on literacy development and hyperactive behavior among former Head Start children. *Society for Research on Child Development*. Minneapolis, MN.
- McCloskey, Daniel P.**, Adamo, D., and Anderson, B.J. (2000) Does exercise affect cytochrome oxidase activity in rat motor cortex, striatum and hippocampus? Presented at the annual meeting of the *Society for Neuroscience*. New Orleans, LA.
- McCloskey, Daniel P., Shapiro, Lee** and Anderson, B.J. (2000) Teaching diverse laboratory techniques in a research university. Presented at the annual meeting of the *Society for Neuroscience*.
- Anderson, B.J., **McCloskey, Daniel P.**, Adamo, D.S. and Coburn-Litvak, P.S. (2001) Exercise that alters hippocampal-related behavior and metabolic capacity in motor structures does not alter metabolic capacity in the hippocampus. Poster presented at the 34th annual *Winter Conference on Brain Research*. Steamboat Springs, CO.
- Moerk, Kristin C.**, and Klein, D.N. (2000) Personality in binge eating disorder and depression: Do similarities in personality traits partially account for comorbidity findings? Presented at the Annual Meeting of the *Society for Research in Psychopathology*. Boulder, CO.
- Morris, James P., Harkavy, Lisa A., Azizian, Allen, Carrion, R., Brennan, S.B., and Squires, N.K.** (2000) Event related potential measures of syntactic and semantic processing. Presented at the *Cognitive Neuroscience Society* meeting. San Francisco, CA.
- Coburn-Litvak, P.S., **Pothakos, Kostas, Tata, Despina A.**, and Anderson, B.J. (2000) Does CA3 synaptic density change after 21 days of corticosterone injections? Presented at the annual meeting of the *Society for Neuroscience*.
- Pothakos, Kostas**, Kawashima, N., Coburn-Litvak, P.S., **McCloskey, Daniel P., Tata, Despina A.**, Adamo, D. S. and Anderson, B.J. (2000) Corticosterone injections disturb circadian behavioral rhythm? Presented at the annual meeting of the *Society for Neuroscience*. New Orleans, LA.
- Shankman, Stuart A.**, and Klein, D.N. (2000) The impact of comorbid anxiety disorders on the course of Dysthymic Disorder: A 5-year prospective longitudinal study. Presented at the Annual Meeting of the *American Psychological Association*. Washington, DC.

- Shankman, Stuart A.** and Klein, D.N. (2000) The impact of comorbid anxiety disorders on the course of dysthymic disorder: A 5-year prospective longitudinal study. Poster presented at the annual meeting of the *Society for Research in Psychopathology*. Boulder, CO.
- Snarr, Jeffrey D.**, and Strassberg, Z. (2000) Maternal Interpretations of Emotion Expression by Oppositional Preschool Boys. Poster presented at the 108th Annual Convention of the *American Psychological Association*. Washington, D.C.
- Storch, Stacey A.** and Whitehurst, G.J. (2001) The role and structure of emergent literacy skills in literacy outcomes of Head Start children. Poster session: Biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Storch, Stacey A.** (2001) The role of family and home in the developmental course of literacy in children from low-income backgrounds. Poster session: Biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Storch, Stacey A.**, Whitehurst, G.J. (2000) The role and structure of emergent literacy skills in literacy outcomes of Head Start children. Poster symposium. Fifth National *Head Start Research Conference*. Washington, DC.
- Friend, R., **Symister, Petra** and Wadhwa, N.K. (2001) Interpersonal expectations theory and adjustment to chronic illness: the contributions of Solomon Asch. *Society of Behavioral Medicine*. Seattle, WA.
- Symister, Petra**, Friend, R. and Wadhwa, N.K. (2001) The influence of social support on depression and optimism in chronic illness: a prospective study examining the role of self-esteem. *Society of Behavioral Medicine*. Seattle, WA.
- Tata, Despina A.** and Anderson, B.J. (2000) A new method for the investigation of capillary structure. Presented at the annual meeting of the *Society for Neuroscience*, New Orleans, LA.
- Troise, Dina M.**, and Levy, S.R. (2001) To imitate or to please: The role of social awareness on children's reported prejudiced attitudes. Paper to be presented at the Biennial Meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Levy, S.R., and **Troise, Dina M.** (2001) Children's Social Concerns With Appearing Prejudiced. Symposium paper to be presented in C. McKown (Chair), "The development and consequences of stereotype processes in childhood." Biennial Meeting of the *Society for Research in Child Development*. Minneapolis, MN.
- Wais, Diana**, Rodrigues, L. M., and **Guttman-Steinmetz, Sarit, Zevallos, Ana**, Waters, H.S., Posada, G., Carbonell, O.A., Alzate, G., and Bustamante, M.R. (2000) Attachments scripts across cultures. Poster presented at the annual meeting of the *Jean Piaget Society* meeting. Montreal, Quebec.
- Rodrigues, L.M., **Wais, Diana, Zevallos, Ana**, and **Rodrigues, Rachel R.** (2001) Attachment scripts across cultures: Evidence for a universal script. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Minneapolis, MN.

