

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 1998-1999 academic year.

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

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

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



Lawrence B. Martin
Dean of the Graduate School

ACKNOWLEDGEMENTS

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

- **On the Cover**

Kristen by Jason Godeke

Jason Godeke is a graduate student in the Master of Fine Arts program and the winner of the 1999 Dorothy L. Pieper Memorial Purchase Prize.

- **Cover design:** Greg Glancey

- **Editing and Typesetting:** Greg Glancey

The Graduate School

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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**, Dean: Paul Armstrong

Anthropological Sciences
Art History & Criticism and Studio Art
Cellular and Developmental Biology
Chemistry
Comparative Literature
Ecology and Evolution
Economics
English
European Languages, Literatures and Cultures
Genetics
Geosciences
Hispanic Languages and Literature
History
Linguistics
Mathematics
Molecular Biology and Biochemistry
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 & CONTINUING STUDIES**, Dean: Paul Edelson

The 1999 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.

Richard Barba-Reyes	<i>Sociology</i>
Ritch Calvin	<i>Comparative Literature</i>
Erin Flynn	<i>Philosophy</i>
Amy Gorin	<i>Psychology</i>
Sean Kirkland	<i>Philosophy</i>
Lisa Rodrigues	<i>Psychology</i>

✦ President's Award to Distinguished Doctoral Students

This award is made in recognition of the following criteria:

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

Jennifer Hansen	<i>Philosophy</i>
Brian Kuhlman	<i>Chemistry</i>
Tianbo Liu	<i>Chemistry</i>
Shannon Meyer	<i>Psychology</i>
Gianluca Oderda	<i>Physics and Astronomy</i>
Catherine Stewart	<i>History</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.

Jason Godeke	<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.

Robin Leake	<i>Psychology</i>
Lisa Schwartzman	<i>Philosophy</i>
Carey Snyder	<i>English</i>
Catherine Stewart	<i>History</i>

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

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

Lanei Rodemeyer	<i>Philosophy</i>
Derek Williams	<i>History</i>

ANATOMICAL SCIENCES

GRADUATE DIRECTOR: BRIGITTE DEMES
DEPARTMENT CHAIR: JACK STERN

❖ Grants, Fellowships and Awards

Curry, Kristina A. (1998) National Geographic Society Research Grant (co-PI). *National Geographic Society*, Washington, D.C.

Curry, K.A. (1998) Student Research Grant, \$500. *The Paleontological Society*, Louisiana.

Curry, K.A. (1998) Norman Creel Prize for Research in Anatomical Sciences, \$700. *Department of Anatomical Sciences, SUNY at Stony Brook*, Stony Brook, NY.

O'Connor, P.M. (1998) National Science Foundation Travel Grant.

❖ Singly Authored Publications/Research Reports/Reviews

Curry, K.A. (1998) Histological quantification of growth rates in *Apatosaurus*. *Journal of Vertebrate Paleontology* 15: 36A.

❖ Jointly Authored Publications/Research Reports/Reviews

Alexander, J., and **Burger, B.** (in press) Stratigraphy and Taphonomy of Grizzly Buttes, Bridger Formation, middle Eocene of Wyoming. *Eocene Vertebrates: unusual occurrences, and rarely sampled habitats*. Gunnell, G.F., Ed. New York: Plenum Publishing.

Munyikwa, D., Sampson, S.D., Rogers, R.R., Forster, C.A., **Curry, K.A.**, and Curtice, B.D. (1998). Vertebrate Paleontology and Geology of the Gokwe Formation, Zimbabwe. *Journal of African Earth Sciences* 27:142-143.

O'Connor, P.M., and Sampson, S.D. (1998) The Vertebral Column of "Majungatholus atopus" (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 18 (suppl. 3): 67A.

Sampson, S.D., Witmer, L.D., Forster, C.A., Krause, D.W., **O'Connor, P.M.**, Dodson, P.D., and Ravoavy, F. (1998) Predatory Dinosaur Remains from Madagascar for the Cretaceous Biogeography of Gondwana. *Science* 280: 1048.

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

Burger, Benjamin (1998) A new skeleton of *Hyopsodus* from the Eocene of Wyoming. *Annual meeting of the Society of Vertebrate Paleontology*. Snowbird, Utah.

Curry, K.A., (1998) Histological quantification of growth rates in *Apatosaurus*. *Society of Vertebrate Paleontology*. Snowbird, Utah.

Sallee, F.R., Hilal, R., **Dougherty, D.**, Beach K., Nesbitt, L. (1998) Platelet serotonin transporter in depressed children and adolescents: 3H-paroxetine platelet binding before and after setraline. *Journal of the American Academy of Child and Adolescent Psychiatry* 37(7): 777-84.

- Sallee, F.R., Richman, H., Sethurman, G., **Dougherty, D.**, Sine, L., Altman-Hamadizic, S. (1998) Clonidine challenge in childhood anxiety disorder. *Journal of the American Academy of Child and Adolescent Psychiatry* 37(6): 655-62.
- O'Connor, P.M.** and Sampson, D.D. (1998) The Vertebral Column of "Majungatholus atopus" (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. *58th Annual Meeting of the Society of Vertebrate Paleontology*. Snowbird, Utah.
- Samonds, K.E.**, Godfrey, L.R. and Jungers, W.L. (1998) Dental Development in the Indridae and Palaeopropithecidae: Phylogenetic, ecological, and life history correlates. *International Society of Physical Anthropologists*. Antananarivo, Madagascar.
- Samonds, K.E.**, Godfrey, L.R., Jungers, W.L. and Martin, L.B. (1999) Primate dental development and the reconstruction of life history strategies in subfossil lemurs. *American Association of Physical Anthropologists*. Columbus, Ohio.

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: CURTIS MAREAN

❖ Grants, Fellowships and Awards

- Ahluwalia, Kamla.** (1998) Madeline Fusco Women's Fellowship, \$1, 000. *State University at Stony Brook*, Stony Brook, NY.
- Assefa, Zelalem.** (1998-99) National Science Foundation Grant, \$15, 000. Arlington, VA.
- Callans, Jennifer.** (1997-99) National Science Foundation Grant, \$42, 500. Arlington, VA.
- Davis, Zachary.** (1999) Travel Grant to the Paleoanthropology Society Meetings, \$200. *Paleoanthropology Society*, Arlington, VA.
- Fajardo, Roberto.** (1998) Leakey Foundation General Grant, \$5, 000. *The Leakey Foundation*, San Francisco, CA.
- Irwin, Mitchell.** (1998) Graduate School Fellowship, \$7500 (\$2500/ann. for 3 years). *Graduate School, SUNY at Stony Brook*, Stony Brook, NY.
- Irwin, Mitchell.** (1999) NSERC Post-Graduate Scholarship A, \$34, 600 (Canadian). *Natural Sciences and Engineering Research Council of Canada (NSERC)*, Ottawa, Ontario, Canada. **DECLINED** due to enrollment at non-Canadian University.
- Lam, Yin-Man.** (1998-99) LSB Leakey Grant, \$2, 500. San Francisco, CA.
- Lam, Yin-Man.** (1998-99) National Science Foundation Grant, \$15, 000. Arlington, VA.
- Metzger, Keith.** (1998) Graduate Council Fellowship \$14, 000. *SUNY at Stony Brook*, Stony Brook, NY.
- Paciulli, Lisa.** (1998-99) Primate Conservation Incorporation Grant, \$1, 000. East Hampton, NY.
- Polk, John.** (1998) The Influence of Body Size and Body Proportions on Primate Quadrupedal Locomotion. National Science Foundation Doctoral Dissertation Improvement Grant, \$11, 910. Arlington, VA.
- Polk, John.** (1998-1999) University Teaching Fellowship \$500 per semester. *Council of Distinguished Teaching Professors, SUNY at Stony Brook*, Stony Brook, NY.
- Porter, Leila.** (1997-99) Chicago Zoological Society Grant, \$5, 600. Brookfield, IL.
- Porter, Leila.** (1997-99) National Science Foundation Grant, \$6, 905. Arlington, VA.
- Porter, Leila.** (1997-99) The Douroucouli Foundation Grant, \$8, 000. Los Angeles, CA.
- Quizon, Cherubim A.** (1998) Association for Asian Studies-Southeast Asia Council (AAS-SEAC) Small Grants for Isolated Scholars, \$1, 200.00. *Association for Asian Studies-Southeast Asia Council*, Ann Arbor, Michigan.
- Quizon, Cherubim A.** (1998) Doctoral Program in Anthropological Sciences-Doctoral Student Conference Travel Support, \$250.00. *SUNY at Stony Brook, Department of Anthropology, Doctoral Program in Anthropological Sciences*, Stony Brook, NY.
- Ratsimbazafy, Jonah.** (1997-99) Wenner Gren Foundation Grant, \$12, 500. New York, NY.
- Ratsimbazafy, Jonah.** (1997-99) Wildlife Conservation Society Grant, \$7, 000. Bronx, NY.
- Ratsimbazafy, Jonah.** (1997-99) Wildlife Preservation Trust International Grant, \$10, 173.05. Philadelphia, PA.
- Reed, Denne.** (1998) Micromammal Paleoecology: Past and Present Relationships between African Small Mammals and their Habitats, \$11, 796. *National Science Foundation*, Arlington, VA.

- Reed, Denne.** (1998) Micromammal Paleoecology: Past and Present Relationships between African Small Mammals and their Habitats, \$15, 000. *Wenner-Gren Foundation for Anthropological Research*, New York, NY.
- Shah, Natasha.** (1997-99) LSB Leakey Grant, \$7, 210. San Francisco, CA.
- Shah, Natasha.** (1997-99) National Science Foundation Grant, \$11, 000. Arlington, VA.
- Shah, Natasha.** (1998) Primate Conservation Inc., \$5, 350. East Hampton, NY.
- Shah, Natasha.** (1997-99) Wenner Gren Foundation for Anthropological Research, \$14, 607. New York, NY.
- Stumpf, Rebecca.** (1998) Female Mate Selection in Chimpanzees of the Tai Forest, Cote d'Ivoire. Doctoral Dissertation Improvement Grant, \$7, 000. *National Science Foundation* Arlington, VA.

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

- Merwin, Daria.** (1998) Book Review, "We Are Still Here! The Algonquian Peoples of Long Island Today" by John A. Strong. *The Long Island Historical Journal* 11:113-115.
- Quizon, Cherubim A.** (1998) Living the "Ethnic" in Mindanao: Abaca Ikat Cloth, the Market and the Women Who Make Them. *Pananaw Journal of Visual Arts* 2 [Manila].
- Quizon, Cherubim A.** (1998) Men, Women, War and Peace: Perspectives on Contemporary Bagobo and B'laan Textiles. *The rainbow's varied hue: textiles from the Southern Philippines*. R. Hamilton, Ed. Los Angeles: University of California at Los Angeles-Fowler Museum of Cultural History.
- Stevenson, P.R.** (1998) Proximal Spacing Between Individuals in a Group of Woolly Monkeys (*Lagothrix lagotricha*) at Tinigua National Park, Colombia. *International Journal of Primatology* 19(2): 299-312.

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

- Stevenson, P.R., Quinones, M.J., and Ahumada, J.A.** (1998) Effects of Fruit Patch Availability on Feeding Subgroup Size and Spacing Patterns in Four Primate Species, at Tinigua National Park, Colombia. *International Journal of Primatology* 19(2): 313-324.
- Stevenson, P.R., Quinones, M.J., and Ahumada, J.A.** (1998) Annual variation in fruit production using two different methods in a lowland tropical forest, Tinigua National Park, Colombia. *Biotropica* 30(1): 129-134.
- Stevenson, P.R., Castellanos, M.C., and Barreto, L.** (1998) Estudio preliminar de la dispersión de semillas por monos churucos (*Lagothrix lagotricha*) en el Parque Tinigua, Colombia. *Universitas Scientiarum* 4(1): 23-30.
- Wyner, Y., Absher, R., Amato, G., Sterling, E., **Stumpf, R.**, Rumpler, Y., and DeSalle, R. (1999) Species concepts and the determination of historic gene flow patterns in the *Eulemur fulvus* (Brown Lemur) complex. *Biological Journal of the Linnean Society* 65: 39-56.

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

- Davis, Zachary.** (1999) Levantine Mousterian mobility patterns: the view from Mt. Carmel, Israel. *Paleoanthropology Society Meetings*. Columbus, OH.
- Fajardo, Roberto, Ryan, T.M., and Kappelman, J.** (1999) Quantitative Analysis of Primate Trabecular Bone Architecture: Comparison of High Resolution X-ray Computed Tomography and Histologic Sections. *The American Association of Physical Anthropologists Annual Conference*. Columbus, OH.

- Fajardo, Roberto and Lague, M.R.** (1999) An Analysis of the Morphological Variation in the Santacrucian Xenarthran "Hapalops:" Implications for Sloth Taxonomy. *Congreso Internacional de la Evolucion Neotropical del Cenozoico*. La Paz, Bolivia.
- Merwin, Daria, Bernstein, D., and Lenardi, M.** (1999) Prehistoric Adaptations in the Pine Barrens of Long Island, New York. *The 64th Annual Meeting of the Society for American Archaeology*. Chicago, IL.
- Quizon, Cherubim A.** (1998) Between the field and the museum: the Benedict collection of abaca ikat textiles. *Textile Society of America Symposium 98*. Fashion Institute of Technology, New York, NY.
- Quizon, Cherubim A.** (1998) Rethinking the datu: Bagobo women & textile outside the chiefly domain. *International Conference for Asian Scholars (ICAS)*. Nordwijkerhout, the Netherlands.
- Quizon, Cherubim A.** (1998) The stuff of dreams, the fruit of labor: a repertoire of abaca ikat textiles in Southern Mindanao. *Philippines Festival, Fowler Museum Curatorial Lectures, UCLA Museum*. University of California at Los Angeles.
- Quizon, Cherubim A.** (1998) Understanding "indigenism" in contemporary Philippine art. *The 15th Annual Berkeley Conference on Southeast Asian Studies: Literary, Verbal and Visual Arts of Southeast Asia*. University of California at Berkeley.
- Shea, J., Brown, K., and **Davis, Z.** (1999) Experimental test of Middle Paleolithic hunting weapons: preliminary results. *The 64th Annual Meeting of the Society for American Archaeology*. Chicago, IL.
- Stevenson, P.R.** (1998) Seed shadows generated by Woolly Monkeys (*Lagothrix lagothricha*) at Tinigua National Park, Colombia. *Memories of the XVIIth Congress of the International Primatological Society*, Antananarivo, Madagascar.

❖ Post-Doctorates Obtained and Professional Appointments

- Buchman, David** (1998) Instructor. Department of Behavioral Sciences, *Suffolk County Community College*, Selden, NY.
- Buchman, David** (1998) Assistant Adjunct Professor. School of Professional Development and Continuing Education, *SUNY at Stony Brook*, Stony Brook, NY.
- Richmond, Brian.** (1998) Post-Doctoral Fellow. Department of Anthropology, *George Washington University*, Washington, DC.
- Strait, David** (1998) Post-Doctoral Fellow. Department of Anthropology, *George Washington University*, Washington, DC.
- Watanabe, Buichiro.** (1999) Lecturer. Department of International Studies, *Mishima University*, Mishima, Japan.
- Wunderlich, Roshna.** (1999) Post-Doctoral Fellow. Center for Locomotor Studies, *Pennsylvania State University*, College Station, PA.

❖ Curatorial Appointments

- Quizon, Cherubim A.** (1998) Thinking of 100 Years: Historical and cultural notes from Filipinos and Filipino-Americans in Ann Arbor. *Ann Arbor Public Library*, Ann Arbor, Michigan.

APPLIED MATHEMATICS and STATISTICS

GRADUATE DIRECTOR: WOO JONG KIM
DEPARTMENT CHAIR: JAMES GLIMM

❖ Grants, Fellowships, and Awards

- Bozza, Roger.** (1999) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- Bryan, Jarod.** (1999) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- George, Erwin.** (1999) Turner Fellowship. *The Graduate School of Stony Brook University*, Stony Brook, NY.
- James, Aisha.** (1999) Turner Fellowship. *The Graduate School of Stony Brook University*, Stony Brook, NY.
- Marchese, Andrea.** (1999) GAANN Fellowship, \$15,000. *Department of Education.*, Washington, D.C.
- Moon, Hojin.** (1998) The International Biometric Society's Eastern North American Region (ENAR) Student Paper Award, \$500.00. *The International Biometric Society Eastern North American Region (ENAR)*, Reston, VA.
- Ozaydin, Filiz.** (1999) Turkish Ministry of Education Fellowship for Graduate Study. *Turkish Government*, Turkey.
- Ozcan, Cevriye.** (1999) Two-Year Graduate Fellowship. *The Central Bank of the Republic of Turkey*, Turkey.
- Sims, Brett.** (1999) Turner Fellowship. *The Graduate School of Stony Brook University*, Stony Brook, NY.
- Wagner, James.** (1999) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- Wilson, Christina.** (1999) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- Yang, Hyunmi.** (1998) Fellowship, \$31,128.00. *Kimberly-Clark Corporation*, Neenah, WI.

❖ Singly Authored Publications/Research Reports/Reviews

- Estkowski, Regina.** (1998) No Steiner Point Subdivision Simplification is NP-Complete. *Proceedings of the 10th Canadian Conference on Computational Geometry*.
- Pinezich, John.** (1998) Numerical Investigation of a Riemann Problem for a Hamilton-Jacobi Equation. *Nonlinearity* (submitted).
- Pinezich, John.** (1998) Periodic Structure in Two-Dimensional Riemann Problems for Hamilton-Jacobi Equations. *Nonlinearity* (submitted).

❖ Jointly Authored Publications/Research Reports/Reviews

- Garber, W.B.,** Tangerman, F. (1999) Calculating Radiative Heat Transfer in an Axisymmetric Closed Chamber: An Application to Crystal Growth. *Journal of Crystal Growth* (submitted).
- Krozel, J., **Lee, C.,** Mitchell, J., S., B. (1999) Estimating time of Arrival in Heavy Weather Conditions. *Proceedings of the AIAA Guidance, Navigation and Control Conference*. Portland, OR, U.S.A.
- Levy, D., L., Mendell, N.R., Bloom, R., La Vancher, B.A., **Lo, Yuntai,** Brownstein, J., Matthyse, S., Holzman, P. (1999) Antisaccades and the Frontal Lobe in Schizophrenia: A Reassessment.

- Tewarson, R.P., Toro, W., **Marcano, M.** (1998) Preferential Interaction and Inverse Problem Algorithms in Models of Renal Concentrating Mechanism. *Applied Math Letters Vol. 11(3)*: pp. 51-59.
- Moon, H.**, Ahn, H., Kodell, R.L., Pearce, B.A. (1999/in print) A Comparison of a Mixture Likelihood Method and the EM algorithm for an Estimation Problem in Animal Carcinogenicity Studies. *Computational Statistics and Data Analysis*.
- Moon, H.**, Tewarson, R.P.(1998) Numerical Solutions of Differential Equations for Renal Concentrating Mechanism in Inner Medullary Vasa Recta Models. *Computers Math Application Vol. 36(7)*: pp. 69-78.
- Moon, H.**, Tewarson, R.P.(1999/in print) Multi-Nephron and Multi-Vasa Recta Models of the Inner Medullary Renal Concentrating Mechanism. *Computers Math Application*.
- Zhu, W., Finch, S., Ahn, H., Glimm, J., **Mugno, R.**, Zheng, L. (1998/in press) On the Application of Statistical Methodology to Pattern Detection in a Half Terabyte Data Set. *American Statistical Association, 1998 Proceedings of the Sections on Government Statistics and Social Statistics*.
- Oh, W.**, Lindquist, W.B. (1999) Image Thresholding by Indicator Kriging. *Transactions on Pattern Analysis and Machine Intelligence*.
- Rullman, G., Anderson, L., Langmeier, A. Tangerman, F., **Vanderwoude, G.** (1999) Mides Earth Sensor on Orbit Accuracy Compared to a High Performance Star Tracker. *American Astronomical Society Vol. AAS-90-9043*.
- Lindquist, W.B., **Venkataraman, A.** (1998) Investigating 3D Geometry of porous Media From High Resolution Images *Physics and Chemistry of the Earth*.
- Xiang, X.**, Held, M., Mitchell, J.S.B. (1999) Fast and Effective Stripification of Polygonal Surface Models. *Proceedings of the ACM Symposium on Interactive 3D Graphics*. April, 1999.
- Xiang, X.**, Held, M., Mitchell, J.S.B. (1999) Fast and Effective Stripification of Polygonal Surface Models. *Proceedings of the Tenth Annual ACM-SIAM Symposium on Discrete Algorithms January, 1999*: pp. S985-986.
- Zhu, W., Finch, S., Ahn, H., Glimm, J., Mugno, R., **Zheng, L.** (1998/in press) On the Application of Statistical Methodology to Pattern Detection in a Half Terabyte Data Set. *American Statistical Association, 1998 Proceedings of the Sections on Government Statistics and Social Statistics*.

❖ Abstracts, Conferences, Colloquia, Presentation, Symposiums, Workshops

- Ahn, H., Kodell, R.L. **Moon, H.**, and Zhang, Y. (1998) Estimating Time to Onset of Occult Tumors in the Absence of Cause-of-Death Information. *The Biometric Society Eastern North American Region Spring Meetings*. Pittsburgh, Pennsylvania.
- Zhu, W., Finch, S., Ahn, H., Glimm, J., **Mugno, R.**, and **Zheng, L.** (1998) On the Application of Statistical Methodology to Pattern Detection in a Half Terabyte Data Set. *American Statistical Association, 1998 Proceedings of the Sections on Government Statistics and Social Statistics*. Alexandria, Virginia, United States of America.

❖ Post-Doctorates Obtained and Professional Appointments

- Lo, Yuntai.** (1999-2001) Post Doctorate. Department of Applied Mathematics, *Harvard University*, Boston, MA.
- Oh, Wonho.** (1998-1999) Post Doctorate. Department of Applied Mathematics and Statistics, *Stony Brook University*, Stony Brook, NY.
- Pinezich, John.** (1998-1999) Post Doctorate. Department of Applied Mathematics and Statistics, *Stony Brook University*, Stony Brook, NY.

❖ **Internship Appointments**

Moon, Hojin. (1999) Researcher. National *Center for Toxicological Research (NCTR), Food and Drug Administration*, Jefferson, AR.

❖ **Software Developed**

Lindquist, W.B., **Hyunmi, Y., Oh, W., and Venkatarangan, A.** (1998) 3DMA. Geometric Analysis of 2D and 3D biphasic material.

ART

GRADUATE DIRECTOR: BARBARA FRANK
DEPARTMENT CHAIR: JAMES RUBIN

❖ Grants, Fellowships and Awards

Winkenweder, Brian. (1998-1999) Maurice M. Goldberger and Miriam H. Goldberger Fine Arts Scholarship, \$2900.
Art Department, SUNY at Stony Brook, Stony Brook, NY.

❖ Singly Authored Publication/Research Reports/Reviews

Cohalan, Marylou. (1998) Reinventing the Avant Garde: A Stylistic Analysis of Selected Essays of Jacques Derrida, *Art Criticism* Vol. 13, No. 2.

Ganis, William. (1999/in press) "The Eternal Lady: Andy Warhol's Jackie Series vis à vis Friedrich Nietzsche's Eternal Return of the Same." *Visual Resources*.

Ganis, William. (1999) "Critical Moments." *Art Criticism* Vol. (14.1):pp. 5-60.

Miller, Keith. (1998-1999) Review in *Art Papers*.

Salvatore, Nina. (1999) "Dirty Pictures: The World Through Smoke Colored Glasses," Karen Levitov, Review in *The Stony Brook Statesman* Vol. XLII #30:p. 12,

Winkenweder, Brian. (1998) "Art History, Sartre and Identity in Rosenberg's America." *Art Criticism* Vol. (13) No. 2: pp. 83-02.

❖ Jointly Authored Publication/Research Reports/Reviews

Salvatore, Nina, and Brown, Kristen. (1999) "Technological Art in the 90's." *Art Criticism*.

❖ Abstracts, Conferences, Colloquia, Presentation, Symposiums, Workshops

Ganis, William. (1999) "The Inculcation of the Consumer Body: Totalized Fulfillment of the Sensate in the Paradox of Authentic Reproduction." *The Art of Persuasion: Cultural Tools of Ideology, Art History. Department Interdisciplinary Symposium.* University of California, Santa Barbara, CA.

Ganis, William. (1999) "The Phenomenology of the Ersatz: Consumerism, the Body, and Vernacular Architecture." *Posing Questions: Interrogating Performance, Exhibition, and Representation, English Department Colloquium.* SUNY at Stony Brook, Stony Brook, NY.

Ganis, William. (1999) "A Special Guest Appearance by God: An Analysis of the Old Testament Trinity and Philoxenia in Russian and Byzantine Art." *Twentieth Medieval Forum.* Plymouth State College, Plymouth, NH.

Ganis, William. (1999) "Constructing Corporate Identity Through Integrated Theming." *Graphic Design Senior Seminar.* Pratt Manhattan, New York, NY.

Ganis, William. (1999) "The Phenomenology of the Ersatz: Consumerism, the Body, and Vernacular Architecture." "The American City" *Studies in American Culture: The Frank R. Veale Symposium.* Pennsylvania Academy of the Fine Arts, Philadelphia, PA.

- Levitov, Karen.** (1999) Reclaiming the White Cube: Museum Exhibition and the Photo - Installations of Carrie Mae Weems. *Posing Questions*, SUNY at Stony Brook.
- Miller, Keith.** (1999) "Realism: Gustave Courbet to Jerry Springer." *Expanding the Visual Field: The Coercive Image*, U.S.C.
- Miller, Keith.** (1999) "Kitsch and the Body: Plastic surgery and Body Manipulation at the end of the millennium," *Posing Questions*, SUNY-Stony Brook.
- Somers, Lynn.** (1999) "Visual Pleasure and Laura Kipnis: Psychoanalytic Theory and Marxist Praxis." *Women and the Millennium: Gender, Culture and Globalization, Women's Studies Network Conference*, Center for the Study of Women and Gender, University of Warwick, RI.
- Somers, Lynn.** (1999) de a ma mere: Louise Bourgeois, Intersubjective Psychoanalysis and Feminism. *Body Image Colloquium*, McGill University, Montreal, Department of Art History.
- Somers, Lynn.** (1999) Re-Imaging the Phallic Mother "The Symbolic Self-Portraiture of Louise Bourgeois." *Posing Questions: Interrogating Performance, Exhibition, and Representation, Graduate Student Conference*, SUNY at Stony Brook.
- Somers, Lynn.** (1999) "Mirrors and Maternal Images: The Symbolic Self-Portraiture of Louise Bourgeois." *Studies in Visual Culture Semblance and Likeness, Department of Art Graduate Symposium*. University of North Carolina at Chapel Hill, .
- Somers, Lynn.** (1999) Visual Pleasure and Laura Kipnis: Psychoanalytic Theory and Marxist Praxis." *The Discipline Formerly Known As. Department of Art History Graduate Student Conference*. University of California at Irvine, California.

❖ Curatorial Appointments

- Salvatore, Nina.** (1999) "The Faces of Stony Brook." *Union Gallery, SUNY at Stony Brook*, Stony Brook, NY.

❖ Exhibitions/Performances

- Miller, Keith.** (1998-1999) Solo show, *Galleria Frida Kahlo*, Mexico City, Mexico.
- Salvatore, Nina.** (1999) "Noxious Enchantment." *Library Gallery, SUNY at Stony Brook*, Stony Brook, NY.

BIOMEDICAL ENGINEERING

GRADUATE DIRECTOR: KENNETH J. MCLEOD
DEPARTMENT CHAIR: CLINT RUBIN

❖ Jointly Authored Publications/Research Reports/Reviews

Li, Y. and Bluestein, D. (1999) The effect of implantation techniques and vortex shedding on free emboli formation in mechanical heart valves. *The American Society of Mechanical Engineers, November Meeting* (submitted).

Miao, J., Charalambous, P., Kirz, J. and Sayre, D. (1999) An extension of the methodology of x-ray crystallography to allow imaging of micron-size non-crystalline specimens. *Nature* (submitted).

Chapman, H.N., Vogt, S., Jacobsen, C., Kirz, J., **Miao, J.**, Wang, Y., Winn, B. and Oversluizen. (1999) A shutter-photodiode combination for UV and soft X-ray beamlines. *J. Synchrotron Rad.* (6): p.50.

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

Jiang, Z. and McLeod, K.J. (1998) Muscle dynamic spectrum analysis and its prediction for the risk of osteoporotic fracture. *Biomedical Engineering Society Meeting*, Cleveland, OH.

Lin, W., Qin Y.X., McLeod K.J., Rubin C.T. (1999) Sinusoidal correlation method in ultrasound velocity measurement of bone properties. *45th Annual Meeting, Orthopaed Research Society* 24: 783.

Lin, W., Gray, J., Qin, Y.X., McLeod, K.J. and Rubin, C.T. (1998) Assessment of Differential Bone Strength Using Ultrasound Attenuation. *Biomedical Engineering Society Meeting*. Cleveland, OH.

Miao, J. (1999) An extension of the methodology of x-ray crystallography to allow imaging of micron-size non-crystalline specimens. *National Synchrotron Light Source Lunch Seminar, Brookhaven National Laboratory*. Upton, NY, April 23.

Miao, J. (1999) An extension of the methodology of x-ray crystallography to allow x-ray microscopy without x-ray optics. *6th International Conference on X-Ray Microscopy*. Berkeley, CA, August 1-6.

Qin, Y-X., McLeod, K.J., **Lin, W.**, Gray, J., Turner, A.S. and Rubin, C.T. (1999) Trabeculi strength is enhanced by low magnitude and high frequency mechanical stimuli as determined by ct number, ultrasonic velocity and force-displacement measurements. *45th Annual Meeting, Orthopaed Research Society* 24:568.

CELLULAR and DEVELOPMENTAL BIOLOGY

GRADUATE DIRECTOR: ERWIN LONDON
DEPARTMENT CHAIR: WILLIAM J. LENNARZ

❖ Grants, Fellowships, and Awards

King, Kevin (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.

❖ Jointly Authored Publication/Research Reports/Reviews

Andrulis, E.D., Neiman, A.M., **Zappulla, David C.**, and Sternglanz, R. (1998) Perinuclear localization of chromatin facilitates transcriptional silencing. *Nature* 394 (6693): pp. 592-595.

❖ Post-Doctorates Obtained and Professional Appointments

Mecenas, Peter. Post-Doctorate. University Transgenic Facility, *SUNY at Stony Brook*, Stony Brook, NY.

Wu, Qiang. Post-Doctoral Fellow. Department of Molecular and Cellular Biology, *Harvard University*, Cambridge, MA.

CHEMISTRY

GRADUATE DIRECTOR: SCOTT SIEBURTH
DEPARTMENT CHAIR: IWAO OJIMA

❖ Grants, Fellowships, and Awards

- Cahill, Christopher L.** (1998) Graduate Student Travel Grant, \$275. *American Crystallographic Association.*
- Cahill, Christopher L.** (1998) Sigma Xi Excellence in Research Award.
- Cahill, Christopher L.** (1998) Sigma Xi Society Travel Award
- Cahill, Christopher L.** (1999) Research Grant in Crystallography, \$3500. *Edward H. Kraus Crystallographic Research Fund, Mineralogical Society of America.*
- Du, Lin-Shu.** (1998) Graduate Students Travel Awards, \$150. *Rocky Mountain Section Society for Applied Spectroscopy and Colorado Section American Chemistry Society, Denver, Colorado.*
- Khullar, Sonia.** (1998) American Chemical Society Travel Grant, \$600. *Division of Medicinal Chemistry. American Chemical Society.*
- Khullar, Sonia.** (1999) American Chemical Society Travel Grant, \$600. *Division of Medicinal Chemistry. American Chemical Society.*
- Kuhlman, Brian .** (1999) Presidents Award to Distinguished Doctoral Students. *SUNY at Stony Brook, Stony Brook, NY.*
- Lee, Young Joo.** (1998) Materials Research Society Graduate Students Silver Awards, \$200. *Materials Research Society, Warrendale, PA*
- Lin, Songnian.** (1998) Travel Grant, \$600. *American Chemical Society, Division of Medicinal Chemistry, USA.*
- Lin, Songnian.** (1999) Mitsubishi Travel Award, \$585. *Mitsubishi Corporation, Japan.*
- Liu, Haiming.** (1998) The Outstanding Advanced Graduate Student Teaching Assistant Award, \$50.00. *Department of Chemistry, SUNY at Stony Brook, Stony Brook, NY.*
- Liu, Tianbo.** (1998) Predoctoral Research Fellowship. *BASF AG, Ludwigshafen, Germany.*
- Liu, Tianbo.** (1999) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook, Stony Brook, NY.*
- McCann, Amy E.** (1998) Women Chemists Committee Travel Grant, \$439. *American Chemical Society, WCC/Eli Lilly.*
- Sun, Jeonghoon.** (1998) Grants-in-Aid of Research, \$800. *Sigma Xi, The Scientific Research Society, Research Triangle Park, NC.*

❖ Jointly Authored Publication /Research Reports/Reviews

- Anand, Richa.,** Hofstein, J.D., LeClaire, J.E., Johnson, P.M. (manuscript in preparation) Photoinduced Rydberg Ionization (PIRI) Spectroscopy of Substituted Benzenes: II. Chlorobenzene. *J. Phys. Chem.*
- Cahill, Christopher L.,** Benning, L.G., Parise, J.B., and Barnes, H.L. (1999/in press) In situ, time-resolved X-ray diffraction of iron sulfides during hydrothermal pyrite growth. Invited contribution to *Chemical Geology* for the Special Issue on Direct Observation and Measurement of Hydrothermal Reactions .