❖ Post-Doctorates Obtained and Professional Appointments

- Arthur, Carlotta.** (2001) Post-Doctorate Fellowship. W.K. Kellogg Foundation Minority Scholar in Health Disparities Fellowship, *Harvard University*, Cambridge, MA.
- Bashe, Allison.** (2000) Post-Doctorate Fellowship. *Colorado Mental Health Institute*, Fort Logan, CO.
- Beauchaine, Theodore.** (2000) Assistant Professor. Department of Psychology, *The University of Washington*, WA.
- Carnicom, Scott.** (2000) Assistant Professor. *Marymount University*, VA.

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- Geraci, Lisa.** (2001) Post-Doctorate Fellowship. *Washington University*, St. Louis, MO.
- Kasch, Karen.** (2000) Post-Doctorate Fellowship. *Stanford University*, CA.
- Mailloux, Jennifer.** (2001) Post-Doctoral Associate. John B. Pierce Laboratory, Affiliated with *Yale University*, New Haven, CT.
- Maloney, Thomas.** (2000) Research Associate. Sleep Center, SUNY at Stony Brook, NY.
- Rapp, David.** (2000) Post-Doctorate Fellowship. *Tufts University*, MA.
- Rodrigues-Doolabh, Lisa.** (2000) Post-Doctorate Fellowship. Department of Psychology, *SUNY at Stony Brook*, NY.
- Walter, Abbe.** (2000) Associate Research Scientist. NYU Child Study Center, *NYU School of Medicine*, NY.

Internship Appointments

- Belzer, Kenneth.** (2001-2002) Psychology Intern. Department of Psychiatry, Division of Psychology, *Montefiore Medical Center of Albert Einstein College of Medicine*, Bronx, NY.
- Cale, Sanja.** (2001-2002) Psychology Intern. *Developmental Disabilities Institute*, Smithtown, NY.
- Durbin, Catherine Emily.** (2001-2002) Psychology Intern. Department of Veterans Affairs, *Boston Consortium in Clinical Psychology*, Boston, MA.
- Jones, Emily.** (2001-2002) Psychology Intern. *Developmental Disabilities Institute*, Smithtown, NY.
- Massetti, Greta.** (2001-2002) Psychology Intern. *University of Chicago Medical Center*, Chicago, IL.
- Moerk, Kirstin.** (2001-2002) Psychology Intern. School of Medicine, *UCLA Neuropsychiatric Institute*, Los Angeles, CA.