- Cahill, Christopher L.**, Ko, Y., Hanson, J., Tan, K. and Parise, J.B. (1998) Structure of microporous QUI-MnGS-1 and in situ studies of its formation using time resolved synchrotron x-ray powder diffraction. *Chem. Materials*, 10: 1453-1458.
- Norby, P., **Cahill, Christopher L.**, Koleda, C., and Parise, J.B. (1998) A reaction cell for in situ studies of hydrothermal titration. *J. Appl. Crystallog* 31: 481 - 483.
- Cahill, Christopher L.**, Ko, Y., and Parise, J.B. (1998) A novel 3-dimensional open framework sulfide based upon the [In10S20]10- supertetrahedron: DMA-InS-SB1. *Chem. Mater.* 10: 19-21.
- Cahill, Christopher L.**, Gugliotta, B., and Parise, J.B. (1998) A novel layered indium-sulfide material consisting of corner and edge shared InS₄ tetrahedral: synthesis and structural characterization of DPA-InS-SB3. *J. Chem. Soc., Chem. Commun.*, 1715-1716.
- Sampson, N.S., **Chen, X.**, (1998) "Increased Expression of Brevibacterium sterolicum Cholesterol Oxidase in Escherichia coli by Genetic Modification," *Prot. Exp. Purific* (12): pp. 347-352.
- Demarest, S.J.**, Hua, Y., and Raleigh, D.P. (1999/in Press) Local interactions drive the formation of non-native structure in the denatured state of human β -lactalbumin: a high resolution structural characterization of a peptide model in aqueous solution. *Biochemistry*.
- Demarest, S.J.**, Fairman, R., and Raleigh, D.P. (1998) Peptide models of local and long range structure in the molten globule state of human β -lactalbumin. *J. Mol. Biol.* (283): pp. 279-291.
- Du, Lin-Shu**, Wang, Francis, Grey, Clare P. (1998) High-Resolution 19F MAS 19F-113Cd REDOR NMR Study of Oxygen/Fluorine Ordering in Oxyfluorides. *Journal of Solid State Chemistry* (140): pp. 285-294.
- Woodward, Patrick M., Sleight, Arthur W., **Du, Lin-Shu**, Grey, Clare P. (in press) Structural Studies and Order-Disorder Phenomenon in a Series of New Quaternary Tellurates of the Type A₂+M₄+Te₆+O₆ and A₁+M₄+Te₆+O₆. *Journal of Solid State Chemistry*.
- Hofstein, Jason D.**, and Johnson, P.M. (1999/manuscript in preparation). PIRI spectroscopy of trans-1, 3-butadiene.
- Hofstein, Jason D.**, and Johnson, P.M. (1999) A Comparative Investigation of Rydberg State Survival in Several Molecules using Mass Analyzed Threshold Ionization. *Chem. Phys. Lett.* (301): pp. 121-130.
- Anand, R., **Hofstein, Jason D.**, LeClaire, J.E., Johnson, P.M. (1999/manuscript in preparation) Photoinduced Rydberg Ionization (PIRI) Spectroscopy of Substituted Benzenes: II. Chlorobenzene. *J. Phys. Chem.*
- Kass, I.J.**, Sampson, N.S., (1998) "The Importance of Glu³⁶¹ Position in the Reaction Catalyzed by Cholesterol Oxidase." *Biorg. Med. Chem. Lett.* (8): pp. 2663-2668.
- Sampson, N.S., **Kass, I.J.**, Ghoshroy, K.B. (1998) "A Truncated Loop Mutant of Cholesterol Oxidase Has Altered Substrate Specificity." *Biochemistry*. (37): pp. 5770-5778.
- Khullar, Sonia.**, Chamakura, V., and Johnson, F. (1999/in press.) "Post-Synthetic Generation of a Major Acrolein Adduct of 2'-Deoxyguanosine in Oligomeric DNA." *J. Med. Chem.*
- Lee, Young Joo**, Wang, Francis, Grey, Clare P. (1998) 6Li and 7Li MAS NMR Studies of Lithium Manganate Cathode Materials. *Journal of the American Chemical Society Vol.* (120): p. 12601.
- Lim, K.H.**, Grey, C.P., (1998) ¹F/²³Na Cross Polarization NMR Study of hydrofluorocarbon-Zeolite Binding on Zeolite NaY. *Chem. Commun* 1998: pp. 2257-2258.
- Lim, K.H.**, Grey, C.P., (1998) Analysis of the Anisotropic Dimension in the RIACT(II) Multiple Quantum MAS NMR Experiment for I=3/2 Nuclei. *Solid State Nuclear Magnetic Resonance* 1998, (13): pp. 101-112.
- Lim, K.H.**, Grey, C.P., (1998) Hydrofluorocarbon Zeolite Interactions: NMR and X-Ray Diffraction Studies. *Proceedings of the 12th International Zeolite Conference* Vol. (IV): pp. 2301-2307.

- Ojima, I., and **Lin, Songnian** (1998) "Efficient Asymmetric Syntheses of **b**-Lactams Bearing a Cyclopropane or an Epoxide Moiety and Their Application to the Syntheses of Novel Iso-serines and Taxoids." *J. Org. Chem.* 1998 Vol. (63): pp. 224-225.
- Ojima, I., **Lin, Songnian**, Chakravarty, S., Fenoglio, I., Park, Y.H., Sun, C.-M., Appendino, G., Pera, P., Veith, J.M., Bernacki, R.J. (1998) "Syntheses and Structure-Activity Relationships of Novel Nor-Seco Taxoids." *J. Org. Chem.* 1998 Vol. (63): pp. 1637-1645.
- Ojima, I., Chakravarty, S., Inoue, T., **Lin, Songnian**, He, L., Horwitz, S.B., Kuduk, S.D., Danishefsky, S.J. (1999) "A Common Pharmacophore for Cytotoxic Natural Products that Stabilize Microtubules." *Proc. Natl. Acad. Sci. USA* Vol. (96): pp. 4526-4531.
- Ojima, I., Walsh, J.J., **Lin, Songnian**, Habus, I., Park, Y.K., Sun, C.M. (in press) "(3R, 4S)-3-Hydroxy-4-Phenylazetidone-2-One." *Organic Synthesis*.
- Ojima, I., **Lin, Songnian**, and Wang, T. (1999/in press) "The Recent Advances in the Medicinal Chemistry of Taxoids with Novel **b**-Amino Acid Side Chains." *The Chemistry and Biology of b-Amino Acids. Current Medicinal Chemistry* Vol. (6). Bentham Science Publisher, USA.
- Ojima, I., Inoue, T., Slater, J.C., **Lin, Songnian**, Kuduk, S.C., Chakravarty, S., Walsh, J.J., Gilchrist, L., McDermott, A. E., Cresteil, T., Monsarrat, B., Pera, P., Bernacki, R.J. (1998/in press) "Synthesis of Enantiopure F-Containing Taxoids and Their Use as Anticancer Agents as well as Probes for Biomedical Problems." *ACS Symposium Book Series*. Washington, DC, USA.
- Nakano, M., Tominaga, K., Saito, S., Kirikae, F., **Lin, Songnian**, Fumero, C.L., Ojima, I., and Kirikae, T. (1998/in press) "Lipopolysaccharide- and Paclitaxel (Taxol)-Induced Tolerance in Murine Peritoneal Macrophages." *Proceedings of the 5th Conference of the International Society of Endotoxin*. D.C. Morrison, D. Golenbock, C. Frasch and J.-M. Cavailles, Eds. Japan.
- Liu, Haiming**, Kao, H.M., Grey, C.P. (in press) ^1H MAS and $^1\text{H}/^{27}\text{Al}$ TRAPDOR NMR Studies of Oxygen-Zeolite Interactions at Low Temperatures: Probing Bronsted-Acid Site Accessibility. *J. Phys. Chem. B*.
- Liu, Haiming**, Kao, H.M., Grey, C.P. (1988) NMR Studies of Oxygen-Zeolite Interactions at Low Temperatures. *Proceedings of the 12th International Zeolite Conference* Vol. (IV): pp. 2317-2324.
- Liu, Tianbo**, Liu, L.-Z., Chu, B. (1998) "Formation of Amphiphilic Block Copolymer Micelles in Nonaqueous Solvents." *Block Copolymers: Self-Assembly and Applications*. Paschalis Alexandridis and Bjorn Lindman, Eds. Elsevier Sciences.
- Wu, C., **Liu, Tianbo**, Chu, B. (1998) "Viscosity-Adjustable Block Copolymer for DNA Separation by Capillary Electrophoresis." *Electrophoresis* Vol. (19): pp. 231.
- Liu, Tianbo**, Nace, V.M., Chu, B. (1998) "Correction and Addition to 'Clouding Temperatures of $B_nE_mB_n$ and $P_nE_mP_n$ Triblock Copolymers in Aqueous Solution' ." *Journal of Physical Chemistry B*: 102, 1045.
- Liu, Tianbo**, Zhou, Z., Wu, C., Nace, V.M., Chu, B. (1998) "Dominant Factors on the Micellization of $B_nE_mB_n$ Triblock Copolymers in Aqueous Solution." *Journal of Physical Chemistry B*. (102): p. 2875.
- Liu, Tianbo**, Rulkens, R., Wegner, G., Chu, B. (1998) "A Laser Light Scattering Study of Rigid Rod Polyelectrolytes." *Macromolecules* Vol. (31): p. 6119.
- Wu, C., **Liu, Tianbo**, Chu, B. (1998) "A new separation medium for DNA Capillary electrophoresis: Self-assembly behavior of Pluronic polyol $E_{99}P_{69}E_{99}$ in 1X TBE buffer." *Journal of Non-Crystalline Liquids*: pp. 235-237, 605.
- Liu, Tianbo**, Xie, Y., Liang, D., Zhou, S., Jassal, C., McNabb, M., Hall, C., Chuang C.-L., Chu, B. (1998) "Formation of Salt-Polymer Complex in L64/Water/ CdCl_2 Systems." *Langmuir* 14: p. 7539.
- Xie, Y., **Liu, Tianbo**, Liu, L.-Z., Chu, B. (1998) "SAXS and WAXD study of the Mesostructure of Molybdenum Oxide formed by a Block Copolymer Matrix." *Polymer preprint* 16: 175-PMSE, Part 2, p. 866.
- Liu, Tianbo**, Nace, V.M., Chu, B. (in press) Self-Assembly of Mixed Amphiphilic Triblock Copolymers in Aqueous Solution." *Langmuir*.

- Liu, Tianbo**, Wu, C., Xie, Y., Liang, D., Zhou, S., Nace, V.M., Chu, B. (in press) "Amphiphilic Triblock Copolymers: Self-Assembly, Phase Behavior and Application to DNA Capillary Electrophoresis." in *Associating Polymers in Aqueous Media*. Glass, E., Ed.
- Chu, B., **Liu, Tianbo**, Wu, C., Liang, D. (in press) "DNA Capillary Electrophoresis by Using Block Copolymer as a New Separation Medium." in *Methods in Molecular Biology/Medicine*. Mitchelson., K. R., Ed.
- Liu, Tianbo**, Wu, C., Liang, D., Chu, B. (1998) "Phase Diagrams and Gelation Structures of B₅E₉₁B₅ and B₆E₄₆B₆ Triblock Copolymers in Aqueous Solution." *National Synchrotron Light Source Annual Report 1997, Brookhaven National Laboratory B-46*.
- Liu, Tianbo**, Wu, C., Liang, D., Chu, B. (1998) "Study the Phase Diagrams of L64/water/CdCl₂ Complex Systems by SAXS." *National Synchrotron Light Source Annual Report 1997, Brookhaven National Laboratory Vol. (B): p.50*.
- Park, J-H.**, Woodward, P.M., and Parise, J.B. (1998) Predictive Modeling and High Pressure-High Temperature Synthesis Of Perovskite Containing Monovalent Silver, *Chemistry of Materials: Special Issues on Inorganic Solids Synthesis* 10(10): pp. 3092-3100.
- Youngee Ko, Sun Jin Kim, Myung Hun Kim, **Park, J-H.**, Parise, J.B. and Young Sun Uh, (1998/in press) New Routes for synthesizing Mn-Silicalite-1. *Microporous Materials*.
- Park, J-H.**, Woodward, P.M., Parise, J.B., Reeder, R.J., Lubomirsky, I., and Stafsudd, O. (1999) Synthesis, Structure and Dielectric Properties of (Bi_{1/2}Ag_{1/2})TiO₃. *Chemistry of Materials* 11(1): pp. 177-83.
- Park, J-H.**, Woodward, P.M., Parise, J.B., Reeder, R.J., Lubomirsky, I., and Stafsudd, O. (1998/in press) Novel Approach For Identifying And Synthesizing High Dielectric Materials. *Journal of Materials Research*.
- Park, J-H.**, Woodward, P.M., Parise, J.B., Reeder, R.J., Lubomirsky, I., and Stafsudd, O. (1998/in press) Synthesis, Structure And Dielectric Properties Of Na₂SnTeO₆. *MRS 98 Fall meeting Proceedings*.
- Sieburth, Scott McN., Lin, Chao-Hsiung, and **Rucando, David** "Selective Intermolecular Photo-[4 + 4]-Cycloaddition with 2-Pyridone Mixtures. 2. Preparation of (1a, 2b, 5b, 6a)-3-Butyl-9-methoxy-3, 7-diazatricyclo[4.2.2.2.2, 5]dodeca-9, 11-diene-4, 8-dione." *Journal of Organic Chemistry* (64): pp. 950-953.
- Sieburth, Scott McN., **Rucando, David** and Lin, Chao-Hsiun. "Selective Intermolecular Photo-[4 + 4]-Cycloaddition with 2-Pyridone Mixtures. 3. Synthetic Transformations of the Trans-Cross Product (1a, 2b, 5b, 6a)-3-Butyl-9-methoxy-3, 7-diazatricyclo[4.2.2.2.2, 5]dodeca-9, 11-diene-4, 8-dione." *Journal of Organic Chemistry* (64): pp. 954-959.
- Sampson, N.S., **Sun, J.**, (1998) "Determination of the Amino Acid Requirements for a Protein Hinge in Triosephosphate Isomerase," *Prot. Science* (7): pp. 1495-1505.
- Johnson, G.M., **Tripathi, A.**, and Parise J.B. (1999) "Novel Routes for the preparation of a range of Germanium Containing zeolites" *Chem. Of Material*, (11) #1: pp. 10-12.
- Johnson, G.M., **Tripathi, A.**, Stephens, P.W. and Parise J.B. (1998) Synthesis and Structure of an Aluminogermanate Zeolite with the RHO Topology, *Recent Progress Report #27: 12th International Zeolite Conference: Baltimore, M.D.*
- Johnson, G.M., **Tripathi, A.**, and Parise J.B. (1999) Synthesis and Structure of an Aluminogermanate Zeolite with the RHO Topology. *Microporous and Mesoporous Materials* (28): pp. 139-154
- Tripathi, A.**, Young Jr., V.G., Johnson, G.M., Cahill, C.L., and Parise J.B. (1999) [N(CH₃)₄]₄H₁₂Ge₉O₂₆·14H₂O Acta Crystallographica Section C, 1999 Vol. (C55): pp. 496-499. Featured on cover of journal.
- Johnson, G.M., Lee, Y., **Tripathi, A.**, and Parise J.B. (1999) Structural Studies of hydrated Germanium X type Zeolite via Rietveld Analysis of Synchrotron Powder X-ray Diffraction Data. *Microporous and Mesoporous Materials*.
- Johnson, G.M., Reisner, B.A., **Tripathi, A.**, and Parise J.B. (1999) Flexibility and Cation Distribution upon Lithium Exchange of AlSi- and AlGe-RHO Framework Materials. *Chem. Of materials*.

Tripathi, A., Johnson, G.M., Wu, G., and Parise J.B. (1999) Synthesis and Structure of an Aluminogermanate Zeolite containing Na and Cs with the CAN topology. *Acta Crystallographica*.

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

Anand, Richa, Hofstein, Jason D., LeClaire, Jeffrey E., Johnson, Philip M. (1998) The PIRI Spectra of the $B^2E_{2g} \rightarrow X^2E_{1g}$ Transition of Substituted Benzenes. *Gordon Research Conference on Multiphoton Processes*. Tilton School, Tilton, New Hampshire.

Cahill, Christopher L., Parise, J.B., and Hanson, J.C. (1998) "Combining in situ Synchrotron Powder and Micro-Crystal Diffraction: A More Complete Picture," Section title: "Use of Neutrons and Synchrotron X-rays for Small Molecule Crystallography." *Annual Meeting of the American Crystallographic Association*. Arlington, VA USA.

Cahill, Christopher L., and Parise, J.B. (1998) "Structural Diversity within Framework Indium Sulfides," *Second Meeting of the Northeast Corridor Zeolite Association*. Wilmington, DE USA.

Cahill, Christopher L., Benning, L.G., Norby, P., Clark, S.M., Schoonen, M.A.A., and Parise, J.B. (1998) "In situ X-ray diffraction apparatus and its application to hydrothermal reactions of iron sulfide growth and phase transformations." *Min. Mag. (9th Annual Goldschmidt Conference)* Vol. 62A, 267-268. Toulouse, France.

Parise, J.B., Lee, Yongjae, **Cahill, Christopher L.**, Hanson, Jonathan C., Preckwinkel, Uwe V., and Phillips, James C. (1998) Characterization of K⁺ Ion Exchange into Na-LSX Zeolite using Time Resolved Synchrotron X-ray Powder Diffraction. *ACA meeting*, Washington D.C.

Chen, H., and Sampson, N.S. (1998) "Direct Evidence That Egg $\alpha 6\beta 1$ Integrin is the Receptor for Sperm Fertilin β That Mediates Sperm-Egg Fusion." *National American Chemical Society Meeting*. Boston, MA/USA.

Demarest, S.J., Boice, J., Fairman, R., and Raleigh, D.P. (1998) Defining the critical elements of a molten globule state. *Twelfth Symposium of the Protein Society*. San Diego, CA.

Demarest, S.J., Robblee, J., Fairman, R., and Raleigh, D.P. (1999) A comparison of the structured core of the α -lactalbumin molten globule state with the same region from hen lysozyme. *Thirteenth Symposium of the Protein Society*. Boston, MA.

Du, Lin-Shu, Grey, Clare P. (1998) 4-Spin Spin-Diffusion Mechanism in 19F 2-D NMR Experiments of Oxyfluorides. *40th Rocky Mountain Conference on Analytical Chemistry, Poster section*. Denver, Colorado.

Hofstein, Jason D., Johnson, Philip, M. (1998) Mid-n Rydberg Physics using VUV Photons. *Gordon Research Conference on Multiphoton Processes*. Tilton School, Tilton, New Hampshire.

Anand, Richa, **Hofstein, Jason D.**, LeClaire, Jeffrey E., Johnson, Philip, M. (1998) The PIRI Spectra of the $B^2E_{2g} \rightarrow X^2E_{1g}$ Transition of Substituted Benzenes. *Gordon Research Conference on Multiphoton Processes*. Tilton School, Tilton, New Hampshire.

Hofstein, Jason D. (1999) Spectroscopic Methods for Investigating Electronic States of Cations: A Guided Tour. *Chemistry Seminar Series sponsored by AIChE*. The Cooper Union for The Advancement of Science and Art, New York, New York.

Khullar, Sonia, and Johnson, F. (1999) New Approaches to synthesis of Ethano and Etheno Derivatives of 2'-Deoxyguanosine-Post-synthetic Introduction into Oligomeric DNA. *American Chemical Society 216th National Meeting*. Anaheim LA.

Khullar, Sonia, Chamakura, V.V., and Johnson, F. (1998) "The Incorporation of the Acrolein Adduct of 2'-Deoxyguanosine into Oligodeoxyribonucleotides." *American Chemical Society 216th National Meeting*. Boston, MA

- Khullar, Sonia**, Chamakura, V.V., and Johnson, F. "Studies Towards the Incorporation of the Acrolein Adduct of 2' Deoxyguanosine into Oligomeric Containing the Adducts of the Known Mutagen Acrolein " *New York Academy of Sciences Poster Session*, New York, NY.
- Lee, Young Joo**, Wang, Francis, Grey, Clare P., Mukerjee, Sanjeev, McBreen, James (1998) 6Li and 7Li MAS NMR and In Situ x-ray Diffraction Studies of Lithium Manganate Cathode Materials (Poster presentation and proceedings publication). *Materials Research Society*. Boston, Massachusetts.
- Lim, K.H.**, Grey, C.P., (1998) RIACT(II) Multiple Quantum MAS Simulations, MQMAS, Triple Quantum CP and CP MAS NMR Experiments of Fluorides (Poster No. 283). *Rocky Mountain Conference*. Denver, Co.
- Lin, Songnian**, Fang, F., Hashimoto, M., Nakanishi, K., Ojima, I. (1999) "Design and Synthesis of a Novel Photoaffinity Taxoid as Probe for the Study of Paclitaxel-Microtubules Interactions." *218th American Chemical Society National Meeting*. August 22-26, New Orleans, Louisiana, Abstr. MEDI.
- Wang, T., **Lin, Songnian**, Wu, X., Geng, X., Ojima, I. (1999) "New and Efficient Route to Amino-Sugars/Aza-Sugars and Their Derivatives." *218th American Chemical Society National Meeting*. August 22-26, New Orleans, Louisiana, Abstr. ORGN.
- Lin, Songnian**, Wang, T., Slater, J.C., Pera, P., Bernacki, R.J., Ferlini, C., Scambia, G., Ojima, I. (1999) "Syntheses and Biological Activity of C3'-Difluoromethyl Taxoids." *218th American Chemical Society National Meeting*. August 22-26, New Orleans, Louisiana, Abstr. MEDI.
- Geng, X., Borella, C., Miller, M.L., **Lin, Songnian**, Chakravarty, S., Ojima, I. (1999) "Design and Synthesis of Novel Macrocyclic Taxoid." *218th American Chemical Society National Meeting*. August 22-26, New Orleans, Louisiana, Abstr. ORGN.
- Wang, T., Miller, M.L., Borella, C., **Lin, Songnian**, Geng, X., Pera, P., Bernacki, R.J., Ojima, I. (1999) "Syntheses and Biological Activity of Advanced Second-Generation Taxoids." *218th American Chemical Society National Meeting*. August 22-26, New Orleans, Louisiana, Abstr. MEDI.
- Inoue, T., **Lin, Songnian**, Chakravarty, S., Ojima, I. (1999) "Design and Synthesis of Paclitaxel-Epothilone Hybrids." *75th Symposium on Organic Synthesis*. Tokyo, Japan. Abstracts 1-4 (1999).
- Lin, Songnian**, Inoue, T., Borella, C., Chakravarty, S., Pera, P., Bernacki, R.J., Horwitz, S.B., Ojima, I. (1999) "Design, Synthesis and SAR of Novel Hybrid Constructs Based on the Common Pharmacophore for Microtubule-Stabilizing Agents." *217th American Chemical Society National Meeting*. March 21-25, Anaheim, California, Abstr. MEDI 038.
- Chakravarty, S., **Lin, Songnian**, Inoue, T., Horwitz, S.B., Kuduk, S.D., Danishefsky, S.J., and Ojima, I. (1999) "A Common Pharmacophore for Cytotoxic Microtubule-Stabilizing Agents: Interpretation of SAR Studies." *217th American Chemical Society National Meeting*. March 21-25, Anaheim, California, Abstr. MEDI 039.
- Lin, Songnian**, Inoue, T., Chakravarty, S., Ojima, I. (1998) "Design and Synthesis of Taxoid-Epothilone Hybrids. Part I." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. ORGN 464.
- Inoue, T., **Lin, Songnian**, Walsh, J.J., Borella, C., Chakravarty, S., Ojima, I. (1998) "Design and Synthesis of Taxoid-Epothilone Hybrids. Part II." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. ORGN380.
- Lin, Songnian**, Slater, J.C., Pera, P., Bernacki, R.J., Scambia, G., Ojima, I. (1998) "Syntheses and Biological Activity of Advanced Second-Generation Taxoids." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. MEDI 315.
- Brey, R., **Lin, Songnian**, Walsh, J.J., Cresteil, T., Ojima, I. "The Synthesis of Novel Fluorinated Paclitaxel and Docetaxel Analogs Designed to Inhibit Metabolism by Cytochrome P-450 Enzymes." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. MEDI 312.
- Lin, Songnian**, Inoue, T., Borella, C., Walsh, J.J., Chakravarty, S., Ojima, I. "Design and Structure-Activity Relationship Study of Taxoid-Epothilone Hybrids." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. MEDI 313.

- Lin, Songnian**, Wang, T., Ojima, I. (1998) "New and Efficient Route to the Polyfunctionalized Heterocycles. I. Stereocontrolled Syntheses of β -Lactones." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. ORGN 560.
- Wang, T., Bounaud, P.-Y., **Lin, Songnian**, Ojima, I. (1998) "New and Efficient Route to the Polyfunctionalized Heterocycles. I. Stereocontrolled Syntheses of β -Lactams." *216th American Chemical Society National Meeting*. August 23-27, Boston, Massachusetts, Abstr. ORGN 559.
- Liu, Tianbo**, Rulkens, R., Wegner, G., Chu, B. (1998) "Rigid-rod polyelectrolyte in solution: conformation and aggregations." *Gorden Conference on Macromolecules, Colloids and Polyelectrolyte solutions*. Ventura, California.
- Ehrlich, L.S., **Liu, Tianbo**, Agresta, B.E., Scarlata, S., Chu, B., Carter, C.A. (1998) "PH-dependence disassembly of Human Immunodeficiency Virus (HIV) Capsids Formed *in vitro* and their interactions with CYP A." *Gorden Conference on Macromolecules, Colloids and Polyelectrolyte solutions*. Ventura, California.
- Liu, Tianbo**, Zhou, Z., Wu, C., Nace, V.M., Chu, B. (1998) "Block Copolymer Colloidal Systems: the Dominant Factors on Their Self-Assembly and Phase Behaviors." *Gorden Conference on Macromolecules, Colloids and Polyelectrolyte solutions*. Ventura, California.
- Xie, Y., **Liu, Tianbo**, Liu, L.-Z., Chu, B. (1998) "SAXS and WAXD study of the Mesostructure of Molybdenum Oxide formed by a Block Copolymer Matrix." *ACS Annual Meeting*. Boston, MA..
- Liu, Tianbo**, Wu, C., Xie, Y., Liang, D., Zhou, S., Nace, V.M., Chu, B. (1998) "Amphiphilic Triblock Copolymers: Self-Assembly, Phase Behavior and Application to DNA Capillary Electrophoresis." *ACS Annual Meeting*. Boston, MA.
- Liu, Tianbo**, Chu, B. (1998) "Block Copolymers in Solution: From Self-Assembly, Phase Behavior to New Applications in Biology, Materials Science and Polymer Synthesis." *BASF-AG, ZK (Division of Polymer Science)*. Ludwigshafen, Germany.
- Liu Tianbo**, Schuch, H., Gerst, M., Chu, B. (1998) "Laser Light Scattering Study of Microemulsion Polymerization Process by Using Block Copolymers as Dispersants." *BASF-AG, ZK (Division of Polymer Science)*. Ludwigshafen, Germany,.
- Liu, Tianbo**, Chu, B. (1999) "Phase behaviors of amphiphilic block copolymer and copolymer blends in aqueous medium." *XIth International Conference on Small-Angle Scattering*. Brookhaven National Laboratory,
- McCann, A.E.** and Sampson, N.S. (1998) "Irreversible Inhibition of Cholesterol Oxidase by a Cyclopropyl Steroid." *National American Chemical Society Meeting*. Boston, MA/USA.
- Park, J-H.** (1998) "Synthesis, Structure and Dielectric Properties of Na₂SnTeO₆." *1998 Meeting of the Materials Research Society*, Boston, MA.
- Park, J-H.**, Woodward, P.M., Parise, J.B., (1998) High Pressure Synthesis and Crystal Chemistry of New Titanate Perovskites Containing Ag, ATiO₃ (A=Nd_{0.5}Ag_{0.5}, Ca_{0.5}Nd_{0.25}Ag_{0.25}, Bi_{0.5}Ag_{0.5})/Poster. *Gordon Research Conference, research at high pressure*. June 21-26, Kimball Union Academy, Meriden, NH.
- Park, J-H.**, Parise, J.B., Woodward, P.M., Lubomirsky, I., and Stafsudd, O. (1998) Novel Approach For Identifying And Synthesizing High Dielectric Materials/poster. *International Union Crystallography of High Pressure Research Workshop high pressure crystallography*. Nov. 14-17, Argonne National Laboratory, Argonne, IL.
- Park, J-H.**, Parise, J.B., Woodward, P.M., Lubomirsky, I., and Stafsudd, O. (1998) Novel Approach For Identifying And Synthesizing High Dielectric Materials/talk. *Material Research Society 1998 Fall meeting*. Nov 29-Dec.4, Boston, MA.
- Sun, J.**, and Sampson, N.S. (1998) "Determination of the Amino Acid Requirements for a Protein Hinge in Triosephosphate Isomerase." *The Protein Society*. San Diego, CA.

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

Cahill, Christopher L. (1999) Post-Doctoral Researcher. Department of Civil Engineering and Geosciences, *University of Notre Dame*, West Lafayette, IN.

Hofstein, Jason D. (1999) Editor for Physical Review A and Physical Review E. *The American Physical Society*, Ridge, New York.

Kass, I.J. (1998) Research Specialist. *Micromass, Inc.*, Beverly, MA.

Lin, Songnian. (1999) Post-Doctoral Research Associate. Department of Chemistry, *SUNY at Stony Brook*, Stony Brook, New York.

Lin, Songnian. (2000) Post-Doctoral Research Associate. Bioorganic Chemistry Laboratory, *Memorial Sloan-Kettering Cancer Center*, Department of Chemistry, *Columbia University*, New York, New York.

Liu, Tianbo. (1999) Post-Doctoral Research Associate. Department of Chemistry, *SUNY at Stony Brook*.

Park, J-H. (1999) Post-Doctoral Research Fellow. Department of Chemistry, *Ohio State University*, Columbus, OH.

Rucando, David (1999) Post-Doctoral Fellowship. *Columbia University*, NY.

COMPARATIVE LITERATURE

GRADUATE DIRECTOR: SANDY PETREY
DEPARTMENT CHAIR: KRIN GADDARD

❖ Grants, Fellowships, and Awards

Andrade, Marie Mercedes. (1999) Hispanic Scholarship Fund.

Calvin, Ritch. (1999) President's Award for Excellence in Teaching. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publication/Research Reports/Reviews

Andrade, Marie Mercedes. (1999) "La Ciudad Y la Nación En Las Novelas Del Bogotazo." *Literatura y cultura: literatura colombiana del S.xx.* Betty Osorio, Ed. Ministerio de Cultura, Bogotá.

Calvin, Ritch. (1998) "'Yo quiero literatura latina': The Border Runs Here." *Faculty Exchange* Vol. (6): pp. 1. 4-7.

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

Andrade, Marie Mercedes. (1998) "The Question of History: Levinas and Benjamin Face To Face." *Constructions of the Human Conference.* University of California. Stanislaus.

Andrade, Marie Mercedes. (1999) "El interior burgués como barricada en 'Los elegidos.'" *Carolina Conference of Romance Languages.* University of North Carolina.

Choe, Youngjeen. (1999) "Redrawing the Line between Image and Text: Peter Greenaway's 'Prospero's Books.'" *The International Association for Philosophy and Literature 23rd Annual Conference.* Trinity College, Hartford, CT..

❖ Post-Doctorates Obtained and Professional Appointments

Leming, Mary. (1999) Administrative Staff Assistant, Assistant Director. Center for Undergraduate Education, Office of the President, *SUNY at Stony Brook*, Stony Brook, NY.

❖ Other

Yi, Hiejou. (1999) Chief Editor of Korean yearly journal "Yeoul," published February 20th by Korean Graduate Students Association. Graduate Student Organization, *SUNY at Stony Brook*, Stony Brook, NY.

COMPUTER SCIENCE

GRADUATE DIRECTOR: DAVID SMITH
DEPARTMENT CHAIR: DAVID WARREN

❖ Grants, Fellowships, and Awards

El-Sana, J. (1998) Catacosinos Fellowship for Excellence in Computer Science.

❖ Jointly Authored Publications/Research Reports/Reviews

El-Sana, J., and Varshney A. (1999) Generalized View-Dependent Topology Simplification for arbitrary polygonal models. *The International Journal of the EUROGRAPHICS Association*.

El-Sana, J., and Varshney A. (1998) Topology simplification for polygonal virtual environments. *IEEE Transaction on Visualization and Computer Graphics* 4, # 2: 133-144.

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

El-Sana, J., Chiang Y.J., and Varshney A. (1999) View-Dependent Rendering of Mega Models Using External Memory. *IEEE Visualization '99 Proceedings*.

El-Sana, J., Azanii, E., and Varshney, A. (1999) Skip-Strips: Triangle Strips for View-Dependent Rendering. *IEEE Visualization '99 Proceedings*.

El-Sana, J., and Varshney A. (1999) View-Dependent Topology Simplification. *5TH EUROGRAPHCS Workshop on Virtual Environments*.

Dachille F., Hong Qin, Kaufman A., and **El-Sana, J.** (1999) Haptic Sculpting of Dynamic Surfaces. *ACM Symposium on Interactive 3D Graphics*.

El-Sana, J., and Varshney, A. (1999) Parallel Construction and Navigation of View-Dependent Virtual Environment. *Electric Imaging, Proceeding 99 SPIE*, San Jose.

Pradhan, Prashant, and **Arora, Praveen**. (1998) PPS (Packet-Switched Phone Server). *IEEE International Conference on Parallel and Distributed System*.

Varadarajan, Srinidhi. (1998) EtheReal: A Host-Transparent Real-Time Fast Ethernet Switch. *International Conference on Network Protocols*, Austin, TX.

❖ Post-Doctorates Obtained and Professional Appointments

Varadarajan, Srinidhi. (1998) Assistant Professor. Computer Science, *Virginia Tech*.

❖ Patents

El-Sana, J. (1999) *Discrete Visibility Culling Traversal*. Owned by IBM.

ECOLOGY and EVOLUTION

GRADUATE DIRECTOR: GREGORY WRAY
DEPARTMENT CHAIR: JAMES THOMSON

❖ Grants, Fellowships, and Awards

- Adams, Dean C.** (1999) Departmental Service Award. *Department of Ecology and Evolution, SUNY at Stony Brook*, Stony Brook, New York.
- Anastasia, Jean R.** (1998) STAR Graduate Fellowship, extension. *Environmental Protection Agency*.
- Balhoff, James.** (1998) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, New York.
- Balhoff, James.** (1999) Predoctoral Fellowship. *National Science Foundation*, Arlington, Virginia.
- Balhoff, James.** (1999) HHMI Predoctoral Fellowship in Biological Sciences, Honorable Mention. *Howard Hughes Medical Institute*, Chevy Chase, Maryland.
- Balhoff, James.** (1999) National Defense Science and Engineering Graduate Fellowship, Honorable Mention. *Department of Defense*, Arlington, Virginia.
- Baxter, Kimberly.** (1999) Predoctoral Fellowship. *National Science Foundation*, Arlington, Virginia.
- Billerbeck, Jean M.** (1998) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education*, Washington D.C.
- Billerbeck, Jean M.** (1999) Sally Leonard Richardson Award for Outstanding Student Presentation. *American Fisheries Society (Early Life History Section) 23rd Larval Fish Conference*, Beaufort, North Carolina.
- Bole, Gregory M.** (1999) Edmund Niles Huyck Preserve Research Grant. *The Edmund Niles Huyck Preserve and Biological Research Station*, Rensselaerville, New York.
- Bole, Gregory M.** (1999) Outstanding Teaching Award. *Department of Ecology and Evolution, SUNY at Stony Brook*, Stony Brook, New York.
- Brown, Kerry.** (1998) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education*, Washington D.C.
- Di Bitetti, Mario S.** (1998) Dissertation Improvement Grant. *National Science Foundation*, Arlington, Virginia.
- Fang, Wei.** (1999) Excellent research paper award (2nd Class). *Guangdong Science and Technology Committee*, Guangzhou, China.
- Fang, Wei.** (1998) Excellent research award (1st class). *Chinese Academy of Sciences Guangzhou Branch, and Guangdong Academy of Sciences*. Guangzhou, China.
- Funk, Jennifer F.** (1999) National Defense Science and Engineering Graduate Fellowship, Honorable Mention. *United States Department of Defense*, Arlington Virginia.
- Gassmann, Aaron J.** (1998) Post-course Research Grant. *Organization for Tropical Studies*, San Pedro, Costa Rica.
- Goodell, Karen.** (1998) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, SUNY at Stony Brook*, Stony Brook, New York.
- Goodell, Karen.** (1998) Travel Award. *Sigma Xi Stony Brook Chapter*, Stony Brook, New York.
- Goodell, Karen.** (1998) Ecology and Evolution Travel Award. *Department of Ecology and Evolution, SUNY at Stony Brook*, Stony Brook, New York.

- Goodell, Karen.** (1998) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Gower, Sara.** (1999) Predoctoral Fellowship, Honorable Mention. *National Science Foundation, Arlington, Virginia.*
- Gray, Dennis W.** (1998) Earth System Science Fellowship, Renewal. *National Aeronautics and Space Administration.*
- Hinman, Katharine E.** (1998, 1999) Bat Conservation International Student Scholarship. *Bat Conservation International, Austin, Texas.*
- Karpanty, Sarah M.** (1998) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Karpanty, Sarah M.** (1999) Margot Marsh Biodiversity Award. *Conservation International, Washington DC.*
- Karpanty, Sarah M.** (1999) Endowment Award. *The International Osprey Foundation, Sanibel, Florida.*
- Knott, Karelyn E.** (1998) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society, Research Triangle Park, North Carolina.*
- Kurdziel, Josepha P.** (1998) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education, Washington D.C.*
- Kurdziel, Josepha P.** (1998) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society, Research Triangle Park, North Carolina.*
- Kurdziel, Josepha P.** (1998) Ecology and Evolution Travel Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Levy, André.** (1998) Doctoral Scholarship. *National Board of Scientific Research and Technology, Portugal.*
- Levy, André.** (1998) Fulbright Fellowship. *Fulbright Commission, Portugal.*
- Lowe, Christopher J.** (1998) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook, Stony Brook, New York.*
- McNellis, Jason.** (1998) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Qiu, Weigang.** (1998) Robert Sokal Travel Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Rosenberg, Michael S.** (1998) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society, Research Triangle Park, North Carolina.*
- Shultz, Susanne.** (1998) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education, Washington D.C.*
- Shultz, Susanne.** (1998) Leslie Brown Memorial Fund Grant. *Raptor Research Foundation, Boise, Idaho.*
- Soucy, Sheryl L.** (1998) Theodore Roosevelt Memorial Grant. *American Museum of Natural History, New York, New York.*
- Soucy, Sheryl L.** (1999) Doctoral Dissertation Improvement Grant. *National Science Foundation, Arlington, Virginia.*
- Soucy, Sheryl L.** (1999) Cedar Brook Award for Best Student Presentation at Annual Retreat. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Throop, Heather L.** (1998) Ecology and Evolution Research Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*

- Throop, Heather L.** (1998) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Lerdau, M., and **Throop, Heather L.** (1999) Seed Grant for Collaborative Work at Brookhaven National Lab. *SUNY at Stony Brook, Stony Brook, New York.*
- Verrelli, Brian.** (1999) Dissertation Improvement Grant. *National Science Foundation, Arlington, Virginia.*
- Vogel, Erin.** (1998) Ecology and Evolution Travel Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*
- Williams, Neal M.** (1998) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education, Washington D.C.*
- Williams, Neal M.** (1998) Ecology and Evolution Travel Award. *Department of Ecology and Evolution, SUNY at Stony Brook, Stony Brook, New York.*

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

- Abouheif, Ehab.** (1998) Random trees and the comparative method: a cautionary tale. *Evolution*: 1197-1204.
- Abouheif, Ehab.** (1999) Establishing homology criteria for regulatory gene networks: prospects and challenges. *Homology*. Wiley: Chichester. Novartis Foundation Symposium 222:207-225.
- Abouheif, Ehab.** (in press) A method for testing the assumption of phylogenetic independence in comparative data. *Evolutionary Ecology Research*.
- Adams, Dean C.** (in press) Methods for shape analysis of landmark data from articulated structures. *Evolutionary Ecology Research*.
- Adams, Dean C.** (in press) Divergence of trophic morphology and resource use among populations of "Plethodon cinereus" and "P. hoffmani" in Pennsylvania: a possible case of character displacement. *The Biology of Plethodontid Salamanders*. Bruce, R.C., Jaeger, R.J., and Houck, L.D., Eds. New York: Plenum.
- Adams, Dean C.** (in press) Plethodon hoffmani. Predation. *Herpetological Review*.
- Adams, Dean C.** (in press) Review of: Salamanders of the United States and Canada. *Quarterly Review of Biology*.
- Carroll, Steven D.** (1998) Review of: EcoBeaker. *Quarterly Review of Biology*, 73:536-537.
- Carroll, Steven D.** (in press) Review of: Evolutionary games and population dynamics. *Quarterly Review of Biology*.
- Dunham, Amy E.** (1998) Notes on the behavior of the ring-tailed mongoose, *Galidia elegans*, at Ranomafana National Park, Madagascar. Small carnivore conservation, *Journal of the IUCN/SSC mustelid, viverrid, and procyonid specialist group*, 19:21-24.
- Kurdziel, Josepha P.** (1999) Monitoring macroalgal biomass and the spread of reed grass, *Phragmites australis*, along Fire Island National Seashore. *Technical Report for the National Park Service*.
- Rosenberg, Michael S.** (1998) Review of: Modeling dynamic biological systems. *Quarterly Review of Biology* 73(3):340.
- Wagoner, Trista L.** (1998) Review of: Microbial diversity in time and space. *Quarterly Review of Biology* 73:211.
- Wagoner, Trista L.** (1999) Review of: Extremophiles: Microbial life in extreme environments. *Quarterly Review of Biology* 74:76-77.

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

- Wray, G.A., and **Abouheif, Ehab**. (1998) When homology is not homology. *Current Opinions in Genetics and Development* 8: 675-680.
- Jackson, J.F., **Adams, Dean C.**, and Jackson, U.B. (in press) Allometry of constitutive defense: a model and comparative test. *American Naturalist*.
- Anastasia, Jean R.**, Morgan, S.M., and Fisher, N.S. (1998) Tagging of crustacean larvae using elemental markers. *Limnology and Oceanography* 43:362-368.
- Shultz, S., Dunham, A., Root, K., Soucy, S.L., **Carroll, Steven D.**, and Ginzburg, L. (1999) *Conservation Biology with RAMAS Ecolab*. Sunderland, MA: Sinauer Associates.
- Stevenson, P.R., **Castellanos, Maria Clara**, and Barreto, L.M. (1998) Estudio preliminar de dispersión de semillas por micos churucos (*Lagothrix lagotricha*) en el Parque Tinigua, Colombia. *Universitas Scientiarum* 4: 23-30.
- Shultz, S., **Dunham, Amy E.**, Root, K., Soucy, S.L., Carroll, S., and Ginzburg, L. (1999) *Conservation Biology with RAMAS Ecolab*. Sunderland, MA: Sinauer Associates.
- Funk, Jennifer F.**, Jones, C.G., and Lerdau, M. (1999) Defoliation effects on isoprene emission from *Populus deltoides*. *Oecologia* 118:333-339.
- Goodell, Karen.**, Parker, I.M., and Gilbert, G.S. (in press) Biological impacts of species invasions: Implications for policy makers. *National Research Council Publication*. Washington, D.C.
- Stern, M., **Goodell, Karen**, and Kennard, D. (in press) Local distribution of *Chusquea tomentosa* (Poaceae: Bambusoidea) before and after a flowering event. *Biotropica*.
- Parker, I.M., Simberloff, D., Lonsdale, M., **Goodell, Karen**, Wonham, M., Williamson, M., Kareiva, P., von Holle, E., Byers, J., and Goldwasser, L. (in press) Impact: Toward a framework for understanding the ecological effects of invaders. *Biological Invasions*.
- Karpanty, Sarah M.**, and Goodman, S.M. (in press) Diet of the Madagascar Harrier-Hawk ("Polyboroides radiatus") in Southeastern Madagascar. *Journal of Raptor Research*.
- Knowles, L. Lacey**, Levy, A., McNellis, J.M., Greene, K.P. and Futuyma, D.J. (1999) Tests of inbreeding effects on host shift potential. *Evolution* 53: 561-567.
- Baker, S.M., Levinton, J.S., **Kurdzial, Josepha P.**, and Shumway, S.E. (1998) Selective feeding and biodeposition by zebra mussels and their relation to changes in phytoplankton composition and seston load. *Journal of Shellfish Research* 17: 1207-1213.
- Knowles, L.L., **Levy, André**, McNellis, J.M., Greene, K.P. and Futuyma, D.J. (1999) Tests of inbreeding effects on host shift potential. *Evolution* 53: 561-567.
- Knowles, L.L., Levy, A., **McNellis, Jason M.**, Greene, K.P. and Futuyma, D.J. (1999) Tests of inbreeding effects on host shift potential. *Evolution* 53: 561-567.
- Wang, I.-N., Dykhuizen, D.E., **Qiu, Weigang**, Dunn, J.J., Bosler, E.M., and Luft, B.J. (1999) Genetic diversity of *ospC* in a local population of *Borrelia burgdorferi sensu stricto*. *Genetics* 151:15-30.
- Rosenberg, Michael S.**, Sokal, R.R., Oden, N.L., and DiGiovanni, D. (1999) Spatial autocorrelation of cancer in Europe. *European Journal of Epidemiology* 15(1):15-22.
- Shultz, Susanne**, Dunham, A., Root, K., Soucy, S.L., Carroll, S., and Ginzburg, L. (1999) *Conservation Biology with RAMAS Ecolab*. Sunderland, MA: Sinauer Associates.
- Shultz, S., Dunham, A., Root, K., **Soucy, Sheryl L.**, Carroll, S., and Ginzburg, L. (1999) *Conservation Biology with RAMAS Ecolab*. Sunderland, MA: Sinauer Associates.
- Throop, Heather L.**, and Fay, P.A. (1999) Effects of fire, browsers and galls on New Jersey Tea (*Ceanothus herbaceous*) growth and reproduction. *American Midland Naturalist* 141:51-58.

- Lerdau, M., and **Throop, Heather L.** (in press) Isoprene emission and photosynthesis in a tropical wet forest canopy: implications for model development. *Ecological Applications*.
- Wang, Ing-Nang**, Dykhuizen, D.E., Qiu, W., Dunn, J.J., Bosler, E.M., and Luft, B.J. (1999) Genetic diversity of *ospC* in a local population of *Borrelia burgdorferi sensu stricto*. *Genetics* 151:15-30.
- Chittka, L., **Williams, Neal M.**, Rassmussen, H., and Thomson, J.D. (1999) Orientation without vision: bumble bee foraging in complete darkness. *Proceedings of the Royal Society of London Series B* 266:45-50.
- Williams, Neal M.**, and Thomson, J.D. (in press) Pollinator quality in native bees and honey bees: comparing pollen removal and deposition on *Phacelia tanacetifolia*. *Symposium Proceedings of the Entomological Society of America*.

❖ Abstracts, Conferences/Colloquia, Presentations, Symposia, and Workshops

- Abouheif, Ehab.** (1998) Establishing homology criteria for regulatory gene networks: prospects and challenges. *Novartis Symposium on Homology*, London, England.
- Abouheif, Ehab** and Wray, G.A. (1999) The Evolutionary and developmental basis of wing polymorphism in ants. *Joint Annual Meeting of the Society of Naturalists, the Society for the Study of Evolution and the Society of Systematic Biologists*, Madison, Wisconsin.
- Abouheif, Ehab** and Wray, G.A. (1999) The developmental basis of wing polymorphism in ants. *University of Chicago Meeting on the Developmental Basis of Evolutionary Change*, Chicago, Illinois.
- Adams, Dean C.** (1999) Morphometrics, mandibles, and ‘manders’: morphological variability in *Plethodon*, and an overview of geometric morphometrics. Indiana State University, Terre Haute, Indiana.
- Adams, Dean C.** (1999) Morphometrics, mandibles, and ‘manders’: morphological variability in *Plethodon*, and an overview of geometric morphometrics. Brigham Young University, Provo, Utah.
- Adams, Dean C.** (1999) Geometric morphometrics: an overview. *Instituto de Investigação Agrária e Extensão Rural, Estação Agronómica Nacional*, Oeiras, Portugal.
- Anastasia, Jean R.** (1999) The impact of ultraviolet radiation on estuarine crab larvae from two tidal regimes. *Marine Benthic Ecology Meeting*. Baton Rouge, Louisiana.
- Bely, Alexandra E.**, and Wray, G.A. (1998) Evolution of regeneration and asexual reproduction in annelids. *Developmental Gene Regulation and Mechanisms of Evolution*. Woods Hole, Massachusetts.
- Billerbeck, Jean M.**, and Conover, D.O. (1998) Growth rate and food consumption trade off against swimming performance in YOY fish. *American Fisheries Society Annual Meeting*. Hartford, Connecticut.
- Billerbeck, Jean M.**, and Conover, D.O. (1999) Big problems for little fish: energetic conflicts in Atlantic silversides. *American Fisheries Society 23rd Larval Fish Conference*. Beaufort, North Carolina.
- Di Bitetti, Mario S.** (1998) Estacionalidad reproductiva del mono cai (*Cebus apella nigrurus*) en el Parque Nacional Iguazu. *Meeting of the Argentine Society for the Study of Mammals. (SAREM)*, Puerto Iguazu, Misiones, Argentina
- Di Bitetti, Mario S.** (1998) El sistema vocal del mono cai (*Cebus apella*). *Meeting of the Argentine Society for the Study of Mammals. (SAREM)*, Puerto Iguazu, Misiones, Argentina
- Di Bitetti, Mario S.** (1998) Workshop: Precongress of the International Primatological Society. *International Primatological Society*. Ranomafana National Park, Madagascar.
- Fang, Wei**, Kaplan, J., Jordan, M., and Gurevitch, J. (1998) Field experiments on factors limiting Pitch pine seedlings after fire. *The New York Natural History Conference V*. Albany, New York.
- Jordan, M., Gurevitch, J., and **Fang, Wei** (1998) Ecological recovery of Long Island pine barrens two years after wildfires. *The New York Natural History Conference*. Albany, New York.

- Fang, Wei.** (1999) Workshop: A Cross Biome Synthesis of Ecosystem Response to Global Warming. *National Center for Ecological Analysis and Synthesis*, Santa Barbara, California.
- Goodell, Karen.** (1998) Workshop: Impacts of Invasions II. Working group on Invasions. *National Center for Ecological Analysis and Synthesis*. Santa Barbara, California.
- Goodell, Karen.** (1998) The impact of honey bees on native solitary bees. *Annual Meeting of the Entomological Society of America*. Las Vegas, Nevada.
- Goodell, Karen.** (1998) The impact of honey bees on native solitary bees. *Annual Meeting of the Ecological Society of America*. Baltimore, Maryland.
- Goodell, Karen.** (1999) Workshop: Impacts of Invasions III. Working group on Invasions. *National Center for Ecological Analysis and Synthesis*. Santa Barbara, California.
- Goodell, Karen.** (1999) Ecological impacts of invasive species. *National Research Council Conference on Incorporating Science, Economics, Sociology, and Politics in Sanitary and Phytosanitary Standards and International Trade*. Irvine, California.
- Goodell, Karen.** (1999) Resource competition and indirect effects of honey bees on native bees. *Greater New England Symposium on Invasive Species*. New Haven, Connecticut.
- Gordon, Thomas T.** (1998) Seasonal calling patterns in a population of non-lekking "Hysignathus monstrosus." *28th Annual Symposium on Bat Research*. Hot Springs, Arkansas.
- Gordon, Thomas T., and Koni, I.** (1998) Calling site characteristics for non-lekking male "Hysignathus monstrosus." *28th Annual Symposium on Bat Research*. Hot Springs, Arkansas.
- Gordon, Thomas T.** (1998) Netting results for Taï Forest, Côte d'Ivoire. *28th Annual Symposium on Bat Research*. Hot Springs, Arkansas.
- Gordon, Thomas T.** (1999) Seasonal calling patterns in a non-lekking population of *Hysignathus monstrosus* (Chiroptera: Pteropodidae), in Côte d'Ivoire. *Department of Animal Physiology, Eberhard-Karls-University Tübingen*, Tübingen, Germany.
- Gordon, Thomas T.** (1998) 14th Workshop of the International School of Ethology: Vertebrate Mating Systems. *International School of Ethology*, Erice, Italy.
- Knott, Karelyn E., and Wray, G.A.** (1999) Controversy and consensus in asteroid systematics: New insights to ordinal and familial relationships. Symposium on Evolution of Starfishes: Morphology, Molecules, Development and Paleobiology. *Annual Meeting of the Society for Integrative and Comparative Biology*, Denver, CO.
- Knowles, L. Lacey and Futuyma, D.J.** (1999) Sky-island hopping: patterns of population differentiation in a montane grasshopper. *Joint Annual Meeting of the Society of Naturalists, the Society for the Study of Evolution and the Society of Systematic Biologists*, Madison, Wisconsin.
- Kurdziel, Josepha P.** (1999) Environmental control of male dimorphism in a marine amphipod: the role of diet quality. *Joint Annual Meeting of the Society of Naturalists, the Society for the Study of Evolution and the Society of Systematic Biologists*. Madison, Wisconsin.
- Kurdziel, Josepha P.** (1999) Environmental control of male dimorphism in the marine amphipod *Jassa marmorata*. *Marine Benthic Ecology Meeting*. Baton Rouge, Louisiana.
- Kurdziel, Josepha P.** (1999) Assessing threats to coastal habitats at Fire Island National Seashore: Algae and reed grass. *Fire Island National Seashore Science Conference*. Brookhaven, New York.
- Rosenberg, Michael S.** (1999) The comparative morphology of fiddler crab (genus *Uca*) claws. *Marine Benthic Ecology Meeting*, Baton Rouge, Louisiana

- Rosenberg, Michael S.** (1999) A morphological phylogeny and the Evolution of claw shape in fiddler crabs (genus *Uca*). *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Madison, Wisconsin.
- Soucy, Sheryl L.** (1998) Environmentally determined sex-ratio in a facultatively social bee. *Entomological Society of America National Meeting*. Las Vegas, Nevada.
- Lerdau, M., and **Throop, Heather L.** (1998) Isoprene emission controls in a tropical wet forest canopy: implications for model development. *Fifth Scientific Conference of the International Global Atmospheric Chemistry Project*. Seattle, Washington.
- Lerdau, M., and **Throop, Heather L.** (1998) Isoprene emission and photosynthesis in canopy leaves of a tropical wet forest canopy: implications for model development. *Annual Meeting of the Ecological Society of America*. Baltimore, Maryland.
- Valenzuela, Nicole.** (1999) Temperature dependent sex determination and ecological genetics of the giant Amazonian turtle, *Podocnemis expansa*. *Department of Life Sciences, Indiana State University*. Terre Haute, Indiana.
- Valenzuela, Nicole.** (1999) Life history aspects of the giant river turtle *Podocnemis expansa*. *Department of Zoology, Brigham Young University*. Provo, Utah.
- Valenzuela, Nicole.** (1999) Is TSDII an artifact? *Powdermill 1999: 4th Occasional Freshwater Turtle Conference*. Laughlin, Nevada.
- Williams, Neal M.,** and Thomson, J.D. (1998) Pollinator quality of native bees and honey bees: comparing pollen removal and deposition. *Entomological Society of America National Meeting*. Las Vegas, Nevada.
- Williams, Neal M.** (1998) Diet composition in a solitary bee (Hymenoptera: Megachilidae) is influenced by adult preference, larval performance and resource ecology. *Annual Meeting of the Ecological Society of America*. Baltimore, Maryland.
- Williams, Neal M.** (1998) Pollen-collecting flexibility and larval performance in a generalist versus a specialist Osmiine bee (Hymenoptera: Megachilidae). *Annual Meeting of the Society for the Study of Evolution*. Vancouver, Canada.
- Williams, Neal M.** (1998) Workshop: Active learning in introductory science courses. How do we assess student learning? *Annual Meeting of the Ecological Society of America*. Baltimore, Maryland.
- Williams, Neal M.** (1998) Workshop: Strategies for Success in Science Teaching, *Kingsborough Community College*. Brooklyn, New York.

❖ Post-Doctorates Obtained and Professional Appointments

- Adams, Dean C.** (1999) Post-Doctorates Fellowship. Computational Molecular Biology, Department of Zoology and Genetics, *Iowa State University*, Ames, Iowa.
- Craig, Sean.** (1999) Instructor. Department of Biology, *Villanova University*, Villanova, Pennsylvania.
- Funk, Daniel J.** (1999) Assistant Professor. Department of Biology, *Vanderbilt University*, Nashville, Tennessee.
- Guttman, David** (1999) Assistant Professor. Department of Botany, *University of Toronto*. Toronto, Canada.
- Knowles, L. Lacey.** (1999) Post-Doctorates Fellow, National Science Foundation Research and Training Grant in Biodiversity. Department of Ecology and Evolutionary Biology, *University of Arizona*, Tucson, Arizona.
- McCartney, Michael.** (1998) Post-Doctoral Research Associate. Biological Sciences Department, *Florida State University*, Tallahassee Florida.

McCartney, Michael. (1999) Assistant Professor. Department of Biological Sciences, *University of North Carolina*, Wilmington, North Carolina.

Stone, Judy. (1999) Assistant Professor. Department of Biology, *Colby College*, Waterville, Maine.

Stratton, Donald A. (1998) Research Assistant Professor. Department of Botany, *University of Vermont*, Burlington, Vermont.

Valenzuela, Nicole. (1999) Post-Doctorate. Department of Zoology and Genetics, *Iowa State University*, Ames, Iowa.

Williams, Neal M. (1999) University of Calgary Post-Doctoral Fellowship. Killam Foundation, Department of Biology, *University of Calgary*, Calgary, Canada.

Young, Helen J. (1998) Assistant Professor. Department of Biology, *Middlebury College*, Middlebury, Vermont.

❖ **Other**

Bole, Gregory M. (1999) Workshop Co-organizer. Stony Brook Interdepartmental Teaching Institute, *SUNY at Stony Brook*, Stony Brook, New York.

ECONOMICS

GRADUATE DIRECTOR: THOMAS MUENCH
DEPARTMENT CHAIR: WARREN SANDERSON

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

Bhattacharjee, Atrayee. (1999) "Product and Process Development in Technology Driven Competitive Firms." *LESS Seminar*. Case Western Reserve University.

Nawar, Abdel-Hameed Hamdy. (1998) "An Evaluation of the Economic Role of UAE Free Trade Zones." *Economic Affairs*, Crown Prince Court, Research and Studies Department.

Nawar, Abdel-Hameed Hamdy. (1999) "Quality, New Products and Price Measurement: A Survey of Literature." *Graduate Student Seminar*, Economics Department, SUNY at Stony Brook.

Noonan, Kelly. (1999) "An Investigation of Foster Care: Do the Current Policies Hurt Our Foster Children?" Syosset High School, Syosset, NY.

Jaideep, Roy and Debapriya, Sen. (1999) "Non-Cooperative Network Games." *Graduate Student Seminar*, Economics Department, SUNY at Stony Brook.

ELECTRICAL and COMPUTER ENGINEERING

GRADUATE DIRECTOR: CHI-TSONG CHEN
DEPARTMENT CHAIR: SERGE LURYI

❖ Jointly Authored Publications/Research Reports/Reviews

- Donetsky, D.V.**, Belenky, G.L., Shtengel, G.E., Reynolds, C.L., Jr., Kazarinov, R.F., and Luryi, S. (1998) "Temperature Dependencies of Output Characteristics of 1.3 μm InGaAsP/InP Lasers with Different Profiles of p-Doping." *SPIE* Vol. #3283: pp. 423-431.
- Donetsky, D.V.**, Belenky, G.L., Garbuzov, D.Z., Lee, H., Martinelli, R.V., Taylor, G., Luryi, S., and Connolly, J.C. (1999) "Direct Measurements of Heterobarrier Leakage Current and Modal Gain in 2.3 μm double QW p-substrate InGaAsSb/AlGaAsSb broad area lasers." *Electronics Letters* Vol. 35, #4, pp. 298-299.
- Andreev, A.D., and **Donetsky, D.V.** (1999) "Analysis of Temperature Dependence of the Threshold Current in 2.3 – 2.6 μm InGaAsSb/AlGaAsSb Quantum-Well Lasers." *Appl. Phys. Lett.* Vol. 74, #19.
- Belenky, G.L., Reynolds, C.L. Jr., **Donetsky, D.V.**, Shtengel, G.E., Hybertsen, M., Alam, M.A., Baraff, G.A., Smith, R.K., Kazarinov, R.F., Winn, J., Smith, L.E. (1998) "Role of p-doping Profile and Regrowth on the Static Characteristics of 1.3 μm MQW InGaAsP/InP Lasers. Experiment and Modeling." Submitted to *IEEE Journal of Quantum Electronics*.
- Hybertsen, M.S., Alam, M.A., Shtengel, G.E., Belenky, G.L., Reynolds, C.L., Jr., **Donetsky, D.V.**, Smith, R.K., Baraff, G.A., Kazarinov, R.F., Winn, J.D., and Smith, L.E. (1999) "Role of p-doping profile in InGaAsP Multi-Quantum Well Lasers: Comparison of Simulation and Experiment." *SPIE* Vol. 3625.
- Huang, Xiaoling** and Phamdo, N. (1998) Turbo Decoders which Adapt to Noise Distribution Mismatch. *IEEE Communications Letters* Vol. #2 pp. 321-323.
- Pan, Jung-Lin**, Rappaport, S.S., and Djuric, P. (June 6-10, 1998) A Multibeam Medium Access Scheme for Multiple Services in Wireless Cellular Communications. Proceedings of the *IEEE International Conference on Communications, ICC'99* Vol. 3: pp. 1673-1677.
- Sohn, Jeeho** and Robertazzi, T.G. (1998) "Optimal Time-Varying Load Sharing for Divisible Loads. *IEEE Transactions on Aerospace and Electronic Systems* Vol. #34, pp. 907-929.
- Zhang, Guodong** and Rappaport, S.S. "Integrated Multimedia Personal Communications with Asymmetric Services for Mobile Users in Cellular Systems." *CEAS Technical Report #768*, SUNY at Stony Brook, Stony Brook, NY 11794.

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

- Belenky, G.L., **Donetsky, D.V.**, Reynolds, C.L. Jr., Kazarinov, R.F., Shtengel, G.E. (1998) "Temperature performance of 1.3 μm InGaAsP/InP lasers." *Photonics West*, 3283-49, San Jose, CA.
- Donetsky, D.V.**, Reynolds, C.L., Jr., Belenky, G.L., Shtengel, G.E., Kazarinov, R.F., Luryi, S. (1998) "Optimization of p-doping profile of 1.3 μm InGaAsP/InP MQW Lasers for High-Temperature Operation." *Conference on Lasers and Electro-Optics*. San Francisco, CA.
- Belenky, G.L., **Donetsky, D.V.**, Reynolds, C.L., Jr., Shtengel, G.E., Kazarinov, R.F., Luryi, S. (1998) "1.3 μm InGaAsP/InP MQW Lasers for High Temperature Operation. Experiment and Modeling." *Conference on Lasers and Electro-Optics*. Glasgow, Scotland, UK.

Donetsky, D.V., Belenky, G.L., Luryi, S., Garbuzov, D.Z., Lee, H., Martinelli, R.V., Connolly, J.C. (1999) "Current and Temperature Dependencies of the Modal Gain in Wide-Aperture 2.3 μm InGaAsSb/AlGaAsSb Quantum-Well Lasers." *Conference on Lasers and Electro-Optics*. Baltimore, MD.

Hybertsen, M.S., Alam, M.A., Baraff, G.A., Smith, R.K., Shtengel, G.E., Reynolds, C.L. Jr., Kazarinov, R.F., Belenky, G.L., **Donetsky, D.V.** (1999) "Role of p-doping profile on semiconductor laser performance: Simulation and Experiment." *Conference on Lasers and Electro-Optics*. Baltimore, MD.

Gu, Daqing and Rappaport, S.S. (1999) "Mobile User Registration in Cellular Systems with Overlapping Locations Areas." *IEEE Vehicular Technology Conference*. Houston, TX.

Huang, Xiaoling and Phamdo, N. (1998) On the Robustness of Turbo Decoders. *IEEE International Symposium on Information Theory*. MIT, Cambridge, MA: pp. 16-21.

Zhang, Guodong and Rappaport, S.S. "Call Admission, Medium Access and Guaranteed Quality-of-Service Provisioning for ATM-Based Wireless Personal Communication Networks." *Conference on Information Sciences and Systems*. Baltimore, MD.

Zhang, Guodong and Rappaport, S.S. (1999) "Integrated Multimedia Personal Communications with Asymmetric Services for Mobile Users in Cellular Systems." *Applied Telecommunication Symposium (part of Advanced Simulation Technologies Conference)*, San Diego, CA.