SOCIOLOGY

GRADUATE DIRECTOR: IAN ROXBOROUGH
DEPARTMENT CHAIR: NORMAN GOODMAN

❖ Grants, Fellowships, and Awards

- Centrone, Monique.** (2000) University Teaching Fellowship, \$12,000. *SUNY at Stony Brook*, Stony Brook, NY.
- Connolly-Schoonen, Josephine.** (2001) Heart Links Worksite Project, \$60,000. *New York State Department of Health*, Albany, NY.
- Connolly-Schoonen, Josephine.** (2000-2001) Heart Links Community Healthy Heart Program, \$50,000. *New York State Department of Health*, Albany, NY.
- Culton, Kenneth.** (2000) W. Burghardt Turner Fellowship, \$14,500. *SUNY at Stony Brook*, Stony Brook, NY.
- Duchowny, Laurel.** (2000) Dissertation Research Improvement Grant, \$7,000. *National Science Foundation*, Washington, D.C.
- Rawlins, Roblyn.** (2000) Student Forum Travel Award, \$200. *American Sociological Association*, Washington, D.C.
- Trillo, Alexander.** (2000) W. Burghardt Turner Dissertation Fellowship, \$10,000. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Childress, Caroline.** (2001) Downward Mobility 101: Learning to be Flexible in an Age of Uncertainty. *The Hidden Curriculum in Higher Education*. E. Margolis, Ed. New York: Routledge.
- Dennis, Jeffery P.** (in press) Lying with Man as With Woman: Rethinking the Impact of Religious Discourse on Gay Urban Spaces. *The Journal of Homosexuality*.
- Dennis, Jeffery P.** (in press) Review of "Homosexualities" by Stephen O. Murray. *Men and Masculinities*.
- Dennis, Jeffery P.** (in press) Gay Studies, Islam, Judaism, Total Institutions, Utopias. *The World of Sociology*. J. Palmisano, Ed. Detroit: Gale Group.
- Dennis, Jeffery P.** (2000) From Arcadia to Utopia: Metanarratives of Same-Sex Desire in Ethnographic Writing. *Journal of Contemporary Ethnography* 30(3): 618-640.
- Dennis, Jeffery P.** (2000) Queer on the Tenure Track: Legitimization of Transgressive Sexualities in the Academy. *International Journal of Sexuality and Gender Studies* 5(3): 311-324.
- Lindquist, Carol S.** (2001) Add Penis and Stir: The Cookbook Approach to Gender Identity. *Advances in Gender Research*. P. Gagne and R. Tewksbury, Eds. New York and Amsterdam: Elsevier Science.
- Rawlins, Roblyn.** (in press) Long Rows of Short Graves: Sentimentality, Science, and Distinction in the 19th Century Construction of the Intellectually Precocious Child. *Symbolic Childhood*. D. Cook, Ed. New York: Peter Lang Publishers.
- Rawlins, Roblyn.** (in press) Gifted Children in the Family. *History of the Family in the United States: An Encyclopedia*. J. Hawes, and E. Shores, Eds. Denver, CO: ABC-CLIO.

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Rawlins, Roblyn. (2001) Discipline. *Boyhood in America: An Encyclopedia*. P. Ferguson Clement, and J. Reinier, Eds. Denver, CO: ABC-CLIO.

❖ Jointly Authored Publications/Research Reports/Reviews

Connolly-Schoonen, Josephine. (2000) Physiology of Anaerobic and Aerobic Exercise. *Sports Nutrition Manual, 2nd Edition*. Roosenbloom, C., Ed. Chicago: The American Dietetic Association.

Gimlin, D., Rule, J., and **Sievers, Sylvia.** (2000) The Uneconomic Growth of Computing. *Sociological Forum* 15(3): 485-510.

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

Boussious, Emanuel and Muñoz, José. (2001) Gang Activity in Long Island and New York City. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

Childress, Caroline. (2001) Chair for session on Social Psychology. *The 64th Annual Meeting of the Southern Sociological Society*. Atlanta, GA.

Childress, Caroline. (2001) Technical Education and the Reproduction of Class Identity. *The 64th Annual Meeting of the Southern Sociological Society*. Atlanta, GA.

Childress, Caroline. (2001) Gender in Government Funded Retraining Programs. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

Connolly-Schoonen, Josephine. (2001) Using Focus Groups to Plan School-Based Community Heart Disease Prevention Programs. *The 15th National Conference on Chronic Disease Prevention and Control*. Centers for Disease Control and Prevention, Washington, D.C.

Cullen, Pauline. (2000) Table Presider for session on The Role of Organizations in Social Movements. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

Cullen, Pauline. (2000) Negotiating Donor Relations: Accountability and Representativeness among European Union Social NGOs. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

Dennis, Jeffery P. (2001) Community? What Community? The Perils of Suburban Gay Men. *Diversity in Research and Society*. SUNY at Farmingdale, NY.

Dennis, Jeffery P. (2001) Crossing Castro Street: Arcadia, Utopia, and the Borderlands of Gay Space. *Sexuality and Space*. City University of New York, NY.

Dennis, Jeffery P. (2000) The Domestication of Transgressive Sexualities in the Academy. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

Diamond, Diane and Kimmel, M.S. (2000) Gender Integration at Virginia Military Institute and the United States Military Academy at West Point. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

Diamond, Diane and Kimmel, M.S. (2001) A Comparison of Gender Integration at the Virginia Military Institute and the United States Military Academy at West Point. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

Ghani, Navid. (2000) Integration through Equal Opportunities in a Scandinavian Welfare State: The Norwegian Case. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

Heller, Jacob. (2000) Resistance to Vaccination: Medical “Counter Movements” in American Discourse on Pertussis. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

Lindquist, Carol S. and Barthel, D. (2001) Voyeuristic Consumption: The All-Consuming Pastime. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

- Lindquist, Carol S.** and Polit Dueña, G. (2001) Cultural Colonization in Sex and Gender. *Beyond No Man's Land: Exploring the Limits of Gendered Bodies and Gendered Boundaries*. Harvard University, Cambridge, MA.
- Manolakes, Lucinda A.** (2000) Who are Suburbia's Firefighters? A Comparative Analysis of the Attributes of Volunteer Firefighters and Their Communities. *The 95th Annual Meeting of the American Sociological Association*. Washington DC.
- Muñoz, José.** (2000) Zapatista Mobilization and Global Opportunity Structures. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.
- Muñoz, José** and **Akella, Umasundari.** (2001) The Environmental-Labor Coalition, From Historic Opposition to New Movement Opportunities: How Long Will it Last? *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Ng, L. Charis.** (2001) Moonlighting Among Immigrants: When One Job is not Enough. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Rawlins, Roblyn.** (2000) Precocity as Pathology: Nineteenth Century Constructions of Early Intellectual Development in Children. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.
- Rawlins, Roblyn, Lindquist, Carol, and Heller, Jacob.** (2000) Organizers/Presiders. Expert Knowledges as Disciplinary Technologies. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.
- Neria, Y., **Sievers, Sylvia,** and Bromet, E. (2000) Trauma Exposure and Posttraumatic Stress Disorder in Psychosis: Findings from a First-Admission Cohort. *American Public Health Association 2000 Annual Meeting*. Boston, MA.
- Sher, Anna.** (2001) A Di-vision of Europe: The European Union Enlarged. *The Sixth Annual Convention of the Association for the Study of Nationalities (ASN)*. Columbia University, New York, NY.
- Spears, David** (2001) A Vegetarian Profile. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Wilson-Corzen, Vondora.** (2001) Presider for the session on Teaching Specific Issues in the Undergraduate Curriculum. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Wilson-Corzen, Vondora.** (2001) Dredging Activism Out of the Peconic. *The 71st Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Wu, Yingfeng.** (2000) Views of Rural Chinese on the Economic and Political Reform. *The 95th Annual Meeting of the American Sociological Association*. Washington, DC.