❖ Patents

Sohn, Jeeho, Robertazzi, T.G., and Luryi, S. (1999) *Load Sharing Controller for Optimizing Monetary Costs*. Patent no. 5, 889, 989.

ENGLISH

GRADUATE DIRECTOR: CLIFFORD SISKIN
DEPARTMENT CHAIR: LEE EDELMAN

❖ Grants, Fellowships, and Awards

- Belling, Catherine.** (1998) Presidential Mini-Grant for Departmental Diversity Initiatives. (For Department of Preventive Medicine; development of course, Spanish for Future Health Care Professionals), \$4, 000. *SUNY Stony Brook*, Stony Brook, NY.
- Coulehan, Jack.** (1998) Presidential Mini-Grant for Departmental Diversity Initiatives. (For Department of Preventive Medicine; development of course, Spanish for Future Health Care Professionals), \$4, 000. *SUNY Stony Brook*, Stony Brook, NY.
- Good, Tina.** (1998-1999) P.E.O. National Award for Outstanding Woman Scholar in a Graduate Program. *P.E.O.*, U.S.A.
- Hickman, Trenton.** (1999) Graduate Council Fellowship, \$13500/year. *SUNY-Stony Brook*, Stony Brook, NY.
- Hickman, Trenton.** (1999) Honorable Mention, IMCS Writing Contest, \$100. *Institute for Medicine in Contemporary Society*, *SUNY-Stony Brook*, Stony Brook, NY.
- Machado, Elena.** (1999) W. Burgardt Turner Fellowship, \$14, 000 w/full tuition. *SUNY at Stony Brook*, Stony Brook, NY.
- Mason, Nicholas.** (1999) Bibliographical Society of America Fellowship, \$1, 500. *Bibliographical Society of America*. Lenox Hill Station, NY.
- Mason, Nicholas.** (1999) Fletcher Jones Foundation Fellowship, \$2, 000. *The Huntington Library*, San Marino, CA.
- Nagel, Christopher.** (1999) Visiting Researcher, *UC-Berkeley*, Berkeley, CA.
- Snyder, Carey.** (1999) Madeline Fusco Fellowship, \$1000. *SUNY at Stony Brook*, Stony Brook, NY. *Society of America*, Lenox Hill Station, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Belling, Catherine.** (1998) Reading *The Operation*: Television, Realism, and the Possession of Medical Knowledge. *Literature and Medicine* 17(1): 1-23.
- Belling, Catherine.** (1999) Medicine and the Arts: a Commentary on Virginia Woolf's *To the Lighthouse*. *Academic Medicine* Vol. 74 (I): 74-5.
- Crane, Susan.** "Swish." *Sounds Good to Me: Phonological Awareness Fun*. J. Bryant, Ed. Wisconsin: Thinking Publications.
- Good, Tina LaVonne.** (1999/in press) "Individual Student Conferences and the Community Workshop: Is There A Conflict?" *In Our Own Voice: Graduate Students Teach Writing*. Good, T, and Warshauer, Eds. Boston: Allyn & Bacon.
- Hickman, Trenton.** (1999) "Disclaimer, and an Invitation." *Contexts* 7: 4.
- Mason, Nicholas.** (1999) Class, Gender, and Domesticity in Maria Edgeworth's "Belinda." *Eighteenth-Century Novel*.

- Mason, Nicholas.** (Forthcoming) "Bookselling, Backshop, Paternoster Row, Paltry Proceedings." Byron and the Emergence of the Brand-Name Author. *The Wordsworth Circle*.
- Stowe, Sarah.** (1999) Catherine Gallagher. *Humanities Institute at Stony Brook Newsletter*. SUNY at Stony Brook, Stony Brook, NY.
- Valerius, Karyn.** (in press) "The Monstrous Genealogy of Assisted Reproduction." *Playing dolly: Technocultural Formations, Fantasies, and Fictions of Assisted Reproduction*. Kaplan, E.A., and Squier, S., Eds. New Brunswick: Rutgers LIP.
- Valerius, Karyn.** (in press) Contributed the following textbook chapters, "The Reading Process," "The Writing Process," and "Textual Analysis" in *Foundations of Learning, led*, by Krumsieg, Karl, and Baehr, Marie. Seattle: Pacific Crest.

❖ Jointly Authored Publications/Research Reports/Reviews

- Good, Tina LaVonne, and Warshauer, Leanne B.** (1999/in press) Feminine Reasoning and the Freshman Composition Class. In *Our Own Voice: Graduate Students Teach Writing*. Good, T, and Warshauer, Eds. Boston: Allyn and Bacon.

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

- Belling, Catherine.** (1998) Gestating and Aging: Shakespeare's Account of Bodily Change. *Stony Brook History of Medicine Group*. Stony Brook, NY.
- Belling, Catherine.** (1998) Harvey's Physiology and the Scientific Quack in Ravenscroft's *The Anatomist*. *Society for Literature and Science*. Gainesville, Florida.
- Belling, Catherine.** (1999) Hamlet's Heart, Looking Back. *Shakespeare Association of America*. San Francisco, California.
- Burten-Swift, Julie.** (1999) (Pre) Forming Femininity in William Dean Howells's "Editha." *Posing Questions: Interrogating Performance, Exhibition, and Presentation*. SUNY at Stony Brook, Stony Brook, NY.
- Crane, Susan.** (1999) "Embracing the Precipice: Writing and Literacy in the Electronic Age." *14th Annual Conference of the SUNY Council on Writing*. Potsdam, NY.
- Crane, Susan, Makros, Lisa A., and Conklin, Bill.** (1999) Embracing the Precipice: The Role of Technology in the Writing Process. *SUNY Council on Writing*. Potsdam, NY
- Good, Tina.** (1999) "Using E-mail to Teach the 3R's; wRiting, Reflection and Revision." *SUNY Council on Writing 14th Annual Conference*, Potsdam Community College, NY.
- Good, Tina.** (1999) Whatever Happened to "Nan Darrell; or the Gypsy Mother?" *Posing Questions: Interrogating Performance, Exhibition, and Representation*, SUNY Stony Brook, NY.
- Hickman, Trenton.** (1999) "'You are an I...you are one of them': Elizabeth Bishop's *Geography III* and the Obligation to the Other." *Literature and Belief Colloquium 1999*. Brigham Young University, Provo, UT.
- Johns, Timothy.** (1999) Paper on Brecht and China. *Marxist Literary Group*. SUNY at Stony Brook, Stony Brook, NY.
- Machado, Elena.** (1999) A House Divided: The Dilemma of Identity in the House Of Management. *Posing Questions: Interrogating Performance, Exhibition, and Representation*, SUNY at Stony Brook, Stony Brook, NY.

- Makros, Lisa A.,** Crane, Susan, and Conklin, Bill. (1999) Embracing the Precipice: The Role of Technology in the Writing Process. *SUNY Council on Writing*. Potsdam, NY.
- Mason, Nicholas.** (1998) Sheridan's The Critic and the Advertising System of the Late Eighteenth Century. *East-Central American Society for Eighteenth-Century Studies*. Salisbury, MD.
- Mason, Nicholas.** (1998) The Beer Act of 1830 and Victorian Theories of Working-Class Drunkenness. *Conference on "The Formative Years": The Construction of Victorian Class and National Identities*. Riverdale, NY.
- Nagel, Christopher.** (1998) "Frankenstein," Friendship and the Queer Antagonism of "Sensibility." *GEMCS (Group for Early Modern Cultural Studies)*. Newport, RI.
- Nagel, Christopher.** (1998) Strange Love: The Cultural Politics of Early Modern Friendship, 1550-1850. *GEMCS (Group for Early Modern Cultural Studies)*. Newport, RI.
- Nagel, Christopher.** (1999) Jouissance and the Politics of Pleasure. *The Berkeley Summer research Seminars*. Berkeley, CA.
- Snyder, Carey.** (1999) "White Skins, White Masks": or, the Ethnographic Swagger in H. Rider Haggard's "She." Tenth Annual Graduate Student Conference: *Posing Questions: Interrogating Performance, Exhibition, and Representation*. SUNY at Stony Brook, Stony Brook, NY.
- Stowe, Sarah.** (1999) Illusions cut to the Center of Desire: Male and Female Friendship and the Gaze in "The Delicate Distress." *AEMCS*, Newport, RI.
- Stowe, Sarah.** (1999) Unwritten Scripts: Masculinity, Capitalism and "The Truman Show." *Popular Culture Assoc.* SAN Diego, CA.
- Stowe, Sarah.** (1999) Writing Over and Writing Through: Palimpsest and Salman Rushdie's "Midnight Children." *Posing Questions*. SUNY at Stony Brook, Stony Brook, NY.
- Valerius, Karyn.** (1999) "Popularizing Science and Constituting Identity: The Freak Show 1835-1940. *Posing Questions: Interrogating Performance, Exhibition, and Representation*. SUNY Stony Brook, Stony Brook, NY.
- Warshauer, Leanne B.** (1999) Experiencing Theory and Practicing Pedagogy: A Workshop on Teaching and Writing About Teaching. *Humanities Institute Pedagogy and Postmodernism Symposium*. SUNY at Stony Brook, Stony Brook, NY.
- Warshauer, Leanne B.** (1999) Revising Pedagogy Through Writing and Reflection. *SUNY Council on Writing Conference*. Potsdam, NY.

❖ Post-Doctorates Obtained and Professional Appointments

- Belling, Catherine.** (1998-1999) Associate Director. Institute for Medicine in Contemporary Society, Department of Preventive Medicine, *Stony Brook School of Medicine*, Stony Brook, NY.
- Belling, Catherine.** (1998-1999) Instructor. Division of Medicine in Society, Department of Preventive Medicine, *Stony Brook School of Medicine*, Stony Brook, NY.
- Mason, Nicholas.** (1999) Assistant Professor. *Brigham Young University*, Provo, UT.

❖ Other

- Belling, Catherine.** (1998-1999) Editor. "Contexts: A Forum for the Medical Humanities." *Institute for Medicine in Contemporary Society*, Stony Brook, NY.

- Belling, Catherine.** (1998-1999) Poetry editor. "HMS Beagle: The BioMedNet Magazine." <http://biomednet.com/hmsbeagle>. New York, NY.
- Belling, Catherine.** (1999) Editorial Board Member. Literature, Arts, and Medicine Online Database (<http://endeavor.med.nyu.edu/lit-med>). Ed: Felice Aull. *New York University*, New York, NY.
- Machado, Elena.** (1999) Understudy Actress. "Latina's Back to Basics." *SUNY at Stony Brook*, Stony Brook, NY.
- Stowe, Sarah.** (1999) Posing Questions conference committee member. *SUNY at Stony Brook*, Stony Brook, NY.

GENETICS

GRADUATE DIRECTOR: DR. SIDNEY STRICKLAND

❖ Grants, Fellowships, and Awards

Indyk, Justin. (1998) NIH Minority Supplement Grant. *National Institutes of Health*, Bethesda, Maryland.

Tello-Ruiz, Marcela K. (1998) Fulbright Fellowship, \$12,000. *Consejo Nacional de Ciencia y Tecnologia, and Institute of International Education (CONACYT/IIIE)*, Mexico/USA.

Tello-Ruiz, Marcela K. (1998) DKG World Fellowship, \$500. *Delta Kappa Gamma Society International*, USA.

❖ Jointly Authored Publications/Research Reports/Reviews

Ford, Ethan, Strubin, M., and Hernandez, N. (1998) The Oct-1 POU domain activates snRNA gene transcription by contacting a region in the SNAPc largest subunit that bears sequence similarity with the Oct-1 coactivator OBF-1. *Genes and Development* 12: 3528-3540.

Henry, R.W., **Ford, Ethan,** Mital, R., Mittal, V., and Hernandez, N. (1998) Crossing the line between RNA polymerases: transcription of human snRNA genes by RNA polymerases II and III. *Cold Spring Harbor Symposia on Quantitative Biology, Cold Spring Harbor Press Vol. LXIII*: 111-120.

Indyk, Justin, Chen, Z.L., and Strickland, S. (in press) Proteases and Degradation of Extracellular Matrix in Neurodegeneration. *Fibrinolysis and Proteolysis*.

deStanchina, E., McCurrach, M.E., Zindy, F., Shieh, S.Y., Ferbeyre, G., **Samuelson, Andrew V.,** Prives, C., Roussel, M.F., Sherr, C.J., and Lowe, S.W. (1998) E1A signaling to p53 involves the p19 (ARF) tumor suppressor. *Genes and Development* 12: 2434-2442.

Wines, Mary E., Tiffany, A.M., and Holdener, B.C. (1998) Physical localization of the mouse aryl hydrocarbon receptor nuclear translocator-2 (Arnt2) gene within the c112K deletion. *Genomics* 51: 223-232.

Chen, B., Chu, T., **Harms, Emily,** Gergen, J.P., and Strickland, S. (1998) Mapping of Drosophila mutations using site-specific male recombination. *Genetics* 149: 157-163.

Tracey, William Daniel, Pepling, M.E., Horb, M.E., Thomsen, G.H., and Gergen, J.P. (1998) A Xenopus homologue of aml-1 reveals unexpected patterning mechanisms leading to the formation of embryonic blood. *Development* 125: 1371-80.

❖ Post-Doctorates Obtained and Professional Appointments

Davis, Luther. (1998) Post-Doctoral Fellow. *Fred Hutchinson Cancer Research Center*, Seattle, Washington.

Settles, Andrew Mark. (1998) Post-Doctoral Fellow. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, New York.

Tseng, Tzu-Ling. (1999) Post-Doctoral Fellow. Lab of Population Genetics, *National Cancer Institute*, Bethesda, Maryland.

GEOSCIENCES

GRADUATE DIRECTOR: JOHN PARISE
DEPARTMENT CHAIR: ROBERT C. LIEBERMANN

❖ Grants, Fellowships, and Awards

Bebie, Joakim. (Summer 1998) NASA Planetary Biology Internship Fellowship. *University of California at San Diego*, San Diego, CA.

Kreemer, C. (1998) Geosciences Graduate Teaching Assistant Award.

Lee, Yongjae. (1998) Sir Run Run Shaw Fellowship.

Patel, Aakin. (1998) Outstanding Paper Award. *American Geophysical Union*, Boston, MA.

Zeng, Q. (1998) Geosciences Graduate Teaching Assistant Award.

Zeng, Q. Post-Doctoral Research Fellowship. *Stanford University*.

❖ Jointly Authored Publications/Research Reports/Reviews

Davis, D.M., **Bernard, M.**, Holt, W.E., and Haq, S.S.B. (1998) The Complex Relationship Between Plate Convergence Direction and Foldbelt Geometry: Examples from Pakistan. *EOS, Trans. AGU*, 79: S350.

Chen, G., **Cooke, J.A. Jr.**, Gwanmesia, G.D., and Liebermann, R.C. (1999) Elastic Wave Velocities of Mg₃Al₂Si₃O₁₂-Pyrope Garnet to 10 GPa. *Am. Mineralogist* 84: 384-388.

Flesch, L.M., Li, B., and Liebermann, R. C. (1998) Sound velocities in polycrystalline MgSiO₃-orthopyroxene to 10 GPa at room temperature. *Am. Mineralogist* 83: 444-450.

Flesch, L.M., Holt, W.E., Haines, A.J., (1998) The dynamics of the India-Eurasia Collision Zone. *Eos Transactions Supplement*, 79 (45): p. 204.

Holt, W.E., **Flesch, L.M.**, Shen-Tu, B., Haines, A.J. (1998) The Kinematics and Dynamics of the Western US Inferred from Quaternary Fault Data, GPS and VLBI Velocities, and Topography and Geoid Data. *Eos Transactions Supplement*, 79 (45): p. 206, AGU Fall Meeting 1998, San Francisco, California.

Liu, J., Zhang, J., **Flesch, L.M.**, Li, B., Weidner, D.J., and Liebermann, R.C. (1999) Thermal Equation of State of Stishovite. *Physics of the Earth and Planetary Interiors*.

Li, Baosheng, Liu, J., **Flesch, L.M.**, Liebermann, R.C., Kelly, Woody, and Gwanmesia, Gabriel D. Elastic Properties of Forsterite to 8 GPa and 1273 K from Simultaneous Ultrasonic Measurement and X-ray Diffraction.

Davis, D.M., Bernard, M., Holt, W.E., and **Haq, S.S.B.** (1998) The Complex Relationship Between Plate Convergence Direction and Foldbelt Geometry: Examples from Pakistan. *EOS, Trans. AGU*, 79: S350.

Haq, S.S.B., and Davis, D.M. (1998) Modeling independent aspects of strain partitioning at obliquely convergent margins. *EOS, Trans. AGU*, 79: F848.

Kreemer, C., Govers, R., Furlong, K.P., Holt, W.E. (1998) Plate boundary deformation between the Pacific and North America in the Explorer region. *Tectonophysics*, 293: 225-238.

Kreemer, C., Holt, W.E., Wallace, T.C. (1998) The kinematics of the Antarctica-Pacific-Australia triple junction region. *Eos Transactions Supplement*, 79 (45): p. 664.

Kreemer, C., Holt, W.E., Haines, A.J. (1998) A self-consistent global strain rate and velocity field from GPS observations. *Eos Transactions Supplement*, 79 (45): p. 181.

- Lee, Yongjae.**, Carr, S.W., and Parise, J.B. (1998) Phase Transition upon K⁺ ion exchange into Na-Low Silica X (LSX): Combined NMR and Synchrotron X-Ray Powder Diffraction Study. *Chem. Mater.* 10: 2561-2570.
- Lee, Yongjae.**, Kim, S., Wu, G., and J.B. (in press) Structural Characterization of the Gallosilicate TsG-K10Ga10Si22O64·5H₂O, with the CGS framework topology. *Chem. Materials.*
- Johnson, G.M., **Lee, Yongjae.**, Tripathi, A., and Parise, J.B. (in press) Structural Studies of Hydrated Germanium X Type Zeolite via Rietveld Analysis of Synchrotron Powder X-ray Diffraction Data. *Microporous and Mesoporous Materials.*
- Lee, Yongjae.**, Cahill, C., Hanson, J., Parise, J.B., Carr, S., Myrick, M.L., Preckwinkel, U.V., and Phillips, J.C. (1999) Characterization of K⁺-ion Exchange into Na-MAX using Time Resolved Synchrotron X-ray Powder Diffraction and Rietveld Refinement. *Proceedings of the 12th International Zeolite Conference, Baltimore, 1998, MRS Conference Proceedings*, pp2401-2408.
- Parise, J.B., Theroux, B., **Li, Rui**, Loveday, J., Marshall, W., and Klotz, S. (1998) Pressure dependence of hydrogen bonding in metal deuterioxides: a neutron powder diffraction study of Mn(OD)₂ and γ -Co(OD)₂ *Phys. Chem. Mineral.* 25: 130-137.
- Chen, J., Weidner, D.J., Vaughan, M.T., **Li, Rui**, Parise, J.B., Koleda, C., and Baldwin, K.J. (1998) Time resolved diffraction measurements with an imaging plate at high pressure and temperature. *Rev. High Press. Sci. Technol.*, 7: 272-274.
- Liu, J.**, Zhang, J., Flesch, L.M, Li, B., Weidner, D.J., and Liebermann, R.C.(1999) Thermal Equation of State of Stishovite. *Physics of the Earth and Planetary Interiors.*
- Li, Baosheng, **Liu, J.**, Flesch, Lucy, Liebermann, R.C., Woody, Kelly, and Gwanmesia; Gabriel D. Elastic Properties of Forsterite to 8 GPa and 1273 K from Simultaneous Ultrasonic Measurement and X-ray Diffraction.
- Gwanmesia, G.D., **Liu, J.**, Chen, G., Kesson, S., Rigden, S.M., and Liebermann, R.C. (1999) Elasticity of the pyrope (Mg₃Al₂Si₃O₁₂)-majorite (MgSiO₃) garnets solid solution. *Phys. Chem. Minerals*, submitted.
- Nugent, M.A.**, Brantley, S.L., Pantano, C.G., and Maurice, P.A. (1998) The influence of natural mineral coatings on feldspar weathering. *Nature*, 395: 588-591.
- Sinelnikov, Y.D.**, Chen, D.G., and Liebermann, R.C. (1998) Elasticity of CaTiO₃-CaSiO₃ perovskites. *Physics and Chemistry of Minerals*, 25: 515-521.
- Sinelnikov, Y.D.**, Chen, D.G., Neuville, D.R., and Liebermann, R.C. (1998) Ultrasonic shear velocities of MgSiO₃-perovskite at high pressure and temperature and lower mantle composition. *Science*, 281: 677-679.
- Zeng, Q.**, Nekvasil, H., and Grey, C.P. Proton Environments in Hydrous Aluminosilicate Glasses: A ¹H MAS, ¹H/²⁷Al and ¹H/²³Na TRAPDOR NMR Study. *Journal of Physical Chemistry.*

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

- Bebie, Joakim**, Schoonen, Martin, Strongin, Daniel. (1998) Pyrite and phosphate interaction under anoxic conditions. *Annual Meeting of the Geological Society of America*, Toronto, Canada.
- Strongin, Dan, Guevremont, Jeff, Elsetinow, Alicia, **Bebie, Joakim**, and Schoonen, Martin (1998) Structure sensitivity of the oxidation of the (100) and (111) planes of pyrite. *Annual Meeting of the Geological Society of America*, Toronto, Canada.
- Becker, Mona L.**, Rasbury, E.T., Hanson, G.N., Nadon, G.C., and Gierlowski-Kordesch, E.H. (1999) U-Pb Age of a Palustrine Limestone, Monongahela Group, Southeast Ohio: Potential for Dating Terrestrial Sections. *AAPG Annual Meeting*, San Antonio, TX.
- Liebermann, R.C., G. Chen, Li, B., Flesch, L.M., Liu, J., Sinelnikov, Y.D., **Cooke, J.A. Jr**, and Gwanmesia, G.D. (1998) Elasticity of Mantle Minerals as Determined by Ultrasonic Measurements at the P and T

Conditions of the Earth's Transition Zone. *VII International Symposium on Experimental Mineralogy, Petrology, and Geochemistry (EMPG)*, Orleans, France.

- Dondolini, Alessandro**, and Nekvasil, Hanna. (1999) Compositional Evolution of Coombs-trend alkalic magmas during simulated step-wise fractional crystallization. *AGU Spring 1999 Meeting*.
- Dondolini, Alessandro**. (1998) "Granitic systems and Proterozoic lithospheric processes." *IGCP 426 Field Conference*. Wisconsin.
- Druschel, Greg**, and Rosenberg, Phil. (1998) The South Fork Payette Geothermal System, Central Idaho: a model for deep, fracture-controlled, hydrothermal systems with non-volcanogenic heat sources. *Annual Meeting of the Geological Society of America*. Toronto, Canada.
- Schoonen, Martin, Nordstrom, Kirk, Ball, Jim, **Druschel, Greg**, Yong Xu, Cohn, Corey. (1998) Anion-exchange resin technique for sampling and preservation of sulfoxyanions in hydrothermal waters *Annual Meeting of the Geological Society of America*. Toronto, Canada.
- Flesch, L.M.**, Holt, W.E., and Haines, A.J. (1998) The dynamics of the India-Eurasia collision zone. *1998 Meeting of the American Geophysical Union*. San Francisco, CA.
- Holt, William E., **Flesch, L.M.**, Shen, -Tu, and Haines, A.J. (1998) The kinematics and dynamics of the western US inferred from Quaternary fault data, GPS and VLBI velocities, and topography and geoid data. *1998 Meeting of the American Geophysical Union*. San Francisco, CA.
- Liebermann, R.C., Chen, G., Li, B., **Flesch, L.M.**, Liu, J., Sinelnikov, Y.D., Cooke, J.A. Jr, and Gwanmesia, G.D. (1998). Elasticity of Mantle Minerals as Determined by Ultrasonic Measurements at the P and T Conditions of the Earth's Transition Zone. *VII International Symposium on Experimental Mineralogy, Petrology, and Geochemistry (EMPG)*. Orleans, France
- Li, B., **Flesch, L.M.**, Liu, J., and Liebermann, R.C. (1999) Elastic properties of mantle minerals from simultaneous ultrasonic measurement and X-ray diffraction at high pressure and high temperature. *Xth General Assembly, European Union of Geoscience*. Strasbourg, France.
- Kremer, C.**, Holt, W.E., and Haines, A.J. (1998) A self consistent global strain rate and velocity field from GPS observations. *1998 Meeting of the American Geophysical Union*. San Francisco, CA.
- Kremer, C.**, Holt, W.E., and Wallace, T.C. (1998) The kinematics of the Antarctica-Pacific-Australia triple junction region. *1998 Meeting of the American Geophysical Union*. San Francisco, CA.
- Paris, J.B., **Lee, Yongjae**, Cahill, Christopher L., Hanso, Jonathan C., Preckwinke, Uwe V., and Phillip, James C. (1998) Characterization of K+ Ion Exchange into Na-LSX Zeolite using Time Resolved Synchrotron X-ray Powder Diffraction. *ACA meeting*. Washington D.C.
- Liebermann, R.C., Chen, G., Li, B., Flesch, L.M., **Liu, J.**, Sinelnikov, Y.D., Cooke Jr., J.A., and Gwanmesia, G.D. (1998) Elasticity of Mantle Minerals as Determined by Ultrasonic Measurements at the P and T Conditions of the Earth's Transition Zone. *VII International Symposium on Experimental Mineralogy, Petrology, and Geochemistry (EMPG)*. Orleans, France.
- Li, B., Flesch, L.M., **Liu, J.**, and Liebermann, R.C. (1999) Elastic properties of mantle minerals from simultaneous ultrasonic measurement and X-ray diffraction at high pressure and high temperature. *Xth General Assembly, European Union of Geosciences*. Strasbourg, France.
- Gwanmesia, G.D., Li, B., **Liu, J.**, Chen, G., and Liebermann, R.C. (1999) Simultaneous ultrasonic measurements and X-ray diffraction at high pressure and temperature for majorite garnet. *IUGG 99 General Assembly*. Birmingham, England.
- Liu, J.**, Chen, G., Gwanmesia, G.D., and Liebermann, R.C. (1998) Elasticity of a pyrope-majorite garnet to 8 Gpa. *EOS, Trans. Amer. Geophys. Un., 79 (17), Spring Meeting, S162*.
- Sinelnikov, Y.D., Chen, G., Kagi, H., **Liu, J.**, Neuville, D.R., Vaughan, M.T., Weidner, D.J., and Liebermann, R.C. (1998) Measurements of the elastic properties of MgSiO₃-perovskite at high pressure and temperature by

ultrasonic interferometry. *Study of the Earth's Deep Interior (SEDI) Sixth Symposium*. Vinci-Tours, France..

Gwanmesia, G.D., Chen, G., **Liu, J.**, and Liebermann, R.C. (1998) Elasticity of Polycrystalline MgSiO₃-Garnet to 8 GPa at Room Temperature. *EOS, Trans. Amer. Geophys. Un., 79 (17) Spring Meeting, S163*.

Liu, Yun, and Nekvasil, Hanna. (1999) Ab initio studies of possible fluorine-bearing four- and five- coordinated Al species in aluminosilicate glasses. *AGU Spring 1999 Meeting*.

Holt, William E., Flesch, L., **Shen-Tu, B.**, and Haines, A.J. (1998) The kinematics and dynamics of the western US inferred from Quaternary fault data, GPS and VLBI velocities, and topography and geoid data. *1998 Meeting of the American Geophysical Union*, San Francisco, CA.

Nekvasil, H., **Simon, A.**, and Lindsley, D.H. (1998) Massif anorthosites, anorogenic granites, and rift-related tholeiites and ferrobasalts: Is there a connection? *Annual Meeting of the Geological Society of America*. Toronto, Canada.

Sinelnikov, Y.D. (1998) Presented paper on measurements of the shear elasticity of MgSiO₃-perovskite. *SEDI meeting*. Tours, France

Liebermann, R.C., Chen, G., Li, B., Flesch, L.M., Liu, J., **Sinelnikov, Y.D.**, Cooke Jr., J.A., and Gwanmesia, G.D. (1998) Elasticity of Mantle Minerals as Determined by Ultrasonic Measurements at the P and T Conditions of the Earth's Transition Zone. *VII International Symposium on Experimental Mineralogy, Petrology, and Geochemistry (EMPG)*. Orleans, France.

Sinelnikov, Y.D., Chen, G., Liebermann, R.C., Neuville, D.R., Kagi, H., Liu, J., Vaughan, M.T., and Weidner, D.J. (1998) Shear Wave Velocity of MgSiO₃ Perovskite to 8 GPa and 820 K. *EOS, Trans. Amer. Geophys. Un., 79 (17), Spring Meeting, S220*.

Sinelnikov, Y.D., Chen, G., Kagi, H., Liu, J., Neuville, D.R., Vaughan, M.T., Weidner, D.J., and Liebermann, R.C. (1998) Measurements of the elastic properties of MgSiO₃-perovskite at high pressure and temperature by ultrasonic interferometry. *Study of the Earth's Deep Interior (SEDI) Sixth Symposium*. Vinci-Tours, France.

Wu, Yujun, Weidner, Donald J., Vaughan, Michael T., and Chen, Jiuhua. (1998) Rheology of Olivine Under High Pressure and Temperature. *EOS, 1998 AGU Fall Meeting*.

Wu, Y., Weidner, D.J., Liu, J., Vaughan, M.T., and Zhang, J. (1998) The Rheological Study of "Super Dry" Forsterite at High Pressure and Temperature. *1997 Annual Report of the National Synchrotron Light Source*. Brookhaven National Laboratory.

Wu, Y., Weidner, D.J., Chen, J., and Vaughan, M.T. (1998) Measuring the rheological properties of San Carlos olivine using the x-ray diffraction method. *NSLS 1998 Annual Users' Meeting*.

Schoonen, Martin, Nordstrom, Kirk, Ball, Jim, Druschel, Greg, **Yong Xu**, Cohn, Corey. (1998) Anion-exchange resin technique for sampling and preservation of sulfoxyanions in hydrothermal waters. *Annual Meeting of the Geological Society of America*. Toronto, Canada.

❖ Post-Doctorates Obtained and Professional Appointments

Bebie, Joakim. (1999) Post-Doctorate. *Geophysical Laboratory*, Washington, DC.

Becker, Mona L. (1998) Editor of the *Northeast Section of the Association for Women Geoscientists*.

Holt (Rasbury), Troy. (1998) Assistant Professor. *Queens College*, Queens, NY.

Lev, Steven. (1998) Post-Doctorate Research Assistant Associate. *National Institute of Standards and Technology*, Gaithersburg, MD.

Lu, Fenghu. (1999) Research Assistant. *SUNY at Stony Brook*, Stony Brook, NY.

McDaniel, Diane. (1999) Post-Doctorate. *Los Alamos National Laboratory.*

Shen-Tu, B. (1999) Research Assistant. *SUNY at Stony Brook, Stony Brook, NY.*

Sinelnikov, Y.D. (1998) Research Physicist in Focussed Ultrasound. *Transurgical Inc., Setauket, NY.*

Zeng, Qiang. (1998) Post-Doctorate. *Stanford University, California.*

HISTORY

GRADUATE DIRECTOR: ELIZABETH GARBER
DEPARTMENT CHAIR: GARY MARKER

❖ Grants, Fellowships and Awards:

BenAicha, Hedi. (1999) Humanities Institute, SUNY at Stony Brook fellowship, \$2000. *The School of Criticism and Theory, Cornell University.*

Fea, John. (1998-1999) Dissertation Fellowship, \$12, 500. *McNeil Center for Early American Studies, University of Pennsylvania, Philadelphia, PA*

Lowengard, Sarah. (1999) Post Doctoral Fellowship, *The Max Planck Institute for the History of Science, Berlin, Germany*

Williams, Derek. (1998) Regular Training Fellowship (Research). *Organization of American States.*

❖ Singly Authored Publications/Research Repots/Reviews

Bass, Amy. (1998)"A Matter of Customs." *American Neptune* Vol. 58, No. 1: 25-34.

Bass, Amy. (in press).Race and Nation in Olympic Proportions: Televising Black Power at the Mexico City Games. *SPECTATOR: the University of Southern California Journal of Film and Television*

Coello, de la Rosa, Alexandre. "Genesis y desarrollo de las relaciones de poder en el Peru virreinal (siglo XVI)." *Revista de Historia de America, Mexico*, 120: 1996.

Friskin, Amanda. (1998) A Shameless Prostitute and a Negro: Miscegenation Fears in the Election of 1872. *Fear Itself: Enemies Real and Imagined in American Culture.* N.L. Schultz, Ed. West Lafayette, Indiana: Purdue University Press.

Friskin, Amanda. (in press) "Sex in Politics: Victoria Woodhull as Public Woman." *Journal of Women's History.*

Marinucci, Kimberly. (Winter 1998) New York University and the City, by Thomas Frusciano and Marilyn Pettit. *History of Education Quarterly* Vol. 38: 4.

Osorio, Alejandra B. (1999) "El callejon de la soledad: vectors of cultural hybridity in seventeenth-century Lima." *Spiritual Encounters. Interactions between Christianity and native religions in colonial America.* Nicholas Griffiths and Fernando Cervantes, Eds. Birmingham, UK: The University of Birmingham Press and Nebraska: The University of Nebraska Press, pp. 198-229.

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

Alvarez-Calderon, Annalyda. (1999) "Friar Martin de Murua's chronicle: a critical perspective of the Toledan colonial project" *Primer Congreso Internacional de Peruanistas en el Extranjero.* Harvard University, 29 de abril-1 de mayo).

Alvarez-Calderon, Annalyda. (1999) "Martin de Murua and his chronicle: the lies and legacies of a 16th century friar in the Andes." *1999 Ohio Academy Of History Meeting.* University of Dayton, Dayton, OH.

Bass, Amy. (1998) "Equal But Yet Separate: the Gendering of Olympic Human Rights." *History Department Colloquium Series.* Stony Brook, New York.

- Bass, Amy.** (1998) "Race-ing America's Team: Postwar Diplomacy and the Value of Integrated Play." *New England Historical Association*. Connecticut College, New London, CT.
- Bass, Amy.** (1998) "The Olympic Village Then and Now: Comparative Perspectives on Mexico City and Atlanta." *The Chicago Seminar on Sport and Culture*. Newberry Library, Chicago, IL.
- Bass, Amy.** (1999) "Whose Broad Stripes and Bright Stars?: Race, Nation, and Power at the Mexico City Games." *African American Lecture Series*. Yale University, New Haven, CT.
- Doyle, Dennis.** (1999) "(En)gendering the Black Epileptic: the Interplay of Race and Gender in the Construction of Epileptic African-Americans, 1930-1942." *American Association of the History of Medicine*, Annual Meeting. New Brunswick, NJ.
- Doyle, Dennis.** (1999) "Both Nuisance and Necessity: Public Health, the Rural Cemetery Movement, and the Potter's Field, 1836-54." *Conference on New York State History*. Oneonta, NY.
- Fea, John.** (1998) "Cultivating Seeds: Agriculture and the Religious World of a Quaker Yeoman in the Early Republic." *McNeil Center for Early American Studies Works in Progress Seminar*. University of Pennsylvania, Philadelphia, PA.
- Friskin, Amanda,** and Nancy Tomes. (1999) "Old and New Body History." *Re-envisioning Women's History Conference*. City University of New York. New York, NY.
- Friskin, Amanda.** (1998) "Inside the Opium Den: Race, Sex, and Vice in 1870s New York." *American Studies Association*. Seattle, WA.
- Friskin, Amanda.** (1999) "Long Haired Men and Short Haired Women: the Sex Radicals of Reconstruction." Delivered in absentia due to illness. *Nineteenth Century Studies Association*. Philadelphia, PA.
- Fuchs, Steven.** (1999) "Feeding the Japanese: Scaps Food Policy and its Implications for Japan's Economic Recovery." *The Society for Historians of American Foreign Relations 25th Annual Conference*. Princeton University, Princeton, NJ.
- Gangloff, Amy.** (1999) "The Body of America: Community and Blood Donations in New York City, 1940-45." *Conference on New York State History*. Oneonta, NY.
- Gangloff, Amy.** (1999) "Women and AIDS: Political Implications for Teaching." *National Women's Studies Association*. Albuquerque, New Mexico.
- Gangloff, Amy.** (1999) "The Body of America: Race, Nationalism, and Blood Donations during World War II." *Science Studies Forum*. April 29, SUNY at Stony Brook.
- Gangloff, Amy.** (1999) "The Body of America: Race, Nationalism, and Blood Donations during World War II." *American Association of the History of Medicine*. New Brunswick, NJ.
- Gumienny, Kevin.** (1999) "Electricity, Entertainment, and Enlightenment: Electrical Lectures in Mid-Eighteenth-Century America." *The American Society for Eighteenth-Century Studies*. University of Wisconsin at Milwaukee. Milwaukee, WI.
- Gumienny, Kevin.** (1998) "For the Entertainment of the Curious: Ebenezer Kinnersley, and Public Science in Mid-Eighteenth Century America." *The Mid-Atlantic Conference in the History of Science, Medicine, and Technology*. Johns Hopkins University, Baltimore, MD.
- Gumienny, Kevin.** (1999) "A Rational and Commendable Entertainment: Electricity and Enlightenment in Mid-Eighteenth Century America." *The Omohundro Institute of Early American History and Culture*. University of Texas, Austin, TX.
- Hamblin, Terry.** (1999) "The Radio Cold War: The 'Voice of America' and American Popular Culture in Western Europe, 1946-1956." *Twenty-ninth Popular Culture Association and Twenty-first American Culture Association Annual Conference*. San Diego, CA.
- McCrea, Heather.** (1998) "Cemetery and Burial Rights in 19th Century Yucatan, Mexico." *1998 ASE conference (American Society for Ethnohistory)*. Minneapolis, MN.

- McCrea, Heather.** (1999) "Pus, Scabs, and Cattle: Nineteenth-Century Smallpox Vaccination Campaigns in Yucatan, Mexico." *History Department Colloquium*. SUNY at Stony Brook.
- McKenzie, Brian A.** (1998) "The Marshall Plan and Tourism." *New England Historical Society*. New London, CT.
- McKenzie, Brian A.** (1999) "Deep Impact: the Labor Information Program in France." *The Cold War: Film, Fact, Fiction*. Indiana University, Bloomington, IN.
- McKenzie, Brian A.** (1999) "L'enfer c'est les Américains: the Marshall Plan and the Creation of Mass Transatlantic Tourism." *French Historical Studies annual meeting*. Washington, D.C.
- Osorio, Alejandra B.** (1998) "Beyond Punishment: Misericordia and Power in the Lima Auto de Fe." *XXI International Congress of the Latin American Studies Association (LASA)*. Chicago, IL.
- Osorio, Alejandra B.** (1999) "A Rey Muerto, Rey Puesto: Royal Exequies and Acclamations in Colonial Lima." *Primer Simposio Internacional de Peruanistas en el Extranjero*. Harvard University, Cambridge, MA.
- Osorio, Alejandra B.** (1999) "Courtly Rituals and Colonial Rule in Seventeenth-Century Lima." *History Department Colloquium Series*, SUNY at Stony Brook, April 28.
- Palermo, Silvana.** (1998) "Union Culture in Argentine National Railroads, 1912-1922." *Fifteenth Annual Latin American Labor History Conference*. Duke University, NC.
- Vihlen, Elizabeth.** (1998) "Playing Paris: Jazz in Postwar France." *New England Historical Association*. New London, CT.
- Vihlen, Elizabeth.** (1999) "New National Sounds: French Jazz and Postwar Culture." *Society for French Historical Studies*. Washington, D.C.

❖ Post Doctorates Obtained and Professional Appointments

- Armus, Seth.** Tenure-Track, Assistant Professor. *St. Joseph's College*, Patchogue, NY.
- Bass, Amy.** Tenure-track, Assistant Professor. Department of History, *SUNY at Plattsburgh*, Plattsburgh, NY.
- Gaskievicz, Andrew.** Tenure-Track, Assistant Professor. Department of History, *Mansfield University*, Mansfield, PA.
- Pedisich, Paul.** Tenure-Track, Assistant Professor. Department of History, *Prazosport College*, Lake Jackson, TX.
- Reggiani, Andres.** Assistant Professor. Universidad Palermo, Argentina and Investigator, *Instituto de Tella*, Argentina.
- Stewart, Catherine.** Tenure-track, Assistant Professor. *Cornell College*, Mt. Vernon, IA.
- Travers, Judith.** Tenure-Track, Assistant Professor. Department of History, *Suffolk Community College*, Brentwood, NY.

❖ Other

- Osorio, Alejandra B.** (1998) Organized the conference panel for "Rewards and Punishment: Discourses of Justice in Colonial Latin America." *XXI International Congress of the Latin American Studies Association (LASA)*. Chicago, IL, September 24-26.

LINGUISTICS

GRADUATE DIRECTOR: FRANK ANSHEN AND DAN FINER
DEPARTMENT CHAIR: ELLEN BROSELOW

❖ Grants, Fellowships and Awards

Borroff, Marianne. (1998) Graduate Council Fellowship, \$ 14, 000. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Chakravarty, Supriya. (in press) The Dynamic Phenomenon of Politeness: Interactional Strategies Revisited in a Hindi Speech Community. *Pragmatics and Language Learning Monograph Vol. 12*, Urbana, IL.

Citko, Barbara. (1998) ATB: Analysis of Free Relatives and Correlatives. *Proceedings of Chicago Linguistic Society 34th Annual Meeting*.

Sumner, Meghan. (in press) Compensatory lengthening as coalescence: Analysis and implications. *Proceedings of the 18th West Coast Conference on Formal Linguistics*.

Takahashi, Naoko. (to appear) A New Model of Second Language Acquisition: Cognitive Perspectives. *Proceedings of The 2nd International Conference on Cognitive Science and The 16th Annual Meeting of the Japanese Cognitive Society – Joint Conference*.

Zhou, Xuan. (in press) Mandarin Negations as Negative Aspectual Elements. *Proceedings of The 29th Meeting of the North East Linguistics Society*.

❖ Jointly Authored Publications/Research Reports/Reviews

Bailyn, John, and **Citko, Barbara.** (1998) Case and Agreement in Slavic Predicates. *Proceedings of the Conference on Formal Approaches to Slavic Linguistics VIII*.

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

Basri, Hasan and **Chen, Yiya.** (1999) When Harmony Meets Reduplication in Selayarese. *Austonesian Formal Linguistics Association*. University of Toronto, Toronto, Canada.

Bhandari, Rita. (1999) Operator chains and negation-induced barriers. *The 75th Annual Meeting of the Linguistic Society of America*. Westin Bonaventure Hotel, Los Angeles, CA.

Chakravarty, Supriya. (1999) Problem Solving Tasks as Teacher Training Instruments. *34th Annual International TESOL Conference and Exposition*. Sheraton Hotel, New York, NY.

Chakravarty, Supriya. (1998) Practical Applications of Problem-Solving Tasks in Teacher Education. *28th Annual NYS TESOL Conference*. Adams Mark Hotel, Buffalo, NY.

Chakravarty, Supriya. (1998) Speech Acts in Indian English. *The 5th International Conference on World Englishes*. University of Illinois, Urbana, IL.

Chakravarty, Supriya, and **DeDios, Mary.** (1998) Why Should I know what Americans Celebrate? *28th Annual NYS TESOL Conference*. Adams Mark Hotel, Buffalo, NY.

- Citko, Barbara.** (1999) On Polish Jaks: Adjunct Clauses and Relatives. *The 75th Annual Meeting of the Linguistic Society of America*. Westin Bonaventure Hotel, Los Angeles, CA.
- Citko, Barbara.** (1999) Conditionals and Relatives. *23rd Annual Penn Linguistics Colloquium*. University of Pennsylvania, Philadelphia, PA.
- Citko, Barbara.** (1999) Determiner Copulas and Relatives. *18th West Coast Conference on Formal Linguistics*. University of Arizona, Tucson, AZ.
- Chen, Yiya.** (1999) Re-examining Dui bu dui: Evidence from Chinese Classroom Discourse. *American Association of Applied Linguistics*. Sheraton Stamford Hotel, Stamford, CT.
- Chen, Yiya.** (1999) Is Dui bu dui Just a Tag? *North American Conference on Chinese Linguistics*. Harvard, Cambridge, MA.
- Cho, Sungeun.** (1999) The Semantics of –ship suffixation. *The 75th Annual Meeting of the Linguistic Society of America*. Westin Bonaventure Hotel, Los Angeles, CA.
- Larson, Richard and **Cho, Sungeun.** (1999) Temporal Adjectives and the Structure of Possessive DPs. *The 18th West Coast Conference on Formal Linguistics*. University of Arizona, Tucson, AZ.
- Saravanan, Bhavani.** (1999) Autonomous Morphology: Arguments from Stem Formation. *The 75th Annual Meeting of the Linguistic Society of America*. Westin Bonaventure Hotel, Los Angeles, CA.
- Sumner, Meghan.** (1999) Compensatory lengthening as coalescence: Analysis and implications. *The 18th West Coast Conference on Formal Linguistics*. University of Arizona, Tucson, AZ.
- Takahashi, Naoko.** (1999) A New Model of Second Language Acquisition: Cognitive Perspectives. *The 2nd International Conference on Cognitive Science and The 16th Annual Meeting of the Japanese Cognitive Society – Joint Conference*. Wasada University, Tokyo, Japan.
- Takahashi, Naoko.** (1998) The Perception of English Stress by Japanese Speakers. *28th Annual NYS TESOL Conference*. Adams Mark Hotel, Buffalo, NY.
- Yamakido, Hiroko.** (1999) Adjectives and scales in Japanese. *75th Annual Meeting of the Linguistics Society of America*. Westin Bonaventure Hotel, Los Angeles, CA.
- Zhou, Xuan.** (1998) Mandarin Negations as Negative Aspectual Elements. *The 29th Meeting of The North East Linguistics Society*. University of Delaware, Newark, DE.

❖ Post-Doctorates Obtained and Professional Appointments

- Citko, Barbara.** (1998) Visiting Scholar. Department of Linguistics and Philosophy, *Massachusetts Institute of Technology*, Cambridge, MA.
- Kappus, Martin.** (1999) Research Associate. *Institute for Research in Cognitive Science*, Philadelphia, PA.
- Saravanan, Bhavani.** (1999) Assistant Professor. Linguistics Department, *University of Utah*, Salt Lake City, UT.
- Zhou, Xuan.** (1998) Software Development. Advertising Department, *IDT Corporation*, Hackensack, NJ.

MANAGEMENT and POLICY

GRADUATE DIRECTOR: JEFF CASEY
DEPARTMENT CHAIR: TOM SEXTON

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

Goldenhar, Edith. (1999) An Organizational Assessment. *Creative Alternative of New York, Inc.*, New York, NY.

Hollander, KeriAnn. (1998) "Going the Distance." School of Nursing, *SUNY at Stony Brook*, Stony Brook, NY.

Huang, Yi-Wei. (1998) Internship report. Management Information Services Department, *Long Island State Veterans Home*, Long Island, NY.

Lettieri, Tina. (1998) Internship report. Product marketing Department, *Standard Microsystems Corp.*, Long Island, NY

Sharma, Shalini. (1998) Summer Internship report. Marketing Department, *Symbol Technology*, Holtzville, NY.

MATERIAL SCIENCES and ENGINEERING

GRADUATE DIRECTOR: ALEXANDER H. KING
DEPARTMENT CHAIR: MIKE DUDLEY

❖ Grants, Fellowships, and Awards

- Lima, Rogerio S.** (1998) Scholarship Award for Technical Excellence in the Progress of Thermal Spray, \$1,500. *International Thermal Spray Association, USA.*
- Londono, J.F.** (1998-1999) W. Burghardt Turner Fellowship, \$13, 500. *SUNY at Stony Brook, Stony Brook, New York.*

❖ Singly Authored Publications/Research Reports/Reviews

- Rangarajan, Srinivasan.** (1999) Adhesion of Plasma Sprayed Zirconia, a Preliminary Research Proposal. *Dept. of Material Science and Engineering, SUNY at Stony Brook, NY.*

❖ Jointly Authored Publications/Research Reports/Reviews

- Lima, Rogerio S.,** Senturk, U., Berndt, C.C., and Lima, C.R.C. (1999) Spraying Characteristics of Nanostructured Zirconia Particles. Conference Proceedings of the United Thermal Spray Conference. Lugscheider, E., and Krammer, P.A. Dusseldorf, Eds. Germany: Verlag fur Schweißen und verwandte Verfahren DVS – *Verlag GmbH*, P. 190-195.
- Lin, C.K., Senturk, U., **Lima, Rogerio S.,** Berndt, C.C., Shieh, J.C., and Lee, P.Y. (1999) Investigations of Thermal Barrier Coatings with Loading and Unloading to Various Stress Levels. Conference Proceedings of the United Thermal Spray Conference. Lugscheider, E., and Krammer, P.A., Eds. Dusseldorf, Germany: Verlag fur Schweißen und verwandte Verfahren DVS – *Verlag GmbH*, P. 809-814.
- Senturk, U., **Lima, Rogerio S.,** Berndt, C.C., Lin, C.K., and Lima, C.R.C. (1999) Processing and Mechanical Properties of Plasma Sprayed Thermal Barrier Coatings. Conference Proceedings of the United Thermal Spray Conference. Lugscheider, E., and Krammer, P.A., Eds Dusseldorf, Germany: Verlag fur Schweißen und verwandte Verfahren DVS – *Verlag GmbH*, P. 815-819.
- Senturk, U., **Lima, Rogerio S.,** Lima, C.R.C., and Berndt, C.C. (1998) Deformation of Plasma Sprayed Thermal Barrier Coating. *Journal of Engineering for Gas Turbines and Power*, New York, NY: American Society of Mechanical Engineers.
- Berndt, C.C., Lima, C.R.C., **Lima, Rogerio S.,** and Senturk, U. (June-1998) Spraying Characteristics of Nanostructured Zirconia Particles – Report 1. Presented to the *Office of Naval Research*. Arlington, VA, USA.
- Berndt, C.C., Lima, C.R.C., **Lima, Rogerio S.,** and Senturk, U. (September-1998) Spraying Characteristics of Nanostructured Zirconia Particles – Report 2. Presented to the *Office of Naval Research*. Arlington, VA, USA.
- Berndt, C.C., Lima, C.R.C., **Lima, Rogerio S.,** and Senturk, U. (December-1998) Spraying Characteristics of Nanostructured Zirconia Particles – Report 3. Presented to the *Office of Naval Research*. Arlington, VA, USA.

Berndt, C.C., Lima, C.R.C., **Lima, Rogerio S.**, and Senturk, U. (March-1999) Spraying Characteristics of Nanostructured Zirconia Particles – Report 4. Report (in preparation) to the *Office of Naval Research*. Arlington, VA, USA.

Williams, K.E., Hayes, A.V., Kleinberg, D.S., and **Londono, J.F.** (1999) New Data Storage Solutions Utilizing Reactive Ion Beam Etching With an RF-ICP Ion Source. *Data Technology*.

Rangarajan, Srinivasan., Chraska, T., and King, A.H. (1998) Poster on "Cracks In Plasma Sprayed YSZ Splats." *Emerging Opportunities in Thermal Spray Technology, An NSF Sponsored Symposium*. TSL, SUNY at Stony Brook.

❖ Abstracts, Conferences, Colloquia, Presentation, Symposiums, Workshops

Li, Wentao., Ge, S., Gersappe, D., Rafailovich, M., Sokolov, J., and Ko, G. (1999) Colloidal Interactions between PVA Stabilized Latex Particles. *APS Centennial*. Atlanta, GA.

Li, Wentao., Ge, S., Gersappe, D., Rafailovich, M., Sokolov, J., and Ko, G. (1998) Adhesion Force Measurement of Hydrolyzed PVA Using A Force Microscope. *MRS Fall Meeting*. Boston, MA.

Lima, Rogerio S., Senturk, U., Berndt, C.C., and Lima, C.R.C. (1999) Spraying Characteristics of Nanostructured Zirconia Particles. *United Thermal Spray Conference*. 17-19 March, Dusseldorf, Germany.

Lin, C.K., Senturk, U., **Lima, Rogerio S.**, Berndt, C.C., Shieh, J.C., and Lee, P.Y. (1999) Acoustic Emission Responses of Thermal Barrier Coatings during Four Point Bend Tests. *United Thermal Spray Conference*. 17-19 March, Dusseldorf, Germany.

Lin, C.K., Senturk, U., **Lima, Rogerio S.**, Berndt, C.C., Shieh, J.C., and Lee, P.Y. (1999) Investigations of Thermal Barrier Coatings with Loading and Unloading to Various Stress Levels. *United Thermal Spray Conference*. 17-19 March, Dusseldorf, Germany.

Londono, J.F., and Gambino, R.J. (1998) Ion Beam Assisted Deposition and Characterization of Ultrathin Nickel Films Via a Multisample Ellipsometric Technique. *Materials Research Society Fall 1998 Meeting*. Boston, Massachusetts, U.S.A.

Rangarajan, Srinivasan, and King, A.H. (1998) Poster on "Specimen Current Imaging." *Emerging Opportunities in Thermal Spray Technology, An NSF Sponsored Symposium*. TSL, SUNY at Stony Brook

Senturk, U., **Lima, Rogerio S.**, Berndt, C.C., Lin, C.K., and Lima, C.R.C. (1999) Processing and Mechanical Properties of Plasma Sprayed Thermal Barrier Coatings. *United Thermal Spray Conference*. 17-19 March, Dusseldorf, Germany.

Seo, Y.S., Shin, K.W., Rafailovich, M.H., Sokolov, J., Ade, H., Smith, A.P., Seeck, O., and Sinha, S. (1999) Phase segregation of PS and PMMA under confinement. *1999 Centennial Meeting of American Physical Society*. Atlanta, GA.

Seo, Y.S., Kim, M.W., Ou-Yang, D.H., and Peiffer, D.G. (1999) Aggregation phenomena of PS-PEO diblock copolymers in a water-THF mixed solvent system. *1999 Centennial Meeting of American Physical Society*. Atlanta, GA.

Williams, K.E., Kleinberg, D.S., and **Londono, J.F.** (1998) Consequences of Angular Dependence of Permalloy, Alumina, and Photoresist Thin Film Structures Using Reactive Ion Beam Etching (RIBE). *Head/Media Penang '98 Conference*. Penang, Malaysia.

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

Lima, Rogerio S. (1998-1999) Assistant Editor. *Journal of Thermal Spray Technology, C.C. ASM International*.
Materials Park, OH (journal subtopic: Discussion Topics and Threads on Thermal Spray).

❖ **Patents**

Williams, K.E., Druz, B.L., Hines, D.S., and **Londono, J.F.** (1999) *Reactive Ion Beam Etching Method and a Thin Film Head Fabricated Using the Method*. United States Patent Pending.

MATHEMATICS

GRADUATE DIRECTOR: LEON TAKHTAJAN
DEPARTMENT CHAIR: ANTHONY V. PHILLIPS

❖ Grants, Fellowships, and Awards

- Anjos, Silvia.** (1998/99) PRAXIS XXI Fellowship, \$20, 000 w/tuition. *Fundacao para a Ciencia e Tecnologia*, Lisbon, Portugal.
- Ben-Bassat, Oren.** (1998/99) Graduate Assistance in Areas of National Need Fellowship, \$15, 000. *U.S. Department of Education*, Washington, D.C.
- Coffey, Joseph.** (1998/99) Graduate Council Fellowship. *SUNY at Stony Brook*.
- Coffey, Joseph.** (1999) NSF Travel Award, \$1160. Mathematics Department, *SUNY at Stony Brook*, Stony Brook, NY.
- del-Rio, Heberto.** (1999) Chairman's Award for Excellence in Teaching by a Graduate Student Receiving a Ph.D., \$50. Mathematics Department, *SUNY at Stony Brook*
- Godinho, Leonor.** (1999) Bolsa de Doutorado Fellowship, \$4000. *Fundacao Luso-Americana Para o DesenVol. vimento*, Lisbon, Portugal.
- Godinho, Leonor.** (1999) Bolsas de Apoio a Investigacao Fellowship, \$11, 000. *Fundacao Calouste Gulbenkian*, Lisbon, Portugal.
- Gonye, Zsuzsanna.** (1998) Travel Award, \$300. *University of Tennessee*, Knoxville, Tennessee.
- Gonye, Zsuzsanna.** (1999) Simons Prize, \$500. Mathematics Department, *SUNY at Stony Brook*.
- Mandell, Stewart.** (1999) Simons Prize, \$500. Mathematics Department, *SUNY at Stony Brook*.
- McKenzie, Amy.** (1998/99) Graduate Council Fellowship, *SUNY at Stony Brook*.
- Perez, Rodrigo.** (1999) NSF Travel Award, \$165. Institute for Mathematical Sciences, *SUNY at Stony Brook*.
- Rasdeaconu, Rares.** (1998) NSF Travel Award, \$425. Mathematics Department, *SUNY at Stony Brook*.
- Rymov, Almas.** (1998/99) Bolashak Presidential Scholarship, \$11, 000 + tuition. *Department of Education*, Kazakstan.
- Santos, Pedro.** (1998) NSF Travel Award, \$775. Mathematics Department, *SUNY at Stony Brook*.
- Santos, Pedro.** (1998/99) Bolsa de Apoio a Investigacao Fellowship, \$10, 000. *Fundacao Calouste Gulbenkian*, Lisbon, Portugal.
- Santos, Pedro.** (1998/99) Bolsa de Doutorado, \$5, 000. *Luso-American Foundation for Development*, Lisbon, Portugal.
- Teo, Lee-Peng.** (1999) Chairman's Award for Excellence in Teaching by a First or Second Year Graduate Student, \$50. Mathematics Department, *SUNY at Stony Brook*.
- Van Hulse, Jason.** (1998/99) Graduate Assistance in Areas of National Need Fellowship, \$15, 000. *U.S. Department of Education*, Washington, D.C.

❖ Singly Authored Publications/Research Reports/Reviews

- Zakeri, Saeed.** (in press) Dynamics of cubic Siegel polynomials. *Communications in Mathematical Physics*.

Zakeri, Saeed. (in press) Biaccessibility in quadratic Julia sets. *Ergodic Theory and Dynamical Systems*.

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

Schleicher, Dierk, and **Zakeri, Saeed.** (in press) On biaccessible points in the Julia set of a Cremer quadratic polynomial. *Proceedings of AMS*.

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

Godinho, Leonor. (1999) Blowing Up on Symplectic Orbifolds. *AMS Meeting #941. Special Session on Symplectic Geometry and Topology*. University of Illinois, Urbana-Champaign, Illinois.

Herrera-Guzman, Haydee. (1999) Gromov Invariants of S^2 -bundles over 4-manifolds and its quantum cohomology. *Georgia Topology Conference*. Athens, Georgia.

Herrera-Guzman, Haydee. (1999) Gromov Invariants of S^2 -bundles over 4-manifolds. *AMS Meeting #941. Special Session on Symplectic Geometry and Topology*. University of Illinois, Urbana-Champaign, Illinois.

Perez, Rodrigo. (1998) Complex Dynamics. *Workshop in Dynamical Systems*. Abdus Salam International Center for Theoretical Physics, Trieste, Italy.

Perez, Rodrigo. (1999) Presentation of Video entitled Julia Sets. *Arkansas Springer Lecture Series*. University of Arkansas, Fayetteville, Arkansas.

Santos, Pedro. (1998) Algebraic Cycles and Homotopy Theory. *TQFT Seminar*. Instituto Superior Tecnico, Lisbon, Portugal.

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

Godinho, Leonor. (1999) Professor Auxiliar. Mathematics Department, *Instituto Superior Tecnico*, Lisbon, Portugal.

Herrera-Guzman, Haydee. (1999) Assistant Professor. Mathematics Department, *Tufts University*, Medford, Massachusetts.

Ordower, Marc. (1998) Visiting Assistant Professor. Mathematics Department, *Texas A and M University*, College Station, Texas.

Santos, Pedro. (1999) Visiting Assistant Professor. Department of Mathematics, *Texas A and M University*, College Station, Texas.

Zakeri, Saeed. (1999) Lectureship in Mathematics. Department of Mathematics, *University of Pennsylvania*, Philadelphia, Pennsylvania.

MECHANIAL ENGINEERING

GRADUATE DIRECTOR: FOLOUSO LADEINDE
DEPARTMENT CHAIR: FU-PEN CHIANG

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

Yun, Yanghi. (1999) Large Truck Noise and Vibration due to the Characteristic of Engineer and Cab Mounting. *SAE* Vol. 99C85.

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

Xydas, Nicholas, and Kao, I. (1999) Modeling of Contact Mechanics and Friction Limit Surface for Soft Fingers with Experimental Results. *IJRR*.

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

Alabi, Kehinde, Laddeinde, Foluso, and O' Brien Edward. (1999) ADNS Study Of The Effect Of Upstream Turbulence On Separating Boundary Layers. *37th AIAA Aerospace Sciences Meeting and Exhibition*. Reno, Nevada.

Alabi, Kehinde, and Laddeinde, Foluso. (1998) Direct Simulation of Geometry-Induced Turbulent Boundary Layer Separation. *American Physical Society Meeting, Division of Fluid Sciences*. Philadelphia, PA.

Xydas, Nicholas, and Kao, I. (1998) Modeling of Contact Mechanics with Experimental Results for Soft Fingers. *IROS*. Victoria, B.C., Canada.

MOLECULAR BIOLOGY and BIOCHEMISTRY

GRADUATE DIRECTOR: ERWIN LONDON

DEPARTMENT CHAIR: WILLIAM J. LENNARZ

❖ Grants, Fellowships, and Awards

Govek, Eve-Ellen. (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.

Gu, Ying. (1998) Excellence Research in Cellular Toxicology Award. *Society for In Vitro Biology*, Las Vegas, NV.

Gu, Ying. (1998) Sigma Xi Excellence in Research Award, Stony Brook Chapter.

Gu, Ying. (1998) Sigma Xi Travel Award, Stony Brook Chapter.

Lin, Shih-Chieh. (1998-1999) Rotary Ambassadorial Scholarship, *Rotary International*.

Melchor, J.P. (1998) Travel Award, \$1, 100. *6th International Conference on Alzheimer's Disease and Related Disorders, Organizing Committee.* Amsterdam, The Netherlands.

Porter, Margaret. (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.

Rai, Alex. (1998) Travel Award. *American Society of Cell Biology*.

Rosconi, Michael. (1999-2000) National Institute of Health Training Grant, \$12, 000. Bethesda, MD.

❖ Jointly Authored Publications/Research Reports/Reviews

Asch, William, Leake, Devin, Canger, A.K., Passini, M.A., Argeuton, F., and Schechter, N. (1998) Cloning of zebrafish neurofilament proteins plasticin and gefiltin: Increased mRNA expression in ganglion cells after optic nerve crush. *J. Neurochem.* 71: 20-32.

Van Nostrand, W., **Melchor, J.P.**, and Ruffini, L. (1998) Pathologic amyloid beta protein cell surface fibril assembly on cultured human cerebrovascular smooth muscle cells. *J. Neurochem.* 70 (1), 216-223.

Spector, S., **Rosconi, Michael,** and Raleigh, D.P. (1999) Conformational analysis of peptide fragments derived from the pyruvate dehydrogenase muttienzyme complex of *Bacillus stearothermophilus*: Evidence of nonrandom structure in the unfolded state. *Biopolymers* 49: 29-40.

Weber, J.D., **Taylor, Laura,** Roussel, M.F., Sherr, C.J., and Bar-Sagi. (in press) D. Nuclear ARF sequesters Mdm2 and activates. *Nat. Cell Biol.* 1: 53.

Reaven, E., Lua, Y., Nomoto, A., **Temel, R.**, Williams, D.L., van der Westhuyzen, D.R., and Azhar, S. (1999) The selective pathway and a high-density lipoprotein receptor (SR-BI) in ovarian granulosa cells of the mouse. *Biochimica et Biophysica Acta* 1436: 565-576.

Reaven, E., Nomoto, A., Leers-Sucheta, S., **Temel, R.**, Williams, D.L., Azhar, S. (1998) Expression and microvillar localization of scavenger receptor, class B, type I (a high density lipoprotein receptor) in luteinized and hormone-desensitized rat ovarian models. *Endocrinology* 139(6): 2847-2856.

Heagy, W., **Teng, E.**, Lopez, P., and Finberg, R.W. (1999) Enkephalin receptors and receptor-mediated signal transduction in cultured human lymphocytes. *Cell. Immunol* 19I: 34-48.

Marshall, W.L., Datta, R., Hanify, K., **Teng, E.**, and Finberg, F.W. (1999) U937 cells overexpressing bcl-xl are resistant to human immunodeficiency virus-1-induced apoptosis and human immunodeficiency virus-1 replication. *Virology* 256: 1-7.

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

- Asch, William S.**, and Schechter, N. (1998) Effects of EBS mutations on assembly of zebrafish plasticin and gefiltin in SW13 Vim⁺ cells. *Gordon Conference on Intermediate Filaments*. Holderness, NH.
- Chu, Tehyen**, Henrion, G., Gergen, J.P. and Strickland, S. (1999) Cloning of cortex, a gene that is required for the initiation of early embryo development. Poster presentation at the 40th Annual *Drosophila Research Conference*, Bellevue, WA.
- Gu, Ying**, Roemer, E., and Simon, S. (1998) New therapeutic implications for tetracyclines: Their role in protecting extracellular matrix breakdown mediated by tumor cells. *Annual Meeting of the Society for In Vitro Biology*. Las Vegas, NV.
- Lee, H., **Gu, Y.**, Simon, S. and Golub, L. (1998) Tetracyclines diminish inflammatory cell-mediated destruction of connective tissue by multiple mechanisms. *Annual Meeting of the American Assoc. of Dental Research*. Minneapolis, MN.
- Melchor, J.P.**, and Van Nostrand, W.E. (1998) The serpin-enzyme complex (SEC) peptide mimics the cytotoxic effects of pathogenic forms of amyloid- β (A β) peptide on cultured human cerebrovascular smooth muscle cells. *The 6th International Conference on Alzheimer's Disease and Related Disorders*. Amsterdam, The Netherlands.
- Melchor, J.P.**, and Van Nostrand, W.E. (1999) Pathologic interaction between fibrillar amyloid- β (A β) and the amyloid- β precursor protein (A β PP) on cultured human cerebrovascular smooth muscle cells. *Keystone Symposia Conference on Molecular Mechanisms of Alzheimer Disease*. Taos, NM.
- Rai, Alex**. (1998) Identification and characterization of a novel tropomyosin binding protein in nonmuscle cells. *38th Annual American Society of Cell Biology Meeting*, San Francisco, CA.