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

- Aguilera, Michael.** (2000) W. Burghardt Turner Post-Doctoral Faculty Traineeship. Department of Sociology, *SUNY at Stony Brook*, Stony Brook, NY.
- Green, Gayle.** (2000) Managing Editor. *Men and Masculinities*. An interdisciplinary, international journal of gender issues. Department of Sociology, *SUNY at Stony Brook*, Stony Brook, NY.
- Handler, Lisa.** (2000) Assistant Professor. Department of Sociology, *Temple University*, Philadelphia, PA.
- Pugliani, Patricia.** (2000) Project Staff Associate. Department of Preventive Medicine, School of Medicine, *University Hospital at Stony Brook*, Stony Brook, NY.
- Rawlins, Roblyn.** (2001) Visiting Instructor. American Studies, *SUNY at Old Westbury*, Old Westbury, NY.

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Vouyouka-Sereti, Maria (2000) Assistant Professor. Department of Anthropology, Sociology, Psychology, and Social Work, *City University of New York - College of Staten Island*, Staten Island, NY.

THEATRE ARTS

GRADUATE DIRECTOR: MICHAEL X. ZELENAK
DEPARTMENT CHAIR: JOHN LUTTERBIE

❖ Grants, Fellowships, and Awards

Evangelou, Ellada. (2000) Scholarship for Graduate Studies in the United States. *Fulbright Commission and Cyprus American Scholarship Program (CASP)*. Nicosia, Cyprus.

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

Evangelou, Ellada. (2001) Animation in the Christian Orthodox Liturgy and the Noh Theatre. *Comparative Drama Conference*. Columbus, OH.

❖ Theatrical Productions

Bandler, Charles. (2000) Actor: Li'l Abner (Hairless Joe). *The Stage*, Merrick, NY, The Man Who Came to Dinner (Professor Metz, Expressman). *The Stage*, Merrick, NY.

Bandler, Charles. (2001) Actor: On the Twentieth Century (Max Jacobs). *The Stage*, Merrick, NY, Fiddler on the Roof (Mordcha, the Innkeeper). *Creative Ministries*, Oakdale, NY, Fiddler on the Roof (Lazar Wolf). *Creative Ministries*, Oakdale, NY.

Beck, Glen. (2000) Actor: Six Degrees of Separation (Larkin). *Staller Center, Theatre Two*, Stony Brook, NY, Winnie the Pooh (Tigger). *The Stage*, Merrick, NY, Lil' Abner (Softwicke, Crony). *The Stage*, Merrick, NY, Rumpelstiltskin (The King). *The Stage*, Merrick, NY.

Beck, Glen. (2000) Playwright and Director. Sex on Broadway! *Cabaret @the Spot*, Stony Brook, NY.

Beck, Glen. (2001) Actor: Night Watch (John). *DCT*, Douglaston, Queens, NY, Nobody Loves a Dragon (Sir Cad). *The Stage*, Merrick, NY, The Fourth of February: A Play? (Seth). *Staller Center, Theatre One*, Stony Brook, NY, The Mousetrap (Christopher Wren). *The Stage*, Merrick, NY, Two Belles by a Willie? (For Whom the Southern Belle Tolls and Belle Reprieve). *Staller Center, Theatre One*, Stony Brook, NY.

Beck, Glen. (2001) Dramaturge: The Canterbury Tales. *Staller Center, Theatre One*, Stony Brook, NY,

Beck, Glen. (2001) Director. Lawrence in Southern Belle. *Cabaret @the Spot*, Stony Brook, NY.

Evangelou, Ellada. Director/Producer. Fotinos. *Cabaret at the Spot*, Stony Brook, NY.

Evangelou, Ellada. (2001) Dramaturge. The Vagina Monologues (part of the V-Day initiative). *Stony Brook Union Auditorium*, Stony Brook, NY.

Kellner, Aaron. (2000) Actor. Satan on a Winged Maxi-Pad (Jesus Man). *Cabaret @ The Spot-SUNY SB*, Stony Brook, NY.

Kellner, Aaron. (2001) Director. Keeping Up With the Joneses. *Cabaret @ The Spot-SUNY SB*, Stony Brook, NY.