❖ Post-Doctorates Obtained and Professional Appointments

- DeMattos, Ronald** (1999) Post-Doctoral Fellow with Dr. David Williams. Department of Pharmacological Sciences, *SUNY at Stony Brook*.
- Joneson, Thomas**. (1999) Post-Doctoral Fellow. Hormone Research Institute, University of California, San Francisco, San Francisco, CA.
- Park, Chong-yon**. (1999) Post-Doctoral Fellow with Dr. Gerald Thomsen. Department of Biochemistry and Cell Biology, *SUNY at Stony Brook*.

MOLECULAR MICROBIOLOGY

PROGRAM DIRECTOR: PATRICK HEARING
DEPARTMENT CHAIRMAN: ECKARD WIMMER

❖ Grants, Fellowships, and Awards

Dodard, Marcell. (1998-2002) W. Burghardt Turner Fellow.

Figuroa, Jonine. (1998-2002) W. Burghardt Turner Fellow.

Palmer, Lance E. (1998) Abrahams Award for Outstanding Scientific Achievement by a Graduate Student, \$300. *Department of Molecular Genetics and Microbiology, SUNY at Stony Brook, Stony Brook, New York.*

Palmer, Lance E. (1999) ASM Student Travel Grant Award, \$400. *American Society for Microbiology, Washington, D.C.*

Zou, Lee. (1998) Abrahams Award for Outstanding Scientific Achievement by a Graduate Student, \$300. *Department of Molecular Genetics and Microbiology, SUNY at Stony Brook, Stony Brook, New York.*

❖ Jointly Authored Publications/Research Reports/Reviews

Boriack-Sjodin, P.A., **Margarit, Steluta Mariana**, Bar-Sagi, D., and Kuriyan, J. (1998) The structural basis of the activation of Ras by Sos. *Nature* 394: 337-347.

Corbalan-Garcia, S., **Margarit, Steluta Mariana**, Galron, D., Yang, S.S., and Bar-Sagi, D. (1998) Regulation of Sos activity by intramolecular interactions. *Molecular and Cellular Biology* 18: 880-886.

Liu, Qiong and Hengartner, M.O. (1998) Candidate adaptor protein CED-6 promotes the engulfment of apoptotic cells in *C. elegans*. *Cell* 93: 961-972.

Palmer, Lance E., Pancetti, A.R., Greenberg, S., and Bliska, J.B. (1999) YopJ of *Yersinia* sppis sufficient to cause downregulation of multiple mitogen-activated protein kinases in eukaryotic cells. *Infection and Immunity* 67: 708-716.

Zhao, W.D., Wimmer, E., and Lahser, F.C. (1999) Poliovirus/Hepatitis C virus (Internal ribosomal entry site-core) chimeric viruses: Improved growth properties through modification of proteolytic cleavage site and requirement for core RNA sequences but not for core-related polypeptides. *Journal of Virology* 73: 1546-1554.

Zou, Lee and Stillman, B. (1998) Formation of a pre-initiation complex by S-phase cyclin CDK-dependent loading of Cdc45p onto chromatin. *Science* 280: 593-596.

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

Dosil, M., Dube, P., **Parrish, William**, and Konopka, J.B. (1998) Genetic analysis of alpha-factor receptor activation. *1998 Yeast Genetics and Molecular Biology Meeting*. Baltimore, Maryland.

Palmer, Lance E., Hobbie, S., Galán, J.E., and Bliska, J.B. (1998) YopJ of *Yersinia psuedotuberculosis* is required for inhibition of macrophage TNFalpha production and downregulation of the MAP kinases p38 and JNK. *98th General Meeting for the American Society for Microbiology*. Atlanta, Georgia.

Mueller, Steffen, Gromeier, M., Li, X., and Wimmer, E. (1998) Ires Mediated Cell-Specific Translation and Replication Phenotype of Poliovirus Replicons. *American Society for Virology 17TH Annual Meeting*. University of British Columbia, Vancouver, BC, Canada.

Lahser, F.C., **Zhao, W.D.**, and Wimmer, E. (1998) Genetic Studies of a Poliovirus Under the Translational Control of the Hepatitis C Internal Ribosome Entry Site. *Sixth Cold Spring Harbor Conference on Translational Control*. Cold Spring Harbor, New York.

Zhao, W.D., Lahser, F., and Wimmer, E. (1999) Genetic Analysis of the Internal ribosomal Entry Site (IRES) of Hepatitis C Virus in a Poliovirus Chimera: Effect of the Context of the IRES and Analyses of Structural Elements. *American Society for Virology, 18th Annual Meeting*. University of Massachusetts.

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

DeMattei, Cordell. (1998) Post-Doctoral Fellow. *Fred Hutchinson Cancer Research Center*, Seattle, Washington.

Dowling, William. (1999) Post-Doctoral Fellow. *Walter Reed Hospital*, Washington, D.C.

Eichelberg, Katrin. (1999) Post-Doctoral Fellow. *National Institutes of Health*, Bethesda, Maryland.

Palmer, Lance E. (1999) Post-Doctoral Fellow. Department of Immunology and Howard Hughes Medical Institute, *University of Washington*, Seattle, Washington.

Tucker, Stephanie L. (1999) Post-Doctoral Fellow. Department of Medicine, *Albert Einstein College of Medicine*, Bronx, New York.

MUSIC

GRADUATE DIRECTOR: PETER WINKLER
DEPARTMENT CHAIR: DAVID LAWTON

❖ Grants, Fellowships, and Awards

- Bain, Jennifer.** (1999) Sarah Jane Williams Prize. *International Machaut Society*.
- Barg, Lisa.** (1999) AMS 50 Dissertation Fellowship. *American Musicological Society*.
- Berry, Mark.** (1999) Doctoral Fellowship. *Social Sciences and Humanities Research Council of Canada*.
- Boyd, Kate.** (1999) J. William Fulbright Foundation Scholarship.
- Chung, Suna.** (1999) Summer Teaching Institute Fellowship. *Johns Hopkins University*, Baltimore, MD.
- Koontz, Daniel.** (1999) Special Award. *American Society of Composers, Authors, and Publishers (ASCAP)*.
- Liao, Dale.** (1999) Winner, Five Towns Competition. New York.
- Locke, Brian.** (1999) Doctoral Fellowship. *Social Sciences and Humanities Research Council of Canada*
- Moon, Ho Sun.** (1998) Third Prize, Berkeley International Bach Harpsichord Competition. *Berkeley Early Music Festival*, Berkeley, CA.
- Morkowski, Molly.** (1999) J. William Fulbright Foundation Scholarship for apprenticeship with *Ensemble Intercontemporain*, Paris, France.
- Park, Soung-Hee.** (1998) Fellowship. *Tanglewood Music Festival*.
- Sharett, Gili.** (1998-99) Scholarship. *American Israeli Cultural Foundation*.
- Sharett, Gili.** (1999) Fellowship. *Banff Summer Music Festival*.
- Song, Min-Young.** (1999) Fellowship. *Tanglewood Music Festival*.

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

- Berry, Mark.** (1999) "Music, Postmodernism, and George Rochberg's Third String Quartet" *Music and Postmodernism Conference*. SUNY Stony Brook.
- Berry, Mark.** (1999) "Disruption and Disintegration in Arnold Schoenberg's *Drei Klavierstuecke*, Op. 11 no.1" *CUNY Graduate Students in Music Conference*. City University of New York, New York, N.Y.
- Cateforis, Theo.** (1998) "Alternative to What? Issues of Style and Genre in Popular Music Studies" *International Association for the Study of Popular Music – U.S. Chapter*. University of California, Los Angeles. *American Musicological Society* (Greater New York Chapter).
- Cateforis, Theo.** (1999) "Welcome to Poptopia: Power Pop and the Mining of Rock's Past" *Musical Borrowing from the Middle Ages to the Present*. Crane School of Music, Potsdam, NY.
- Hanley, Jason.** (1999) "Natural Born Killers: Music and Image in Postmodern Film" *Music and Postmodernism Conference*. SUNY at Stony Brook.
- Hanley, Jason.** (1999) "NEO GEO: Ryuichi Sakamoto and the Globalization of Music" *International Association for the Study of Popular Music* (Canadian Chapter). Brock University.

Heuermann, Beryl Lee. (1998) Colloquium: "Metallize, Liquefy, Vegetalize, Petrify, and Electrify the Voice: Extended Vocal Techniques in the Twentieth Century." *Society of Composers, Inc., Region VIII Conference*. University of Montana, Missoula, Montana.

Lowenstern, Michael. (1999) Master class and workshop. *Conversations with a Composer* series. Christopher Newport University, Newport News, Virginia.

❖ Post-Doctorates Obtained and Professional Appointments

Bell, Jeremy. (1998) Member. *Penderecki String Quartet*.

Bell, Jeremy. (1998-99) Faculty. Department of Music, *Wilfred Laurier University*, Waterloo, Ontario.

Cheng, Wai. (1998-99) Lecturer. Music Department, *Chinese University of Hong Kong*, Hong Kong.

Goeser, Amy. (1998) Assistant Professor of Oboe. *Wichita State University*, Wichita, KS.

Goeser, Amy. (1998) Principal Oboe. *Wichita Symphony*, Wichita, KS.

Gregorian, Ara. (1998) Assistant Professor. School of Music, *Eastern Carolina University*, Greenville, N.C.

Horgan, Maureen. (1998-1999) Faculty. *New England Conservatory Preparatory School*, Boston, Massachusetts.

Horgan, Maureen. (1999) Chair. Pedagogy Committee *International Trombone Association*.

Horgan, Maureen. (1998-1999) Principal trombone. *Masterworks Chorale*, Boston, MA.

Horgan, Maureen. (1998-1999) Principal trombone. *Nashua Symphony*, Nashua, N.H.

Jeter, James. (1998-99) Principal bassoon. *St. Cecelia Orchestra*, New York City, N.Y.

Jeter, James. (1998-99) Principal bassoon. *Westfield Symphony*, Westfield, N.J.

Jeter, James. (June 27-July 3, 1999) Faculty. *Summertrios Music Festival*, Bethlehem, PA.

Keathley, Elizabeth. (1999) Assistant Professor. Music *University of Tennessee*, Knoxville, Tennessee.

Rosado, Ana Maria. (1998) Assistant Professor. Music *Jersey City State College*, Jersey City, N.J.

Sharett, Gili. (1998-99 season) Principal bassoon. *Jupiter Symphony*, New York City.

Wolf, William. (1998-99) Visiting Assistant Professor. Department of Music, *Eastern Washington University*, Cheney, WA.

❖ Exhibitions/Performances

Browder, Zoe. (2000) Debut Recital. *Artists International*, Carnegie-Weil Recital Hall, New York, N.Y.

Hanley, Jason. (1999) "Factor E, for Tape Alone." *Society for Electro-Acoustic Music in the United States*.

Hanley, Jason. (1999) "Factor E, for Tape Alone." *Tape Music at Buffalo University*.

Heuermann, Beryl Lee. (1998) "Go Traveling With Us" for voice and electronics. *Society of Composers, Inc., Region VIII Conference*, University of Montana, Missoula, Montana.

Jeter James. (1999) Principal bassoon. *Ravinia Ensemble*, concerts on Chesu Island, South Korea.

Jeter, James. (1999) Leader of Virtuosi Quintet. *Twentieth Century Unlimited* concert series, Santa Fe, NM.

Kim, Man-Gyu. (1999) Conductor of Gloria Chamber Choir – *Christian Press International Conference*, Tokyo, Japan.

Kim, Man-Gyu. (1999) Soloist, Beethoven, Symphony no. 9. *Green Bay Symphony Orchestra*, Green Bay, WI.

- Kim, Man-Gyu.** (1999) Soloist, Beethoven, Symphony no. 9. *Abilene Philharmonic Orchestra*, Abilene, Texas.
- Kim, Man-Gyu.** (1999) Soloist, Haydn "The Creation" *Baroque Orchestra of Seoul*, Seoul, Korea.
- Koci, Charles.** (1998) "Partially Electronic Shapeshifter." *Society of Composers, Inc., Region II Conference*, SUNY Stony Brook.
- Kokolus, Barbara.** (1998) Recital. *Autumn Concert Series*, Spencertown, N.Y.
- Kokolus, Barbara.** (1999) Recital. *Little Falls Women's Club*, Little Falls, N.J.
- Koontz, Daniel.** (1998) "Trellis" for chamber ensemble *ISCM World Music Days*, Bucharest, Romania.
- Koontz, Daniel.** (1999) "In the Valley of Kings" for computer-generated tape. *Tape Music at Buffalo University*.
- Koontz, Daniel.** (1998) "Trellis" for chamber ensemble. *Music 98*, Cincinnati College-Conservatory of Music.
- Koontz, Daniel.** (1998) "Trellis" for chamber ensemble. *Society of Composers, Inc., Region II Conference*. SUNY at Stony Brook.
- Koontz, Daniel.** (1998) "Trellis" for chamber ensemble. *Summerarts Composers Workshop*. California State University, Long Beach, CA.
- Parcell, John.** (1998) "unvoice" for two horns and piano. *Society of Composers, Inc., Region II Conference*, SUNY at Stony Brook.
- Park, Soung-Hee.** (1999) Solo recital. *Seoul Music and Art Center*, Seoul, Korea.
- Rosado, Ana Maria.** (1998) Concert in honor of Federico Garcia Lorca. *Comision Nacional de los Actos Conmemorativos del Centenario del Nacimiento de Federico Garcia Lorca*, Andres Bello Auditorium, Inter-American Development Bank, Washington D.C.
- Rosado, Ana Maria.** (1998) Recital. *Meet the Virtuoso* series, 92nd St. "Y." New York, N.Y.
- Sharett, Gili.** (1999) Solo recital. *Israeli Philharmonic Guest House*, Jerusalem, Israel.
- Sharett, Gili.** (Aug.-Sept., 1999) Tour with Israel Philharmonic.

❖ Recordings

- Hanley, Jason** (1998) *Of Earth and Sky* by *Spirit Level*, performed (keyboards, percussion) and songwriting. Neurodisc/Priority Records.

NEUROBIOLOGY and BEHAVIOR

GRADUATE DIRECTOR: JOE FETCHO
DEPARTMENT CHAIR: LORNE MENDELL

❖ Grants, Fellowships and Awards

- Demarest, K.** (1998) NIH fellowship, \$16, 110. *National Institute on Alcohol Abuse and Alcoholism*, Bethesda, Maryland.
- Coburn-Litvak, P.S.** (1998) NIH Predoctoral Training Grant in Neurobiology and Behavior. Bethesda, Maryland
- Coburn-Litvak, P.S.** Graduate Traineeship in the Design and Supervision of Undergraduate Research Projects under Project WISE (Women in Science and Engineering, received academic credit in lieu of funds). *National Science Foundation*, Arlington, Virginia.
- Finley, S.K.** (1998) NIH Predoctoral Training Grant in Neurobiology and Behavior. Bethesda, Maryland.
- Kim, Sandra.** (1999) Elected to associate membership in *Sigma Xi*.
- Segal, Nadav.** (1998) NIH Predoctoral Training Grant in Neurobiology and Behavior. Bethesda, Maryland.
- Venkatesan, Charu.** (1998) NIH Predoctoral Training Grant in Neurobiology and Behavior. Bethesda, Maryland.
- Venkatesan, Charu.** (1999) Individual Predoctoral NRSA for M.D./Ph.D. Fellowship. *NIMH*.

❖ Jointly Authored Publications/Research Reports/Reviews

- Demarest, K.**, Hitzemann, B., Mahjubi, E., McCaughran, J. Jr., and Hitzemann, R. (1998) Further Evidence that the Central Nucleus of the Amygdala is Associated with the Ethanol-Induced Locomotor Response. *Alcoholism: Clinical and Experimental Research* 22(7): pp. 1531-1537.
- Demarest, K.**, McCaughran, J. Jr., Mahjubi E., Cipp, L., and Hitzemann, R. (1999) Identification of an Acute Ethanol Response Quantitative Trait Locus on Mouse Chromosome 2. *Journal of Neuroscience* 19 (2): pp. 549-561.
- Demarest, K.**, Hitzemann B., Phillips T.J., Hitzemann R. (1999) Ethanol-Induced Activation of C-fos Differentiates the Fast and Slow Selected Lines of Mice. *Alcoholism: Clinical and Experimental Research* 23 (1): pp. 87-95.
- Hitzemann R., Cipp L., **Demarest, K.**, Mahjubi E., McCaughran, J. Jr. (1998) Genetics of Ethanol-Induced Locomotor Activation: Detection of QTLs in a C57BL/6J x DBA/2JF2 Intercross. *Mammalian Genome* 9: 956-962.
- Finley, S.K.**, and Kritzer, M.F. (In Press) Immunoreactivity for intracellular androgen receptors in identified subpopulations of neurons, astrocytes and oligodendrocytes in primate prefrontal cortex. *Journal of Neurobiology*.
- Patel, N.V.**, Hitzemann, B., Hitzemann R., (1998) Genetics, Haloperidol, and the Fos response in the basal ganglia: A comparison of the C57BL/6J and DBA/2J inbred mouse strains. *Neuropsychopharmacology* 18: 480-491.
- Shi, Wenmei**, Wang, Hong-Sheng, **Pan, Zongming**, Wymore, Randy S., Cohen, Ira S., McKinnon, David, and Dixon, Jane E. (1998) Cloning of a mammalian elk potassium channel gene and EAG mRNA distribution in rat sympathetic ganglia. *Journal of Physiology* 511.3: pp. 675-682.

Wang, Hong-Sheng, **Pan, Zongming, Shi, Wenmei**, Brown, Barry S., Wymore, Randy S., Cohen, Ira S., Dixon, Jane E., and McKinnon, David. (1998) KCNQ2 and KCNQ3 Potassium Channel Subunits: Molecular Correlates of the M-Channel. *Science* Vol. 282: pp. 1890-1893.

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

Boiko, T., Echevarria, M., Toledo-Aireal, J.J., and Matthews, G. (1998) Selective induction of the Ret1 sodium channel in PC 12 cells expressing an activated ras oncoprotein." *Annual meeting for the Society for Neuroscience*, Los Angeles, California.

Buckmaster, C.A., Eichenbaum, H., Amaral, D.G., Suzuki, W.A., and Rapp, P.R. (1998) "Entorhinal Cortex Lesions Severely Impair Flexible Memory Expression in Monkeys." *Annual meeting of the Society for Neuroscience*, Los Angeles, California.

Baek, D., Rapp, D., **Coburn-Litvak, P.S.**, McClosky, D., Anderson, B. (1998) Exercise Influences Spatial Memory as tested in the 8-arm Radial Maze. *Annual meeting of the Society for Neuroscience*. Los Angeles, California.

Demarest, K., Koyner, J., McCaughran J. Jr., Hitzemann, R. (1999) Further Studies of a Major QTL for Ethanol-Induced Locomotor Activity on Mouse Chromosome 2. *Research Society on Alcoholism*. Santa Barbara, California.

Finley, S.K., Buckmaster, C.A., Collins, W.F. III, and Kritzer, M.F. (1998) Heterogeneous populations of androgen receptor-immunopositive cells in primate prefrontal cortex. *Annual Meeting of the Society for Neuroscience*. Los Angeles, California.

Henriquez, V.M., Schicatano, E.J., and Evinger, C. (1998) Responses of the trigeminal reflex blink circuit to light: innocuous or photo phobic? *Annual Meeting of the Society for Neuroscience*. Los Angeles, California.

Schicatano, E.J., **Henriquez, V.M.**, and Evinger, C. (1998) Prozac prevents the development of a cranial dystonia. *Annual Meeting of the Society for Neuroscience*. Los Angeles, California.

Patel, N.V., Cipp L., Mahjubi E., McCaughran, J. Jr., Hitzemann, R. (1998) Quantitative-trait loci mapping for haloperidol-induced catalepsy in the C57BL/6J X DBA/2J F2 population. *Annual Meeting of the Society for Neuroscience*. Los Angeles, California.

Tong, Jiayuan, Guo, F.H., and Zhong, Y. Biochemical and behavioral effects of acutely induced over expression of beta-amyloid precursor protein (APP)-like protein in Drosophila. *Annual Meeting of the Society for Neuroscience*. Los Angeles, California.

Venkatesan, C. and Kritzer, M.F. (1998) Intrinsic, associational, and callosal circuits develop independently of gonadal hormone influence in rat motor and visual cortices. *Soc. Neurosci.* Abstract. 518.7

Li, Zheng, Van Aelst, Linda, and Cline, Hollis T. (1999) Rac1 Regulates Dynamics of Dendritic Branches in Vivo *Keystone Symposium on Molecular and Cellular Biology*. The Functions of Small GTPases, Sante Fe, New Mexico.

Li, Zheng, Van Aelst, Linda, and Cline, Hollis T. (1999) Rac1 Regulates Dynamics of Dendritic Branches in Vivo *Learning and Memory Meeting*, April 28-May 2. Cold Spring Harbor.

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

Shi, Wenmei. (1998) Post-Doctorate Appointment. Department of Physiology and Biophysics, *SUNY at Stony Brook*, Stony Brook, New York.

ORAL BIOLOGY and PATHOLOGY

GRADUATE DIRECTOR: BILL KAUFMAN AND LORNE TAICHMAN
DEPARTMENT CHAIR: ISRAEL KLEINBERG

❖ Grants, Fellowships, and Awards

Andriani, F. (1998-200) Veterans Administration Fellowship In Dental Research.

Andriani, F. (1998) Cellular Toxicology Award, \$500.00. *Society for In Vitro Biology*.

❖ Jointly Authored Publications/Research Reports/Reviews

Jurukovski, V., and Simon, M. (1999) Reduced lecithin: Retinol acyl transferase activity in cultured squamous cell carcinoma lines results in increased substrate-driven retinoic acid synthesis. *Biochimica et Biophysica Acta*, 1436 (3): 479-490.

Jurukovski, V., Markova, N.G., Karaman-Jurukovska, N., Randolph, R.K., Su, J., Napoli, J.L., and Simon, M. (1999) Cloning and characterization of retinol dehydrogenase transcripts expressed in human epidermal keratinocytes. *Molecular Genetics and Metabolism*.

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

Andriani, F., Li, H., Vaccariello, M., Fusenig, N., and Garlick, J. (1999) The role of fibroblasts in early neoplastic progression in a tissue model of premalignancy. Meeting of the *Society for In Vitro Biology*. New Orleans, LA.

Jurukovski, V., and Simon, M. (1998) Altered retinol metabolism in squamous cell carcinoma results in increased retinoic acid synthesis. *FASEB Summer Conference on Retinoids*. Aspen, CO.

Jurukovski, V., and Simon, M. (1998) Difference in the retinol metabolism in squamous cell carcinoma cell lines, Therapeutic implications. *Experimental Biology*. San Francisco, CA.

Jurukovski, V., and Simon, M. (1998) Retinol metabolism alteration in squamous cell carcinoma and possible therapeutic implications. *International Investigative Dermatology*. Cologne, Germany.

Jurukovski, V., and Simon, M. (1999) EGF receptor signaling modulates vitamin A metabolism in cultures of normal and malignant keratinocytes. *The Society for Investigative Dermatology Annual Meeting*. Chicago, IL.

Liu, Y., Llavanas, A., Ramamurthy, N.S., Ryan, M.E., Rakhman, S., Sorsa, T., Teronen, O., Salo, T. and Golub, L.M. (1999) LPS-induced periodontitis in rats: response to CMT-8/Bisphosphonate combination therapy. *International Association for Dental Research*. Vancouver, Canada.

Markova, N., **Jurukovski, V.,** Randolph, R.K., Napoli, J., and Simon, M. (1998) Cloning and characterization of a member of the human retinol dehydrogenase (RoDH) gene family expressed in skin. *Experimental Biology*. San Francisco, CA.

Vaccariello, M., Kolodka, T., Wang, Y., Fusenig, N.E., and Garlick, J.A. (1999) Neoplastic progression is determined by the stage of transformation of premalignant keratinocytes. *American Association for Cancer Research*, 90th Annual Meeting. Philadelphia, PA.

CELLULAR and MOLECULAR PATHOLOGY

GRADUATE DIRECTOR: JAMES QUIGLEY
DEPARTMENT CHAIR: FREDERICK MILLER

❖ Grants, Fellowships, and Awards

- Gomez, Dolores.** (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Hossain, Munfarah.** (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Seandel, Marco.** (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Wagner, Matthew.** (1999) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.

❖ Jointly Authored Publications/Research Reports/Reviews

- Gebbia, Joseph,** Garcia Monco, J.C., Degen, J.L., Bugge, T.H., and Benach, J.L. (1999) The plasminogen activation system enhances brain and heart invasion in murine relapsing fever borreliosis. *J. Clinical Invest* 103: 81-87.
- McDonald, Christine,** and Reich, N.C. (1999/in press.) Cooperation of the transcriptional coactivators CBP and p300 with Stat6. *J. Interferon and Cytokine Res.*
- Niu, J.O., Munshi, U.K., **Siddiq, M.M.,** and Parton, L.A. (1998) Early increase in endothelin-1 in tracheal aspirates of preterm infants: Correlation with bronchopulmonary dysplasia. *J. Peds.* 132(6): 965-970.

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

- Varlam, D.E., **Siddiq, M.M.,** and Parton, L.A. (1998) Insulin-like growth factor I (IGF-I) prevents amphotericin B (AmpB)-induced apoptosis (AP) in the rat kidney. Poster presentation at *The Society of Pediatric Research.* New Orleans, LA.
- Siddiq, M.M.,** and Parton, L.A. (1998) Optimization of the in vitro transfection of A549 cells utilizing cationic liposomes. Slide presentation at *The Eastern Society of Pediatric Research.* Atlantic City, NJ.
- Siddiq, M.M.,** and Parton, L.A. (1998) Hypomethylated DNA (HypoDNA) augments expression following non-viral transfection of A549 cells. Poster presentation at the *American Society of Gene Therapy.* Seattle, WA.
- Batra, S., **Siddiq, M.M.,** and Parton, L.A. (1999) Serum inhibits dexamethasone-induced apoptosis in DAOOY medulloblastoma. Poster presentation at *The Society of Pediatric Research.* San Francisco, CA.
- Schneider, H.E., **Siddiq, M.M.,** and Parton, L.A. (1999) Endotoxin-induced hepatic effects during sepsis-mediated by apoptosis or necrosis. Poster presentation at *The Society of Pediatric Research.* San Francisco, CA.
- Selamet, S.E., **Siddiq, M.M.,** Varlam, D.E., and Parton, L.A. (1999) Induction of apoptosis in human proximal kidney cells following exposure to amphotericin B. Poster presentation at *The Society of Pediatric Research.* San Francisco, CA.

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

Canger, Anthony. Post-Doctorates Fellow with Dr. Urs Rutishauser. *Memorial Sloan Kettering Cancer Center*, New York, NY.

PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: JOANNE ENGBRECHT
DEPARTMENT CHAIR: ARTHUR P. GROLLMAN

❖ Grants, Fellowships, and Awards

Chen, Bin. (1998) Van der Kloot Award for Excellence in Research in the Graduate Program in Molecular and Cellular Pharmacology, \$500.

Chen, Bin. (1998-1999) Institute for Cell and Developmental Biology Predoctoral Fellowship, \$16,000. *SUNY at Stony Brook*, Stony Brook, NY.

Levine, Robert. (1998) Van der Kloot Award for Excellence in Teaching in the Graduate Program in Molecular and Cellular Pharmacology, \$500.

Levine, Robert. (1999-2001) Pharmaceutical Research and Manufacturer's of America (PhRMA) Predoctoral Fellowship in Pharmacology \$25,000.

Pang, Maria. (1997-2000) Minority Research Fellowship, \$3,000. *NIH*.

Perez-Jannotti, Romina. (1996 - 2000) W. Burghardt Turner Fellow.

Siao, Chia-Jen. (1998 -1999) National Science Foundation Graduate Research Honorable Mention Recipient.

❖ Jointly Authored Publications/Research Reports/Reviews

Chen, B., Chu, T., Harms, E., Gergen, J.P., and Strickland, S. (1998) High resolution mapping of *Drosophila* mutations by P element induced site-specific male recombination. *Genetics* 149: 157-163.

Morris, A.J., **Hammond, Scott M.**, Roberts, R. Siorra, V., Jenco, J.M., Colley, C., Sung, T.-C., Altschuller, Y., and Frohman, M.A. (1998) Phosphatidylcholine signaling: Roles and regulation of phospholipase D and phosphatidic acid phosphohydrolase. *Naunyn-Schmiedeberg's Archives of Pharmacology* 358: (1) R573-R573, Suppl. 2.

Morris, A.J., **Hammond, Scott M.**, Colley, C., Sung, T.-C., Altschuller, Y., and Frohman, M.A. (1998) Regulation and functions of phospholipase D. *Biochemical Soc. Trans.* 25 (4): 1151-1157.

Kuhlman, T.C., Cho, H., Reinberg, D., and Hernandez, N. (1999) The general transcription factors IIA, IIB, IIF, and IIE are required for RNA polymerase II transcription from the human U1 snRNA promoter. *Mol. Cell. Biol.* 19: 2130-2141

Connelly, M.A., **Klein, S.**, Azhar, S., Abumrad, N.A., and Williams, D.L. (1999) Comparison of class B scavenger receptors, CD36 and SR-BI, shows that both receptors mediate HDL-cholesteryl ester selective uptake but SR-BI exhibits a unique enhancement of cholesteryl ester uptake. *J. Biol. Chem.* 274: 41 - 47.

Gening, L, Takeshita, M., **Levine, Robert L.**, Peden, K., and Grollman, A.P. (1998) Extra-chromosomal Unequal Homologous Recombination and Gene Conversion in Simian Kidney Cells: Effects of UV Damage. *Mutation Res.* 407: 11-24.

Morrison, Debra J., Pendergrast, P.S., Stavropoulos, P., Colmenares, S.U., Kobayashi, R., and Hernandez, N. (1999) FBI-1, a factor that binds to the HIV-1 inducer of short transcripts (IST), is a POZ domain protein. *Nucleic Acids Res.* 27: 1251-1262.

Roberts, Roy, Sciorra, V.A., and Morris, A.J. (1998) Human type-2 phosphatidic acid phosphohydrolases. *J. Biol. Chem.* 273: 22059-22067.

- Morris, A.J., Hammond, S.M., **Roberts, Roy**, Siorra, V., Jenco, J.M., Colley, C., Sung, T.C., Altschuller, Y., and Frohman, M.A. (1998) Phosphatidylcholine signaling: Roles and regulation of phospholipase D and phosphatidic acid phosphohydrolase. *Naunyn-Schmiedeberg's Archives of Pharmacology* 358: (1) R573-R573, Suppl. 2.
- Neville, C.M., Choe, Y.-H., Lee, Y.-S., **Spinner, Daryl**, and Schmidt, J. (1998) The E protein CTF4 and Acetylcholine Receptor Expression in Development and Denervation Supersensitivity. *J. Biol. Chem.* 273: 14046-14052.
- Morris, A.J., Hammond, S.M., Colley, C., **Sung, Tsung-Chang**, Altschuller, Y., and Frohman, M.A. (1998) Regulation and functions of phospholipase D. *Biochemical Soc. Trans.* 25 (4): 1151-1157.
- Rosenquist, T., **Zharkov, Dmitry O.**, and Grollman, A.P. (1997) Cloning and Characterization of a Mammalian 8-oxoguanine DNA-glycosylase. *Proc. Natl. Acad. Sci. USA* 94: 7429-7434.

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

- Bell III, James**, Hitzemann, R.J., and McCaughran, Jr., J.A. (1998) "Quantitative Trait Loci (QTL) Analysis of Fear-Potentiated Startle Response (FPS) in the BXD Series of Recombinant Inbred Mice." *The Society for Neuroscience 29th Annual Meeting*, Nov 7-12. Los Angeles, CA. *Soc. Neurosci Abst.* 471.4.
- Hitzemann, R.J., Koyner, J.L., **Bell III, James**, and McCaughran, Jr., J.A. (1998) "Acoustic Startle Response (ASR) and Prepulse Inhibition (PPI) of the ASR in the BXD Recombinant Inbred (RI) Series: QTL Analysis and relationship to High Frequency Hearing Loss (HFHL)." *The Society for Neuroscience 29th Annual Meeting*, Nov 7-12. Los Angeles, CA. *Soc. Neurosci Abst.* 471.14.
- Chen, Bin**, Chu, T., Harms, E., Gergen, J.P., and Strickland, S. (1998) "High resolution mapping of *Drosophila* mutations by P element induced site-specific male recombination." *The 39th Annual Drosophila Research Conference*. Washington, D.C.
- Chen, Bin**, Harms, E., and Strickland, S. (1999) "Grauzone, a gene required for the initiation of *Drosophila* development encodes a C₂H₂-type zinc-finger protein." *The 40th Annual Drosophila Research Conference*, March 24 -28. Bellevue, WA.
- Hitzemann, R., Cipp, L., **Iwamoto, Michelle**, and McCaughran, J.A. Jr. (1999) Mapping QTLs for the Ethanol-Induced Locomotor Response in a Balb/c (c) XLP F2 Intercross, *The 22nd Annual Scientific Meeting of the Research Society on Alcoholism*, June 26 - July 1. Santa Barbara, CA.
- Roberts, Roy**, Sciorra, V.A., and Morris, A.J. (1998) "Human Type-2 Phosphatidic Acid Phosphohydrolases: Substrate Specificity of the Type-2a, -2b, and -2c Enzymes and Cell Surface Activity of the 2a Isoform." *XIIIth International Congress of Pharmacology*. Munich, Germany.
- Rogove, Andrew D.**, Siao, C.-J., and Tsirka, S.E. (1998) "Microglial-derived Tissue Plasminogen Activator Contributes to the Neurotoxic Properties of Microglia." *The Society for Neuroscience 29th Annual Meeting*. Los Angeles, CA, Nov 7 - 12.
- Rogove, A.D., **Siao, Chia-Jen**, and Tsirka, S.E. (1998) "Microglial-derived Tissue Plasminogen Activator Contributes to the Neurotoxic Properties of Microglia." *The Society for Neuroscience 29th Annual Meeting*, Nov 7 - 12. Los Angeles, CA.
- Yun, Suyong**. (1998) "Conditional genetic technologies in the mouse." *Cold Spring Harbor Laboratory Workshop*, Aug 31-Sep 2. Cold Spring Harbor, NY.

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

Hammond, Scott M. (1999) Post-Doctorate position, Drs. Greg Hannon and David Beach. *Genetica, Cold Spring Harbor Laboratory*, Cold Spring Harbor, New York.

Jenco, John M. (1998) Post-Doctorate position. *Collaborative Bio Alliance, Dr. D. Watkins*, Stony Brook, New York.

Kuhlman, T.C. (1998) Editor. *Cold Spring Harbor Press*, Cold Spring Harbor, New York.

Morrison, Debra J. (1998) Post-Doctorate Fellow. Dr. Jonathon Licht, *Mt. Sinai Medical Center*, New York, New York.

Sung, Tsung-Chang. (1998) Post-Doctorate Fellow. *The Salk Institute*, La Jolla, California.

Zharkov, Dmitry O. 1998) Post-Doctorate Fellow. Dr. A. P. Grollman, *SUNY at Stony Brook*, Stony Brook, New York.

PHILOSOPHY

GRADUATE DIRECTOR: ROBERT CREASE
DEPARTMENT CHAIR: EDWARD S. CASEY

❖ Grants, Fellowships, and Awards

- Flynn, Erin.** (1999) President's Award for Excellence in Teaching, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Hansen, Jennifer.** (1999) President's Award to Distinguished Doctoral Students, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Kirkland, Sean.** (1998) The Floyd L. Moreland Award, \$750. *The Latin/Greek Institute, City University of New York*, New York, NY.
- Kirkland, Sean.** (1999) President's Award for Excellence in Teaching, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Mitchell, Andrew.** (1998) The Floyd L. Moreland Award, \$750. *The Latin/Greek Institute, City University of New York*, New York, NY.
- Rodemeyer, Lanei.** (1999) Mildred and Herbert Weisinger Dissertation Fellowship, \$1000. *SUNY at Stony Brook*, Stony Brook, NY.
- Sanders, Michael.** (1998-1999) University Learning Community Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Schwartzman, Lisa.** (1999) Madeline Fusco Fellowship Award, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Welsh, Tamara.** (1998-1999) Deutscher Akademischer Austauschdienst (DAAD) Jahresstipendium. *Bergische Universitat*, Wuppertal, Germany.

❖ Singly Authored Publications/Research Reports/Reviews

- Johnston, Adrian.** (1999) I Am, I Lie: Negation from Wittgenstein to Zizek. *Der Entwurf: Schriftenreihe Zur Psychoanalyse*. Christian Kupke, Ed. Frankfurt: Edition Delta Tau.
- Johnston, A.** (1999) Lacan's Purloined Linguistics: Lalangue and Languages in Encore. *Lacanian Ink* Vol. 14.
- Rodemeyer, Lanei.** (1999) Dasein Gets Pregnant. *Philosophy Today Spring 1999 Supplementary Issue*.
- Schwartzman, Lisa.** (1999/in press) Liberal Rights Theory and Social Inequality: A Feminist Critique. *Hypatia: A Journal of Feminist Philosophy* Vol. 14, No. 2: pp. 26-47.

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

- Johnston, Adrian.** (1998) A Triadic Drama Beyond the Family: The Freudian Oedipus Complex in Light of the Lacanian Object A. *Oedipus Today*. Emory University, Atlanta, GA.
- Johnston, A.** (1999) Etchings of Time: Reconsidering the Place of Lacanian Topology. *International Association of Philosophy and Literature (IAPL)*. Trinity College, Hartford, CT.
- Mitchell, Andrew.** (1999) Ethos and the Divine Trace in the Desert of Post-Modernity. *International Association of Philosophy and Literature (IAPL)*. Trinity College, Hartford, CT.

- Mitchell, A.** (1998) Intensive Greek Program. *The Latin/Greek Institute*. City University of New York, New York, NY.
- Rodemeyer, Lanei.** (1999) A Husserlian Response to Levinas's "Time and the Other." *International Association of Philosophy and Literature (IAPL)*. Trinity College, Hartford, CT.
- Rodemeyer, L.** (1999) Protention: A Return to the Bernauer (L) Manuscripts. *Husserl Circle*. University of Memphis, Memphis, TN.
- Rodemeyer, L.** (1998) Dasein Gets Pregnant. *Society for Phenomenology and Existential Philosophy (SPEP)*. Denver, CO.
- Sanders, Michael.** (1999) The Interval of Ethics: Corporeality and Temporality in Levinas and Merleau-Ponty. *Postmodern Sites*. Trinity College, Hartford, CT.
- Sanders, M.** (1999) Between Time and the Flesh: Levinas, Merleau-Ponty, and the Ground of Ethics. *Enigmas of the Ideal*. SUNY at Stony Brook, Stony Brook, NY.
- Sanders, M.** (1998) Session Moderator: Kristeva and Merleau-Ponty. *Merleau-Ponty Circle*. Salisbury State University, Salisbury, MD.
- Schwartzman, Lisa.** (1999) Inequality, Liberalism, and Abstract Ideals: Dworkin's Theory of Distributional Equality. *Enigmas of the Ideal: Interdisciplinary Graduate Conference*. SUNY at Stony Brook, Stony Brook, NY.
- Schwartzman, L.** (1998) Liberal Abstraction and the Inattention to Social Relations of Power: A Critique of Dworkin's Equality of Resources. *North American Society for Social Philosophy Fifteenth International Conference*, Massachusetts College of Liberal Arts, North Adams, MA.
- Wahman, Jessica.** (1999) Spirit and Nature in Santayana's "Cross-Lights." *26th Annual Meeting, Society for the Advancement of American Philosophy*. University of Oregon, Eugene, OR.
- Zavota, Gina.** (1999) The Neoplatonic and the Gothic: A Walk through Amiens Cathedral. *International Society for Neoplatonic Studies Conference on Platonism, Neoplatonism and American Thought*. Vanderbilt University, Nashville, TN.

❖ Translation

- Sanders, Michael.** (1999) "Hannah Arendt: Life as Narrative" by Julia Kristeva. *Postmodern Sites*, Trinity College, Hartford, CT.

❖ Other

- Sanders, Michael.** (1998-1999) Managing Editor. *Continental Philosophy*. New York: Routledge.
- Sanders, M.** (1998/in press) Assistant Editor. *Philosophy and Desire*. Hugh J. Silverman, Ed. New York: Routledge.
- Sanders, M.** (1998) Assistant Editor. *Cultural Semiosis*. Hugh J. Silverman, Ed. New York: Routledge.

PHYSICS and ASTRONOMY

GRADUATE DIRECTOR: PETER W. STEPHENS (PHY), PHILIP SOLOMON (AST)
DEPARTMENT CHAIR: JANOS KIRZ

❖ Grants, Fellowships, and Awards

Cashen, M.T. (1998-1999) Graduate Training in Optics Apprenticeship, full tuition and Stipend. *National Science Foundation*, Washington DC.

Matthews, Lynn. (1999) Graduate Student Research prize winner. *ASNY (Astronomical Society of New York)*.

Oderda, G.. (1999) Gertrude Scharff Goldhaber Award (President's Award to Distinguished Doctoral Students), \$500. *SUNY at Stony Brook*, Stony Brook, NY.

Tsai, Shan-Ho. (May, 1998) President's Award for Outstanding Doctoral Dissertation.

Williams, Martin. (1998-1999) Graduate Training in Optics Apprenticeship, full tuition and Stipend. *National Science Foundation*, Washington, DC.

❖ Jointly Authored Publications/Research Reports/Reviews

Simon, M., **Beck, Tracy L.**, Greene, T.P., Howell, R.R., Lumsden, S., Prato, L. (1999) "Lunar Occultations of Young Stars in Southern Taurus." *The Astronomical Journal* 117, # 3: p. 1594.

Simon, M., Close, L.M., **Beck, Tracy L.** (1999) "Adaptive Optics Imaging of the Orion Trapezium Cluster." *The Astronomical Journal* 117, # 3: p. 1375.

Biswas, Tirthabir, and Joglekar, Satish D. (1999) Inverse Laplace Transform and Perturbation Theory, J. of Math. *Physics* Vol. 40: pp. 369-382.

Williams, M.R., Chi, F., **Cashen, M.T.**, Metcalf, H.J. (Submitted) "Measurement of the Bichromatic Optical Force on Rb Atoms." *Physical Review Letters*.

Chen, H.-W., Lanzetta, Kenneth M., and Pascarelle, Sebastian. (1999) "A Spectroscopically Identified Galaxy of Probable Redshift $z = 6.68$ " *Nature*: 398, 586.

Lo, K.Y., **Chen, H.-W.**, and Ho, P.T. P. (1999) "A Survey of Molecular Gas Content of Galaxies at $0.1 < z < 1.06$." *Astronomy and Astrophysics*: 341, 348.

Chen, H.-W., Lanzetta, Kenneth M., Webb, John K., and Barcons, Xavier. (1998) "The Gaseous Extent of Galaxies and the Origin of Lyman α Absorption Systems. III Hubble Space Telescope Imaging of Lyman α -Absorbing Galaxies at $z < 1$." *The Astrophysical Journal*, 498: 77.

Williams, M.R., **Chi, F.**, Cashen, M.T., Metcalf, H.J. (Submitted) Measurement of the Bichromatic Optical Force on Rb Atoms. *Physical Review Letters*.

Smith, J.F., **Chiara, C.J.**, Fossan, D.B., Lane, G.J., Sears, J.M., Thorslund, I., Amro, H., Davids, C.N., Janssens, R.V.F., Seweryniak, D., Hibbert, I.M., Wadsworth, R., Lee, I.Y., Macchiavelli, A.O. (1998) First observation of excited states in ^{118}Ba : Possible evidence for octupole correlations in neutron-deficient barium isotopes. *Phys. Rev. C* 57 (3): R1037-R1041.

Lane, G.J., Fossan, D.B., **Chiara, C.J.**, Schnare, H., Sears, J.M., Smith, J.F., Thorslund, I., Vaska, P., Paul, E.S., Wilson, A.N., Wilson, J.N., Hauschild, K., Hibbert, I.M., Wadsworth, R., Afanasjev, A.V., Ragnarsson, I. (1998) "High-Spin States, Particle-Hole Structure, and Linked Smooth Terminating Bands in Doubly Odd ^{112}Sb ." *Phys. Rev. C* 58 (1): 127-149.

- Smith, J.F., **Chiara, C.J.**, Fossan, D.B., Lane, G.J., Lewicki, J.F., Sears, J.M., Vaska, P. (1998) "Observation of Signature Inversion in the $\nu(h1/2) X \pi(h1/2)$ band of ^{122}Cs ." *Phys. Rev. C* 58 (6): 3237-3242.
- Clark, R.M., Asztalos, S.J., Busse, B., **Chiara, C.J.**, Cromaz, M., Deleplanque, M.A., Diamond, R.M., Fallon, P., Fossan, D.B., Jenkins, D.G., Juutinen, S., Kelsall, N., Krucken, R., Lane, G.J., Lee, I.Y., Macchiavelli, A.O., MacLeod, R.W., Schmid, G., Sears, J.M., Smith, J.F., Stephens, F.S., Vetter, K., Wadsworth, R., and Frauendorf, S. (in press) "The Shears Mechanism in the $A \sim 110$ Region." *Phys. Rev. Lett.* 82 (17).
- Stievater, T.H., Lim, M.J., **Colosimo, P.**, Michniak, R.A., Bucksbaum, P.H., Conti, R.S. (1999) "A Trimodal Resonator for Three Mutually Perpendicular Magnetic Fields." *Review of Scientific Instruments* Vol. (70):1780-86.
- Foster, G.**, Mielke, S.L., Orozco, L.A. (1998) "Intensity Correlations of a Noise-Driven Diode Laser." *Journal of the Optical Society of America B* 15: 2646.
- Ahle, L., **Gushue, S.**, et al. (1998) "Proton, Deuteron, and Triton Emission at Target Rapidity in Au+Au Collisions at 10.20A GeV: Spectra and Directed Flow." *Phys. Rev. C* 57: 1416-1427.
- Hsi, W.-C., **Gushue, S.**, et al. (1998) "Sideways-Peaked Angular Distributions in Hadron-Induced Multifragmentation: Shock Waves, Geometry, or Kinematics." *Phys. Rev. C* 58: 29-33.
- Kwiatkowski, K., **Gushue, S.**, et al (1998) "I. Multifragmentation: Thermal vs. Dynamic Effects." *Nucl. Phys.* A630: 168c-175c.
- Lisa, M.A., **Gushue, S.**, et al. (1998/submitted) "The Bombarding Energy Dependence of π HBT at the AGS." *Phys. Rev. Lett.*
- Mardor, I., **Gushue, S.**, et al. (1998) "Nuclear Transparency in Large Momentum Transfer Quasielastic Scattering." *Phys. Rev. Lett.* 81: 5085-5088.
- Ahle, L., **Gushue, S.**, et al. (1998) "Antiproton Production in Au + Au Collisions at 11.7A GeV/c." *Phys. Rev. Lett.* 81: 2650-2653.
- Ahle, L., **Gushue, S.**, et al. (1998) "Kaon Production in Au + Au Collisions at 11.6A GeV/c." *Phys. Rev. C* 58: 3523-3538.
- Lefort, T., **Gushue, S.**, et al. (1999) " Heating ^{197}Au Nuclei with 8 GeV/c Antiproton and π beams." *Physical Review Letters*.
- Aclander, J., **Gushue, S.**, et al. (in press) "A Direct Measurement of Short Range NN Correlations in Nuclei via the Reaction $^{12}\text{C}(p, ^2p + n)^a$." *Phys. Lett.*
- Mardor, Y., **Gushue, S.**, et al. (1999) "Measurement of Quasi-Elastic $^{12}\text{C}(p, 2p)$ Scattering at High Momentum Transfer." *Phys. Lett.* B 437.
- Kang, Young Woon, **Kim, Jinyoung**, and Zhai Di-sheng. (1998) Unique Solution of R Canis Majoris. *Astrophysics and Space Science* 259: pp.403-413.
- Chalmers, Gordon, **Nastase, Horatiu**, Schalm, Koenraad, Siebelink, Ruud. (1999) "R Current Correlators in $N = 4$ SuperYang-Mills theory from Anti-de Sitter Supergravity." *Nuclear Physics* 540: p. 247-270, e-print archive nr. Hep-th/9805105.
- Nastase, Horatiu**, Stephanov, Misha, van Nieuwenhuizen, Peter, Rebhan, Anton. (1999) "Topological Boundary Conditions, the BPS Bound, and Elimination of ambiguities in the quantum Mass of Solitons." *Nuclear Physics B* 542: p. 471-514, e-print Archive Nr. Hep-Th/9802074.
- Oderda, G.**, Sterman, G. (1998) "Energy And Color Flow In Dijet Rapidity Gaps." *Physical Review Letters* 81: 3591.
- Laenen, E., **Oderda, G.**, Sterman, G. (1998) "Resummation Of Threshold Corrections For Single Particle Inclusive Cross-Sections." *Physics Letters B* 438: 173.

- Kidonakis, N., **Oderda, G.**, Sterman, G. (1998) "Evolution of Color Exchange In QCD Hard Scattering." *Nuclear Physics B* 531: 365.
- Kidonakis, N., **Oderda, G.**, Sterman, G. (1998) "Threshold Resummation For Dijet Cross-Sections." *Nuclear Physics B.* 525: 299.
- Park, Kwon,** and Jain, J.K. (1998) "Phase Diagram of the Spin Polarization of Composite Fermions and a New Effective Mass." *Physical Review Letters* Vol. 80, #42317.
- Park, Kwon,** and Jain, J.K. (1998) "Activation Gaps and Mass Enhancement of Composite Fermions." *Physical Review Letters* Vol. 81, #4200.
- Park, Kwon,** Melik-Alaverdian, V., Bonesteel, N.E., and Jain, J.K. (1998) "Possibility of ρ -Wave Pairing of Composite Fermions at $\nu = 1/2$." *Physical Review B.*, 58, #R10167.
- Murthy, Ganapathy, **Park, Kwon,** Shankar, R., and Jain, J.K. (1998) "Scaling Relations for Gaps In Fractional Quantum Hall States." *Physical Review B* Vol. 58, #15363.
- Perebeinos, Vasili,** and Allen, Philip B. (1999) "Toward a Theory of Orbital Dispersion in LaMnO_3 " submitted to *Phys. Stat. Sol.* (b).
- Allen, Philip B., and **Perebeinos, Vasili,** (1999) "The Anti-Jahn Teller Polaron in LaMnO_3 " submitted to *Phys. Rev. B.*
- Chalmers, Gordon, Nastase, Horatiu, **Schalm, Koenraad,** Siebelink, Ruud. (1999) "R Current Correlators in $N = 4$ SuperYang-Mills theory from Anti-de Sitter Supergravity." *Nuclear Physics B.* Vol. 540: 247-270, e-print archive nr. Hep-th/9805105.
- Feldmann, H, Shrock, R., and **Tsai, S-H.** (1998) "Complex-Temperature Partition Function Zeros of the Potts Model on the Honeycomb and Kagome Lattices." *Phys. Rev. E* 57: 1335-1346.
- Rocek, M., Shrock, R., and **Tsai, S-H.** (1998) "Chromatic Polynomials for Families of Strip Graphs and their Asymptotic Limits." *Physica A* 252: 505-546.
- Feldmann, H., Guttman, A., Jensen, I, Shrock, R., and **Tsai, S-H.** (1998) "Study of the Potts Model on the Honeycomb and Triangular Lattices: Low-Temperature Series and Partition Function Zeros." *J. Phys. A* 31: 2287-2310.
- Tsai, S-H.** (1998) "Large-q Series Expansion for the Ground State Degeneracy of the q-State Potts Antiferromagnet on the (3.12.12) Lattice." *Phys. Rev. E* 57: 2686-2689.
- Tsai, S-H.** (1998) "End Graph Effects on Chromatic Polynomials for Strip Graphs of Lattices and their Asymptotic Limits." *Physica A* 259: 349-366.
- Shrock, R., and **Tsai, S-H.** (1998) "Ground State Entropy of Potts Antiferromagnets on homeomorphic Families of Strip Graphs." *Physica A* 25: 315-348.
- Rocek, M., Shrock, R., and **Tsai, S-H.** (1998) "Chromatic Polynomials on $J(\text{product } H)I$ Strip Graphs and their Asymptotic Limits." *Physica A* 259: 367-387.
- Shrock, R., and **Tsai, S-H.** (1998) "Ground State Entropy of Potts Antiferromagnets and the Approach to the 2D Thermodynamic Limit." *Phys. Rev. E* 58: 4332-4339.
- Shrock, R., and **Tsai, S-H.** (1998) "Ground State Degeneracy of Potts Antiferromagnets: Cases with Noncompact W Boundaries Having Multiple Points at $1/q=0$." *J. Phys. A* 31: 9641-9665.
- Tsai, S-H.,** and Salinas, S. (1998) "Fourth-Order Cumulants to Characterize the Phase Transitions of a Spin-1 Ising Model." *Brazilian Journal of Physics*, 28: 58-65.
- Shrock, R., and **Tsai, S-H.** (1999) "Ground State Degeneracy of Potts Antiferromagnets: Homeomorphic Classes with Noncompact W Boundaries." *Physica A* 265: 186-223.
- Shrock, R., and **Tsai, S-H.** (1999/in press) "Ground State Entropy of the Potts Antiferromagnet on Cyclic Strip Graphs (with Shan-Ho Tsai)." *J. Phys. A Letts.* 32.

Shiozawa, M., **Viren, B.**, et al. (1998) "Search for Proton Decay via $p \rightarrow e + \pi^0$ in a Large Water Cherenkov Detector." *Physical Review Letters* Vol. (81): 3319-3323.

Chalmers, G., Rocek, M., **Wiles, S.** (1999) "Degeneration of ALF D_n Metrics." *Journal of High Energy Physics* 1: 9.

Williams, M.R., Chi, F., Cashen, M.T., Metcalf, H.J. (Submitted) Measurement of the Bichromatic Optical Force on Rubidium Atoms. *Physical Review Letters*.

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

Beck, Tracy L., Prato, L., Simon, M. (1998) "The Near-Infrared Variability of T Tau South." *Protostars and Planets IV conference held*. Santa Barbara, CA.

Williams, M.R., **Cashen, M.T.**, Metcalf, H.J. (1998) "Proposal for an Atomic Prism/Collimator." *DAMOP 1998*. Santa Fe, New Mexico.

Williams, M.R., Chi, F., **Cashen, M.T.**, Metcalf, H.J. (1998) "Measurement of the Bichromatic Force in 1-D." *DAMOP 1998*. Santa Fe, New Mexico.

Williams, M.R., Chi, F., **Cashen, M.T.**, Metcalf, H.J. (1999) "Precise Measurements of the Bichromatic Force." *DAMOP 1999*. Atlanta, Georgia.

Williams, M.R., Chi, F., **Cashen, M.T.**, Metcalf, H.J. (1999) "Precise Measurements of the Bichromatic Force. Atom Optics Applications." Les Houches, France.

Lanzetta, K.M., **Chen, H.-W.**, Webb, J.K., and Barcons, X. (1998) "Constraints on the Unseen Galaxy Population from the Lyman α Forest." *IAU Colloquium 171, The Low Surface Brightness Universe*.

Lanzetta, K.M., **Chen, H.-W.**, Pascarelle, S., and Yahata, N. (1998) "Galaxies at Redshifts $z > 5$." *The Xth Recontres de Blois, The Birth of Galaxies*.

Chen, H.-W., Lanzetta, K.M., Webb, J.K., and Barcons, X. (1998) "The Gaseous Extent of Galaxies and the Origin of QSO Absorption Systems." *The Xth Recontres de Blois, The Birth of Galaxies*.

Williams, M.R., **Chi, F.**, Cashen, M.T., and Metcalf, H.J. (1998) "Measurement of the Bichromatic Force in 1-D." *DAMOP 1998*. Santa Fe, New Mexico.

Williams, M.R., **Chi, F.**, Cashen, M.T., and Metcalf, H.J. (1999) "Precise Measurements of the Bichromatic Force." *DAMOP 1999*. Atlanta, Georgia

Williams, M.R., **Chi, F.**, Cashen, M.T., and Metcalf, H.J. (1999) "Precise Measurements of the Bichromatic Force. Atom Optics Applications." Les Houches, France.

Chiara, C.J. (1998) "Shears Structure in Odd-Odd 108, 110In." *Joint APS/AAPT Meeting*. Columbus, OH.

Chiara, C.J. (1999) "Shears Structure in 109Cd." *APS Centennial Meeting*. Atlanta, GA.

Feser, Michael, Jacobsen, C., Carlucci-Dayton, M., Kirz, J., Neuhaeusler, U., and Smith, G., Yu, B. (1998) "Applications and Instrumentation Advances With The Stony Brook Scanning Transmission X-ray Microscope." *Proceedings of SPIE* Vol. 3449 (1998): pp. 19-31.

Foster, G., Orozco, L.A. (1998), "Intensity Correlations in Optical Cavity QED." *Sixteenth International Conference on Atomic Physics*. Windsor, Canada.

Foster, G., Mielke, S.L., Gripp, J., Orozco, L.A. (1998), "Studies of Conditional Evolution in Optical Cavity QED." *Atomic Physics Seminar*, NIST. Gaithersburg, MD.

Foster, G., Mielke, S.L., Gripp, J., Carmichael, H.J., Orozco, L.A. (1999) "Conditional Measurements in Cavity QED." *Oregon Center for Optics Seminar*. University of Oregon, Eugene, OR.

- Foster, G.**, Greenbaum, D., Carmichael, H.J., Orozco L.A. (1999) "Conditional Measurements in Cavity QED." *American Physical Society Centennial Meeting*. Atlanta, GA.
- Simsarian, J.E., **Grossman, J.S.**, Orozco, L.A., Pearson, M.R., Sprouse, G.D., Zhao, W.Z. (1998) "Laser Spectroscopy on Trapped Francium." *International Conference on Atomic Physics*, Windsor, Ontario, Canada.
- Grossman, J.S.**, Mehlstaubler, T.E., Pearson, M.R., Sprouse, G.D., Zhao, W.Z., (1999) "Location of the 7D Excited State of Francium." *American Physical Society Centennial Meeting*. Atlanta, GA.
- Grossman, J.S.**, Fliiller, R.P. III, Friegang, C., Ifferte, M., Orozco, L.A., Pearson, M.R., Peker, B., Simsarian, J.E., Sprouse, G.D., Zhao, W.Z. (1999) "Magneto-Optical Trap for On-Line Fr Spectroscopy." *American Physical Society Centennial Meeting*. Atlanta, GA.
- Pearson, M.R., **Grossman, J.S.**, Orozco, L.A., Simsarian, J.E., Sprouse, G.D., Zhao, W.Z. (1999) "Observation of the Bohr-Weisskopf Effect in Neutron Deficient Francium Atoms." *American Physical Society Centennial Meeting*. Atlanta, GA.
- Kim, Jinyoung S.**, and Walter, Frederick M. (1998) 'Probing the Extended Atmosphere of V471 Tauri' in 'Cool Stars, Stellar Systems, and the Sun. *10th Cambridge Workshop*: p. CD-1431, Eds: D., and B., ASP: San Francisco.
- Oderda, G.** (1998) "Energy and Color Flow in Dijet Rapidity Gaps." *Theory Institute on Deep Inelastic Diffraction*. Argonne National Laboratory, USA.
- Oderda, G.**, Sterman, G. (1998) "Energy and Color Flow in Dijet Rapidity GAPS." Talk given at the Workshop on *Small-x and Diffractive Physics*. Fermilab, USA, September 17-20 1998.
- Oderda, G.** (1998) "Rapidity Gaps and Color Evolution in Qcd Hard Scattering." Talk given at *International Euroconference on Quantum Chromodynamics (QCD 98)*. Montpellier, France.
- Park, Kwon**, Helik-Alaverdian, V., Bonesteel, N.E. and Jainm J.K. "Possibility of ρ -Wave Pairing of Composite Fermions at Even Denominator Filling Factor." *Centennial Meeting of the American Physical Society*. Atlanta, GA.
- Vasili Perebeinos** and Allen, Philip B. (1999) "The Anti-Jahn-Teller Polaron in Jahn-Teller Distorted LaMnO_3 ," *APS Centennial Meeting 1999*. Atlanta, Ga.
- Srinivasan-Rao, T., Schill, J., Ben-Zvi, I., Batchelor, K., Farrell, J.P., **Smedley, J.**, Lin, X.E., and Oadian, A. (1999) "Simulation, Generation, and Characterization of High Brightness Electron Source at 1 GV/m Gradient. *1999 Particle Accelerator Conference*. New York, NY.
- Srinivasan-Rao, T., **Smedley, J.**, Batchelor, K., Farrell, J.P., and Dudnikova, G. "Optimization of Gun parameters for a Pulsed Power electron Gun." *Advanced Accelerator Concepts Workshop*. Baltimore, MD.
- Srinivasan-Rao, T., Schill, J., and **Smedley, J.** (1998) "Relativistic Electron beams From Cathodes at 1 GV/m Gradient." *Beams '98*. Haifi, Israel.
- Viren, B.** (1998) Search for proton decay via $p \rightarrow e + \pi^0$ in a large water Cherenkov detector. *American Physical Society and American Association of Physics Teachers (APS/AAPT)*, Joint Meeting. Columbus, Ohio.
- Viren, Brett.** (1999) Current Status of Nucleon Decay Searches with Super-Kamiokande. *American Physical Society Division of Particle and Fields (APS/DPF) Conference (DPF99)*. Los Angeles, California.
- Williams, M.R.**, Cashen, M.T., and Metcalf, H.J. (1998) Proposal for an Atomic Prism/Collimator. *DAMOP 1998*. Santa Fe, New Mexico.
- Williams, M.R.**, Chi, F., Cashen, M.T., and Metcalf, H.J. (1998) Measurement of the Bichromatic Force in 1-D. *DAMOP 1998*. Santa Fe, New Mexico.
- Williams, M.R.**, Buell, W.F., and Metcalf, H.J. (1998) Velocity and State-Selective Measurements in an Atomic Beam. *DAMOP 1998*. Santa Fe, New Mexico.

Williams, M.R., Chi, F., Cashen, M.T., and Metcalf, H.J. (1999) Precise Measurements of the Bichromatic Force. *DAMOP 1999*. Atlanta, Georgia.

Williams, M.R., Chi, F., Cashen, M.T., and Metcalf, H.J. (1999) Precise Measurements of the Bichromatic Force. *Atom Optics Applications*. Les Houches, France.

Williams, M.R., (1999) Measurement of the Optical Bichromatic Force on Rubidium Atoms. Ph.D. *Dissertation defense*. Stony Brook, New York.

Yahata, N., Lanzetta, K.M., Webb, J.K., and Barcons, X. (1998) "Environmental Dependence of the Nature of Gaseous Envelopes of Galaxies at $z < 1$." *The Xth Rencontres de Blois on "The Birth of Galaxies,"* June 28 to July 4. Blois, France (talk and proceeding).

Lanzetta, K.M., Chen, H.- W., Pascarelle, S.M., and **Yahata, N.** (1998) "Galaxies at Redshifts $z > 5$ " *The Xth Rencontres de Blois on "The Birth of Galaxies,"* June 28 to July 4, Blois. France (proceeding).

Chen, H.- W., Fernandez-Soto, A., Lanzetta, K.M., Pascarelle, S.M., Puette, R.C., **Yahata, N.**, and Yahil, A. (1998) "Photometry and Photometric Redshifts of Galaxies in the Hubble Deep, Field South NICMOS Field." *astro-ph/9812339* (Abstract: Los Alamos Preprint).

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

Oderda, G.. (1999) Post-Doctoral Associate. Laboratoire de Physique Theorique, *Universite' de Paris-Sud*, Orsay, France.

Park, Kwon. (1998-99) Visiting Research Assistant. Department of Physics, *The Pennsylvania State University*, University Park, PA.

Tsai, Shan-Ho. (1998) Post-Doctorate Research Associate. Department of Physics and Astronomy, *University of Georgia*, Athens, GA.

❖ **Astronomical Observations**

Beck, Tracy L., and Simon, M. (1998) Project: "NIR Variability of T Tau S and Similar IR-Luminous Companions." Observations Carried out at *NASAs Infrared Telescope Facility*, December 8-10. Mauna Kea, HI.

Beck, Tracy L., and Simon, M. (1998) Project: "The IRCs of Haro 6-10 and T Tau: Variably Obscured Stars?." Observations Carried out at *NASAs Infrared Telescope Facility*, February 20-22. Mauna Kea, HI.

Simon, M., **Beck, Tracy L.**, and Prato, L. (1998) Project: "Lunar Occultations of Young Stars in Southern Taurus." Observations carried out at *NASAs Infrared Telescope Facility*, September 12-14. Mauna Kea, HI.

Close, L.M., **Beck, Tracy L.**, and Simon, M. (1998) Project: "High Resolution Infrared Imaging of NGC 2024." Observations carried out at the *Canada-France-Hawaii Telescope*, November 4 -5. Mauna Kea, HI.