Kellner, Aaron. (2001) Dramaturge. Macbeth. *Staller Center Theater Two-SUNY SB*, Stony Brook, NY.

Kellner, Aaron. (2001) Marketing Coordinator. Canterbury Tales. *Staller Center Theater One*, Stony Brook, NY.

THEATRE ARTS

- Lantz-Gefroh, Valeri.** (2001) Director. The Universal Language. *Cabaret at the Spot*, Stony Brook University, Stony Brook, NY.
- Searles, Jason.** (2000) Actor. "Out of the Cauldron" by Michael Zelenak. *Cabaret @ the Spot*, Stony Brook, NY.
- Searles, Jason.** (2000) Director. "Gallows Humor" by Jack Richardson. *Cabaret @ the Spot*, Stony Brook, NY.
- Searles, Jason.** (2000) Director. Suicide, Sex and a cup of coffee. *Cabaret @ the Spot*, Stony Brook, NY.
- Searles, Jason.** (2000) Marketing and Design. A Macbeth. *Stony Brook Stages*, Stony Brook, NY.
- Searles, Jason.** (2000) Playwright and Director. Satan on a winged Maxi pad. *Cabaret @ the Spot*, Stony Brook, NY.
- Sinanovic, Jasmina.** (2000) Actor. Satan on Winged Maxipad (Marxman). *Cabaret @ the Spot*, Stony Brook, NY.
- Sinanovic, Jasmina.** (2001) Actor. The Canterbury Tales (Wife of Bath and others). *Theatre One, Staller Center*, Stony Brook, NY.
- Sinanovic, Jasmina.** (2001) Director and Writer. All About O. *Cabaret @ the Spot*, Stony Brook, NY.
- Thacker, Candice.** (2000) Actor. "Out of the Cauldron" by Michael Zelenak. *Cabaret @ the Spot*, Stony Brook, NY.
- Thacker, Candice.** (2000) Actor. "A Doll House" by Hendrik Ibsen. *Stony Brook Stages*, Stony Brook, NY.
- Thacker, Candice.** (2000) Actor. Satan on a winged Maxi pad. *Cabaret @ the Spot*, Stony Brook, NY.
- Thacker, Candice.** (2000) Director. Gallows Humor by Jack Richardson. *Cabaret @ the Spot*, Stony Brook, NY.
- Thacker, Candice.** (2000) Director. Suicide, Sex and a cup of coffee. *Cabaret @ the Spot*, Stony Brook, NY.
- Thacker, Candice.** (2000) Dramaturg. Six Degrees of Separation, *Stony Brook Stages*, Stony Brook, NY.

❖ Exhibitions/Performances

- Thacker, Candice.** (2000) Foyer Display. "Six Degrees of Separation" by John Guare. *Stony Brook Stages*, Stony Brook, NY.

❖ Internship Appointments

- Bandler, Charles.** (Fall 2000 and Spring 2001) Student Teacher. *The Setauket School*, East Setauket, NY.
- Kellner, Aaron.** (2001) Literary Management Intern. *Abingdon Theater Company*, New York, NY.
- Lammers, Petra.** (2001) General intern. *Manhattan Ensemble Theater focus literary*, New York, NY.
- Lammers, Petra.** (2001) General intern. *Ontological Hysterical Theater focus dramaturgy Production of Richard Foreman*, New York, NY.

❖ **Translations**

Evangelou, Ellada. (2000) Fotinos. Work by Panos Ioannides. From Greek/Cypriot Greek into English. *Cabaret at the Spot*, Stony Brook, NY.

❖ **Website Developed**

Sinanovic, Jasmina. (2000) Web designer. Six Degrees of Separation. *Theatre Art Department web site*
<http://www.sinc.sunysb.edu/Class/thr500/thr500/sixdegrees/> SUNY at Stony Brook, NY.

Sinanovic, Jasmina. (2001) Assistant web designer. *Theatre Art Department web site*
<http://www.sunysb.edu/theatrearts/>. SUNY at Stony Brook, NY.

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