Sherry, William. (1998) Observation of low mass stars in the belt region of the constellation Orion. Nine nights of telescope time at *Cerro Tololo Inter-American Observatory (CTIO)*, December 3-11.

PHYSIOLOGY and BIOPHYSICS

GRADUATE DIRECTOR: LEON MOORE
DEPARTMENT CHAIR: PETER BRINK

❖ Grants, Fellowships, and Awards

O'Neal III, M.H. (1999) Highlights; Graduate Student Posters in Respiration Physiology. *American Physiological Society*.

❖ Jointly Authored Publications/Research Reports/Reviews

O'Neal III, M.H. and Solomon, I.C. (1999) Effects of dimethyl amiloride on phrenic neurogram activity during normocapnia and hypercapnia. *FASEB J.* 13 (5):A 164.

O'Neal III, M.H., Halat, T.J., Edelman, N.H., Walcott, B., and Solomon, I.C. (1998) Dendritic and neuronal gap junction proteins in putative CO₂-chemosensitive regions of the medulla. *Neurosci Abstracts* 24 (1): 3. 75.

Solomon, I.C., **O'Neal III, M.H.**, and Edelman, N.H. (1999) CO₂/H⁺-chemosensitivity of the pre-Botzinger complex in vivo. *FASEB J.* 13(5): A164.

O'Neal III, M.H. and Solomon, I.C. (1999) Effects of dimethyl amiloride on phrenic neurogram activity during normocapnia and hypercapnia. *FASEB J.* 13 (5): A 164.

Spector, S., Young, P., and Raleigh, D.P. (in press) Native-like structure and stability in a truncation mutant of a protein mini-domain: The peripheral subunit-binding domain. *Biochemistry*.

Spector, S., Rosconi, M., and Raleigh, D.P. (1999) Conformational analysis of peptide fragments derived from the peripheral subunit-binding domain from the pyruvate dehydrogenase multienzyme complex of "Bacillus stearothermophilus:" Evidence for non-random structure in the unfolded state. *Biopolymers* 49: 49-40.

Wang, Tieli, Pentylala, S., Rebecchi M., and Scarlata, S. Selective Interaction of C2 Domain of Phospholipase C- β 1, β 2 with Activated G α q Subunits: A Novel Function for C2 Signaling Modules. *Proceedings of the National Academy of Science*.

Wang, Tieli, Pentylala, S., Rebecchi M., and Scarlata, S. (1999) Differential Association of the Pleckstrin Homology Domains of Phospholipase C- β 2 and Phospholipase C- δ to Lipid Bilayers and the $\beta\gamma$ Subunits of G Proteins. *Biochemistry* 38: 1517.

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

Pellicena, Patricia, Mayer, B.J., and Miller, W.T. (1999) Role Of Sh2 and Sh3 Binding Regions of P130cas in Binding and Phosphorylation By Src. *Tyrosine Phosphorylation and Cell Signaling*. Cold Spring Harbor, NY.

Spector, S., and Raleigh, D.P. (1998) Minimum sequence of a protein mini-domain: Thermodynamic studies of truncation mutants of the peripheral subunit-binding domain. *Protein Society Meeting*. San Diego, CA.

Wang, Tieli, Pentylala, S., Rebecchi, M., and Scarlata, S. (1999) Membrane Association of C2 Domain of Phosphoinositide-specific Phospholipase C- β 1, β 2 and d1. *Annual Biophysical Conference 1999* Baltimore, MD.

Pentylala S., Ed T., **Wang, Tieli**, Scarlata, S., and Rebecchi, M. Expression and characterization of the pleckstrin homology domains of phospholipase isozymes. *1st international congress of immunology*.

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

Spector, S. (1999). Post-Doctoral Fellow. Department of Biology and Department of Chemistry, *Massachusetts Institute of Technology*, Cambridge, MA.

POLITICAL SCIENCE

GRADUATE DIRECTOR: PAUL TESKE
DEPARTMENT CHAIR: MARK SCHNEIDER

❖ Grants, Fellowships, and Awards

Ling, Cristina M. (1999) NSF Dissertation Improvement Grant, \$7, 800. "The Political Implications of Motivations to Controlled Prejudiced Reactions."

Mete, Mihriye.(1998). Best Graduate Student Teaching Award. Department of Political Science, *SUNY at Stony Brook*.

Mete, Mihriye. (1998) Travel Grant. *Political Methodology Conference*, San Diego.

❖ Jointly Authored Publications/Research Reports/Reviews

Schneider, M., Marschall, M., **Roch, Christine**, and Teske, P. (1999) "Heuristics, Low Information Rationality, and Choosing Public Goods: Broken Windows as Shortcuts to Information About School Performance Broken." *Urban Affairs Review*.

Schneider, M., Teske, P., Marschall, M., and **Roch, Christine**. (1998) "Shopping for Schools: In the Land of the Blind, The One-Eyed Parent May be Enough." *American Journal of Political Science* 42: 769-793.

Schneider, M., Marschall, M., Teske, P., and **Roch, Christine**.. (1998) "School Choice and Culture Wars in the Classroom: What Different Parents Seek from Education." *Social Science Quarterly* 79-3, 489-501.

Roch, Christine., Schneider, M., Teske, P., Marschall, M. (Forthcoming) "School Choice: the Case of New York's District 4." *Restructuring Education*. Daniel J. Ryan, Ed. Westport, Connecticut: Praeger Publishers.

Teske, P., Schneider, M., **Roch, Christine**., and Marschall, M. (Forthcoming) "Public School Choice: A Status Report." *Education in New York* (tentative title). Diane Ravitch and Joseph Viteritti, Eds. Publisher to be announced.

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

Broscheid, Andreas. (1998) "Congressional Intent and Statutory Decisions: An Informational Model of Congress/Court Interaction." *Annual conference on the Scientific Study of Judicial Politics*. East Lansing, Michigan.

Capelos, Theresa. (1999) "A Matter of Competence." *Annual Meeting of the Midwest Political Science Association*. Chicago, Illinois.

Gerber, Brian J., and Selden, Benjamin J. (1998) "Courting the Governor: Candidate Organizational Strategy in Presidential Nomination Campaigns." *American Political Science Association Meeting*. Boston, Massachusetts.

Gerber, Brian J., and Tabrizi, Susan J. (1999) "Giving Credit Where Credit is Due? The role of Presidential and Congressional Approval in Public Evaluations of the Federal Government's Management of the Economy." Paper prepared for poster presentation at the *Midwest Political Science Association Annual Conference*. Chicago, IL.

- Ling, Cristina M.** (1999) "Who are Immigrants: Using Innovations in Measurement to Understand Attitudes Toward Immigrants and Immigration Policy." *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Ling, Cristina M.** (1999) "Media Priming of the Health Security Act: How Harry and Louise Influenced Vote Choices." *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Ling, Cristina M.** (1998) "Stand Up and Be Counted: Using Selection Bias Models to Compensate for Under-represented Groups in Surveys." *Annual Meeting of the Southern Political Science Association*, Under Review and Resubmit at Political Analysis.
- Ling, Cristina M.** (1999) "True Attitudes versus Socially Desirable Ones: What Do Surveys Really Measure?" *Annual Meeting of the American Political Association*. Boston, Massachusetts/USA.
- Meffert, Michael F.** (1998) "Political Information Flow in Context: The Influence of Media Sources in Personal Networks on Candidate Preferences in the 1992 Presidential Election." *Annual Meeting of the American Political Science Association*. Boston, Massachusetts/USA.
- Meffert, Michael F.,** Helmut Norpoth, and Anirudh V.S. Ruhil. (1998) "Macropartisanship: Still Waters Run Deep?" *Annual Meeting of the American Political Science Association*. Boston, Massachusetts/USA.
- Meffert, Michael F.** (1999) "Citizens in Context: Persuasive Influences of Newspapers and Personal Networks on Candidate Evaluations." *Annual Meeting of the Midwest Political Science Association*. Chicago, Illinois/USA.
- Mete, Mihriye.** (1998) "A Dynamic Programming Model of IRS Enforcement Decisions." *Annual Meeting of the Political Methodology Conference*, San Diego, CA..
- Mete, Mihriye.** (1998) "Assessing the Optimal Strategies of Allocating Campaign Resources Based on a Probabilistic Voting Model." (with Guan-Yu Fann). *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Mete, Mihriye.** (1998) "Controlling Bureaucracy: Who Controls the Federal Tax Collector?" *Annual Meeting of the Southern Political Science Association*. Atlanta, GA.
- Mete, Mihriye.** (1998) "Cooperation, Transaction Costs, and Community-Based Environmental Protection." (with Mark Lubell, Mark Schneider, John T. Scholz). *Annual Meeting of the American Political Science Association*. Boston, MA
- Neely, Francis.** (1999) "The Impact of the Person in Media Frames of Political Policies" *Annual Meeting of the Western Political Science Association*. Seattle, WA. panel: 10.4 Framing and the Role of the Media.
- Norpoth, Helmut, and **Robbins, Suzanne M.** (1999) "In the Long Run: Stability and Change in U.S. Elections." *57th Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Robbins, Suzanne M.** (1998) "The Ratings Game: Ideology, Interest Groups and the United States Senate." Paper presented at the *94th Annual Meeting of the American Political Science Association*. September 2-6, Boston, Massachusetts.
- Schneider, M., Teske, P., Marschall, M., and **Roch, Christine.** (1998) "Tiebout, School Choice, Allocative and Productive Efficiency." *Annual Meeting of the American Political Science Association*. Boston, Massachusetts.
- Roch, Christine.,** and John Scholz. (1998) "Citizen response to Legal Change: Social Networks as Opportunities and Constraints." *Annual Meeting of the Midwest Political Science Association*. Chicago, Illinois.
- Teske, P, Schneider, M, and **Roch, Christine.** (1998) "School Choice and Student Performance." *Annual Meeting of the Midwest Political Science Association*. Chicago, Illinois.
- Schneider, M., Teske, P., Marschall, M., and **Roch, Christine.** (1998) "Evaluating the Effects of Public School Choice in District 4." *Manhattan Institute of the Harvard Club*. New York, New York.
- Tabrizi, Susan J.** (1998) Participant, Roundtable: "Surviving Graduate School" *Annual Meeting of the American*

Political Science Association, September 3-6. Boston, MA.

Tabrizi, Susan J., and Stanley Feldman. (1999) "Catholic Values and Political Ideology. Beyond the Liberal - Conservative Continuum." *Midwest Political Science Association Annual Conference*. Chicago, IL

Gerber, Brian J., and **Tabrizi, Susan J.** (1999) "Giving Credit Where Credit is Due? The role of Presidential and Congressional Approval in Public Evaluations of the Federal Government's Management of the Economy." *Midwest Political Science Association Annual Conference*. Chicago, IL.

❖ Translation

Capelos, Theresa, Panagiotopoulou, R., Rigopoulou, C., and Notaris, S. (1998) "The Construction of Reality in the Mass Media." *National and Capodistrian University of Athens*. Athens, Greece.

❖ Post-Doctorates Obtained and Professional Appointments

Ling, Cristina M. (1999) Chair for Methodology Panel at the *Annual Meeting of the American Political Association*. Boston, MA.

Meffert, Michael F. (1999) Assistant Professor. Department of Communication, *University of Maryland*, College Park, Maryland.

Mete, Mihriye. Tenured-track (Assistant Professor) faculty position Department of Political Science, *Michigan State University*.

PSYCHOLOGY

GRADUATE DIRECTOR: DAVID EMMERICH
DEPARTMENT CHAIR: GROVER WHITEHURST

❖ Grants, Fellowships, and Awards

- Arthur, Carlotta.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Bashe, A.G.** (1998) Division of Psychotherapy Student Development Competition, First Place Winner, \$300. *American Psychological Association*, Washington, DC.
- Bashe, A.G.** (1998) Sigma Xi Award, \$150. *SUNY at Stony Brook*, Stony Brook, NY.
- Beauchaine, Theodore.** (1998) Departmental Award for Excellence in Teaching, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Beauchaine, Theodore.** (1998) National Research Service Award, \$16, 590. National Institute of Mental Health, Rockville, MD.
- Bernier, Anderson.** (1998) W. Burghardt Turner Fellowship. *SUNY*, Stony Brook, NY.
- Casillas, Katherine.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Chiaramonte, Gabrielle.** (1998) Psi Chi Service Excellence Award for the Advancement of Research in Psychology. *Psi Chi, The Psychology National Honor Society*, SUNY at Stony Brook.
- De La Piedad, Xochitl.** (1998) Fulbright Scholarship. *Institute of International Education*, New York, NY.
- Dorrity, Keith.** (1998). Departmental Award for Excellence in Teaching, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Durbin, Catherine.** (1998) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Fyffe, C.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Gorin, Amy.** (1999) President's Award for Excellence in Teaching , \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Hamilton, Maryellen.** (1998) Madeline Fusco Fellowship Award, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Hamilton, Maryellen.** (1998) Mildred and Herbert Weisinger Fellowship, \$1000. *SUNY at Stony Brook*, Stony Brook, NY.
- Hamilton, Maryellen.** (1998) President's Award for Excellence in Teaching by a Graduate Student, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Han, C.J.** (1999) Fellowship for International School of Theory in the Humanities. Santiago, Spain, \$2950. *Humanities Institute, SUNY at Stony Brook*, Stony Brook, NY.
- Kees, Michelle R.** (1998) Departmental Award for Excellence in Teaching, \$100.
- Kees, Michelle R.** (1998) Departmental Award for Excellence in Research – 2nd Year Project, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Kees, Michelle R.** (1998) President's Award for Excellence in Teaching, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Kees, Michelle R.** (1998) *Putting Children First* Summer Fellowship, \$2800, travel expenses. *Center for Young Children and Families, Teachers College, Columbia University*, New York, NY.
- Lawrence, T.J.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

- Leake, Robin.** (1999) Madeline Fusco Fellowship, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Leisring, Penny.** (1998) Summer Graduate Council Dissertation Fellowship, \$3000. *SUNY at Stony Brook*, Stony Brook, NY.
- Lockridge, Calion.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Mailloux, Jennifer.** (1998) Department of Psychology Travel Award, \$300. *SUNY at Stony Brook*, Stony Brook, NY.
- Mailloux, Jennifer.** (1998) Graduate Student Organization Travel Award, \$200. *SUNY at Stony Brook*, Stony Brook, NY.
- Mao, J-B..** (1998) Departmental Award for Excellence in Research, \$100.
- Mao, J-B..** (1998) Travel Award, \$1039. The Second International Conference on Cognition and Neural Systems, Boston University, Boston, MA.
- Mashek, D.** (1998) Travel Award from the Society for the Psychological Study of Social Issues.
- McAtee, Michelle.** (1998) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Mashek, D..** (1999) National Science Foundation Graduate Fellowship Honorable Mention Award.
- McLaughlin-Volpe, Tracy.** (1998) American Psychological Association Travel Award, \$300.
- McNeal, Jeremy.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Meyer, Shannon.** (1999) President's Award to Distinguished Doctoral Students, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Pierre-Louis, J..** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Rapp, David N..** (1998) Departmental Award for Excellence in Research 2nd Year Project, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Rodrigues, Lisa.** (1999) President's Award for Excellence in Teaching, \$500. *SUNY at Stony Brook*, Stony Brook, NY.
- Schumacher, Julie.** (1998) *American Psychological Association* Travel Award, \$300. *SUNY at Stony Brook*, Stony Brook, NY.
- Steele, Jodi.** (1998) *American Psychological Association* Travel Award, \$300.
- Storch, Stacey.** (1998) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Strambler, Michael.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Thompson, Shawn.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Triesch, Susanne.** (1998) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- West, Tara.** (1998) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Wiens, Stefan.** (1998) Departmental Award for Excellence in Research, \$100. *SUNY at Stony Brook*, Stony Brook, NY.
- Woods, Cheryl.** (1998) W. Burghardt Turner Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.

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

Beauchaine, Theodore. (in press) Definitions and levels of analysis. *American Psychologist*.

Thompson, Shawn N. (1998) The role of culture in health research: Some considerations. *PsychDiscourse* 29 (11):

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

- Carlson, J.I., and Smith, C.E.** (1998) Finding the purpose of problem behavior and planning effective interventions: A guide for parents *Down's Syndrome: A promising future, together*. Hassold and Patterson, Eds. New York: Wiley Liss.
- Chelonis, J.J., Logue, A. W., Sheehy, R., and Mao, J-B.** (1998) Effects of response effort on self-control in rats. *Animal Learning and Behavior*, 26: 408-415.
- Klein, D., and **Durbin, E.** (1999/in press) The impact of childhood adversity and family history of psychotherapy in the course of dysthymic disorder. *Journal of Consulting and Clinical Psychology*
- Eitel, P., Friend, R., Griffin, K.W., and Wadhwa, N.K.** (1998) Cognitive control and consistency in compliance. *Psychology and Health*, 13: 953-973.
- Eitel, P., and Friend, R.** (in press) Reducing denial and sexual risk behaviors in college students: A comparison of a cognitive and a motivational approach. *Annals of Behavioral Medicine*.
- Exline, J.J., and Lobel, M.** (1999) The perils of outperformance: Sensitivity about being the target of a threatening upward comparison. *Psychological Bulletin*, 125: XXX-XXX.
- Exline, J.J., Yali, A.M., and Lobel, M.** (in press) When God disappoints: Difficulty forgiving God and its role in negative emotion. *Journal of Health Psychology*.
- Griffin, K.W., Friend, R., Kaell, A.T., Bennett, R.S., and Wadhwa, R.** (1999) Negative affect and physical symptom reporting: A test of explanatory models in two chronically ill populations. *Psychology and Health*, 14: 295-307.
- Kees, Michelle R., Filiano, Diana, and Birns, Beverly.** (1999) Batterer's in Suffolk County: Policy, Concerns, and recommendations. *A Report to the Suffolk County Executive's Task Force on Family Violence*. Published by Suffolk County.
- Mao, J-B., and Robinson, J.K.** (1998) Muscimol impairs performance efficiency, without impairing spatial memory, when infused into the dorsal but not the ventral hippocampus in rats. *Brain Research*, 784: 138-146.
- Mashek, D., Aron, A., and Aron, E.** (1999) Test item file to accompany *Statistics for Psychology (2nd ed.)* by Aron, A., and Aron, E. Upper Saddle River, New Jersey: Prentice Hall.
- Aron, A., and **Mashek, D.** (1999) Instructor's manual to accompany *Statistics for Psychology (2nd ed.)* by Aron, A., and Aron, E. Upper Saddle River, New Jersey: Prentice Hall.
- Moerk, K.C., and Klein, D.N.** (1999/in press) The development of major depressive episodes during the course of episodic major depression and dysthymia: A retrospective examination. *Journal of Affective Disorders*
- Mezzacappa, E.S., Katkin, E.S., and **Palmer, S.N.** (1999) Epinephrine, arousal and emotion: A new look at two-factor theory. *Cognition and Emotion*, 13: 181-199.
- Rapp, David N., and Gerrig, R.J.** (in press) Eponymous verb phrases and ambiguity resolution. *Journal of Memory and Cognition*.
- Kelsey, R., M., **Reiff, S., Wiens, S., Schneider, T.R., Mezzacappa, E.S., and Guethlein, W.** (1998) The ensemble averaged impedance cardiogram: An evaluation of scoring methods and inter-rater reliability. *Psychophysiology*, 35: 337-340.
- Wiens, S., and Emmerich, D.S.** (in press) Synthetic stimuli attenuate the effect of attention on the dichotic right-ear advantage. *Acta Psychologica*.

- Ritz, T., **Wiens, S.**, and Dahme, B. (1998) Stability of total respiratory resistance under multiple baseline conditions, isometric arm exercise and Vol. untary deep breathing. *Biological Psychology*, 49: 187-213.
- Yali, A.M.**, and Lobel, M. (1999) Coping and distress in pregnancy: An investigation of medically high risk women. *Journal of Psychosomatic Obstetrics and Gynecology*, 20: XXX-XXX.
- Lobel, M., **Yali, A.M.**, and Zhu, W. (1998) Emotional reactions to the stress of high-risk pregnancy: The role of optimism and coping (Abstract). *Annals of Behavioral Medicine*, 20: 29.

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

- Bashe, A.G.**, and Treboux, D. (1999) "Attachment revisited: understanding and regulating emotion in close relationships," Attachment security and emotional experiencing in adulthood. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Beauchaine, Theodore P.** (1999) Predicting subtypes of child noncompliance from maternal responses to videotaped defiance vignettes. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Beauchaine, Theodore P.** (1999) Using the web as a teaching tool. Seminar presented at the *Center for Excellence in Teaching*. SUNY at Stony Brook, Stony Brook, NY.
- Beauchaine, Theodore P.** (1999) Comorbid depression and cardiac function as predictors of inpatient treatment response by conduct-disordered, ADHD boys. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Chaudry, B.**, Heyman, R., **Lord, C.**, Treboux, D., and Waters, E. (1999) Observations of Marital Behavior: Is 15-minutes Sufficient to Score Behavior? Paper presented at the meeting of the *American Psychological Association*. Boston, MA.
- Chiaromonte, Gabrielle** and Friend, Ronald. (1999) Factors that Contribute to Gender Bias in the diagnosis and Treatment of Coronary Heart Disease. Paper presented at *The Society of Behavioral Medicine – 20th Annual Scientific Sessions*. San Diego, CA.
- Cottone, John**, and Squires, Nancy. (1999) Neuropsychological Performance as a Function of Health and Lifestyle Variables. Paper presented at the meeting of the *Cognitive Neuroscience Society*. Washington D.C.
- Culp, D.**, and Rajaram, S. (1999) Differential effects of divided attention at encoding and retrieval on conceptual implicit and explicit memory. Paper presented at the *70th Annual Meeting of the Eastern Psychological Association*. Providence, RI.
- Cunliffe, M.A.**, Lee C.B., **Bashe, A.G.**, and **Elliott, M.E.** (1999) "Thanks Mom!" or "Mom, No Thanks:" Emotion Regulation and Attachment in Adolescence. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- DeVincent, Carla J.**, and Lobel, Marci (1999) Prospective Impact of Prenatal Maternal Stress, Race, and Optimism on Birthweight. Paper presented at the conference of the *Society of Behavioral Medicine*. San ego, CA.
- Drabick, Deborah A.G.**, Ettinger, A.B., Nolan, E.E., Weisbrot, D.M., Andriola, M.R., and Vitale, S.A. (1998) Externalizing and internalizing symptoms in children and adolescents with epilepsy versus migraine. Poster presented at the annual meeting of the *American Epilepsy Society*, an iego, CA.
- Drabick, Deborah A.G.**, Nolan, E.E., Gadow, K.D., and Sprafkin, J. (1998) Inter-rater agreement of psychiatric symptomatology in attention-deficit/hyperactivity disorder and epilepsy. Poster presented at the 45th annual meeting of the *American Academy of Child and Adolescent Psychiatry*, Anaheim A.
- Ettinger, A.B., Weisbrot, D.M., Vitale, S.A., Gadow, K.D., **Drabick, Deborah A.G.**, Nolan, E.E., Lenn, N.J., Andriola, M.R., Hermann, B.P., and Novak, G.P. (1998) Relation of anxiety and depression symptoms with family functioning in pediatric patients with epilepsy versus migraine. Poster presented at the annual meeting of the *American Epilepsy Society*. San Diego, CA.

- Drabick, Deborah A.G.** (1999) Construct validity of subtypes of child noncompliance. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Drabick, Deborah A.G., Nolan, E.E., Gadow, K.D., and Sprafkin, J.** (1999) Self-report and parent report of psychiatric symptoms in youngsters with attention-deficit/hyperactivity disorder and epilepsy. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Fyffe, C., and Lord, C.** (1999) Investigation of Secure Base Behavior in Adult Partnerships: Definition, Method, and Correlates. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Gao, Y., Elliott, M.E., and Waters, E.** (1999) Maternal Attachment Representations and Support for Three Year-Olds' Secure Base Behavior. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Gao, Y., Lord, C., and Wais, D.** (1999) Do Men and Women Follow the Same Path?: Attachment Representations and Secure Base Behavior. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Han, C.J., Pierre-Louis, J., Scheft, A., and Robinson, J.K.** (1998) An Adjusting-Delay Operant Delayed Nonmatching-to-position (DNMTP) Task Dissociates Effects of Amnestic Drugs. *Society for Neuroscience*. Los Angeles, CA.
- Hen-Tov, Jonathan, Harkavy, Lisa, Cottone, John and Squires, Nancy.** (1999) Auditory Evoked Potentials Using Speech and Non-speech Sounds in a Dichotic Listening Paradigm. Paper presented at the meeting of the *Cognitive Neuroscience Society*. Washington, D.C.
- Jaffee, William** (1999) Social Problem-Solving Abilities of Parents and Their Adolescent Children: Prediction of Adolescent Problem Behaviors. Poster presented at the 33rd Annual Convention, *AABT*.
- Jeffries, P. W., Gerrig, R.J., and Levine, M.** (1999) Studying Insight Without Altering It: A Comparison of Thinking Aloud and Warmth Ratings. Poster presented at the 70th meeting of the *Eastern Psychological Association*. Providence, RI.
- Kees, Michelle R., O'Sullivan, Chris, and Birns, Beverly.** (1999) Children of domestic violence when mothers leave: Continuation of violence and policy implications. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Lawrence, T.J., Chaudry, B., and Zevallos, A.** (1999) Consistency of Feelings and Conflict Behaviors Across Romantic Relationships. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Mailloux, Jennifer, Knapp, K., Thomas, J., and Brener, J.** (1998) Measuring detection thresholds for vibratory stimuli applied to the chest. Paper presented at the 28th annual meeting of the *Society for Neuroscience*. Los Angeles, CA.
- Mao, J-B.** (1999) Does the dorsal extent of the hippocampus mediate sustained attention? Neurobehavioral Unit (127A). *Department of Veterans Affairs Medical Center*. East Orange, NJ.
- Mao, J-B., and Robinson, J.K.** (1998) Simultaneous assessment of sustained attention and motivation in a novel operant task in rats. Paper presented at the meeting of the *Society for Neuroscience*. Los Angeles, CA.
- Mashek, D., Strambler, M., and Wortman, C.** (1998) Race differences in response to loss of a spouse. Poster presented at the annual meeting of the *Society for the Psychological Study of Social Issues*. Ann Arbor, MI.
- Mashek, D., Strambler, M., Fontenella, D., and Wortman, C.** (1999) Personalizing the large health psychology lecture course. Poster presented at the *Teaching of Psychology preconference of the American Psychological Society*. Denver, CO.

- McNeal, Jeremy** (1999) Subjective Well Being and Adjustment to Chronic Illness. Paper presented at the conference of the *Society of Behavioral Medicine*. San Diego, CA.
- Olmsted, M.E.** (1999) A Special Case? Parental Alcoholism or Alcoholism in the Current Relationship. Paper presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Olmsted, M.E., and Chaudry, B.** (1999) Coping with an Alcoholic Husband: Learned Behavior? Paper presented at the meeting of the *American Psychological Association*. Boston, MA.
- Palmer, S.N., Wiens, S., Eads, T.V., Borrero, C.J., and Katkin, E.S.** (1999) Pain sensitivity and heartbeat detection. Presented at the meeting of the *Eastern Psychological Association*. Providence, RI.
- Baek, D., Rapp, David N., Coburn-Litvak, P., McCloskey, D., Robinson, J., and Anderson, B.** (1998) Exercise influences 8-arm radial maze performance. Presented at the *Society for Neuroscience*. Los Angeles, CA.
- Silverberg, S., and Samuel, A.G.** (1999) Syllable Representation in Speech. Paper presented at the meeting of the *American Psychological Association*. Boston, MA.
- Mattson, M.E., Neville, A.E., Patino, C.M., Silverberg, S., and Wilson, J.L.** (1998) Voluntary Control of Speech Errors. Paper presented at the meeting of the *Eastern Psychological Association*. Boston, MA.
- Symister, Petra, Friend, Ronald, Wadhwa, Nand K., Suh, Heesuck.** (1999) Optimism and Pessimism as Predictors of Survival in Chronically Ill Patients. Paper presented at the *Society of Behavioral Medicine 20th Annual Scientific Sessions*. San Diego, CA.
- Thompson, Shawn N.** (1998) African Cultural Identity and Health-Promoting Behavior: Developing a Research Agenda. Paper presented at the *Minority Mental Health Research Program*. Morgan State University, Baltimore, MD.
- Thompson, Shawn N.** (1999) Deep versus Surface Structure of Cultural Identity and its Role in Stress Management. Paper presented at the Imhotep Student Research Forum, *Southeastern Regional Conference of the National Association of Black Psychologists*. Tallahassee, FL.
- Thompson, Shawn N., and Friend, Ronald.** (1999) Cultural Differences in Worldview and Adjustment to Academic Stress. Paper presented at the *Society of Behavioral Medicine, 20th Scientific Session*. San Diego, CA.
- Wiens, S., Palmer, S.N., Eads, T.V., Borrero, C.J., and Katkin, E.S.** (1999) Heartbeat detection and self-reported performance. Presented at the meeting of the *Eastern Psychological Association*. Providence, RI.
- Wiens, S., Park, G., Katkin, E.S., Rajaram, S., and Kelsey, R.M.** (1998) Physiological Detection of Deception and the False Memory Phenomenon. Paper presented at the meeting of the *Society for Psychophysiological Research*. Denver, CO.

❖ Post-Doctorates Obtained and Professional Appointments

Mao, J-B. (1998) Post-Doctoral fellow. Department of Neurobiology and Behavior, *SUNY at Stony Brook*.

❖ Internship Appointments

Bashe, A.G. (1999) Clinical Psychology Intern. Department of Human Services, *State of Colorado*, Denver, CO.

Beauchaine, Theodore. (1999) Clinical Psychology Intern. Department of Psychiatry, *University of California*, San Diego.

Boyle, Douglas. (1999) Clinical Psychology Intern. Department of Psychiatry, *New Jersey Medical School*, Newark, NJ.

Fyffe, C. (1999) Clinical Psychology Intern. Department of the Air Force, *Malcolm Grow Medical Center*,

Andrews AFB, MD.

Gorin, Amy. (1999) Clinical Psychology Intern. Department of Psychiatry and Human Behavior, *Brown University*, Providence, RI.

Kasch, Karen. (1999) Clinical Psychology Intern. Department of Veterans Affairs, *Palo Alto Health Care System*, Palo Alto, CA.

Walter, Abbe. (1999) Clinical Psychology Intern. *Hillside Hospital, Long Island Jewish Medical Center*, Glen Oaks, NY.

SOCIAL WELFARE

GRADUATE DIRECTOR: JOEL BLAU

✦ Grants, Fellowships, and Awards

Ebbighausen, Loretta. (1999) National "State Policy Plus One Award" for Best social policy paper, \$300.

SOCIOLOGY

GRADUATE DIRECTOR: IAN ROXBOROUGH
DEPARTMENT CHAIR: DIANE BARTHEL

❖ Grants, Fellowships, and Awards

- Barba-Reyes, Richard.** (1999) President's Award for Excellence in Teaching by a Graduate Student, \$500.00. *SUNY at Stony Brook*, Stony Brook, NY.
- Gao, Chao.** (1998) ACT Student Initiative Award. *Association of Council Members and College Trustees of the State University of New York*, Albany, NY.
- Kaufman, Peter.** (1998) President's Award for Excellence in Teaching by a Graduate Student, \$500.00. *SUNY at Stony Brook*, Stony Brook, NY.
- Kaufman, Peter.** (1998) Teaching Assistant Essay Contest. Graduate School Teaching Assistant Training Program and the Center for Excellence in Learning and Teaching, \$500.00. *SUNY at Stony Brook*, Stony Brook, NY.
- Manolakes, Lucinda A.** (1998) Dissertation Research Improvement Grant, \$7, 474. *National Science Foundation*, Washington, DC.
- Moynihan, Patrick.** (1998-1999) Dissertation Research Grant, \$11, 557. *Office of AIDS, National Institute of Mental Health*, Bethesda, MD.
- Trillo, Alexander.** (1998) Dissertation Research Improvement Grant, \$3, 800. *National Science Foundation*, Washington, DC.
- Wilson-Corzen, Vondora.** (1998) W. Burghardt Turner Fellowship, \$14, 000. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Cullen, Pauline.** (in press) Coalitions working for Social Justice - Transnational NGOs and International Governance. *Contemporary Justice Review Journal*.
- Dennis, Jeffery P.** (1999) Book review of "Scandinavian Homosexualities," edited by Jan Lofstrom. *Nordic Notes* 2.1
- Dennis, Jeffery P.** (in press) (Heterosexual) Boys and Homosocial Panic on Prime Time Television. *Symbolic Childhoods*. D. Cook, Ed.
- Dennis, Jeffery P.** (in press) Book review of "Male Matters: Masculinity, Anxiety, and the Male Body on the Line." *Men and Masculinity*. Calvin Thomas, Ed.
- Dennis, Jeffery P.** (in press) Cross-Cultural Sexuality. *Pedagogical Aids for Teaching Global Sociology*: American Sociological Association.
- Dennis, Jeffery P.** (1999) Homosexuality. *The Reader's Guide to Gay and Lesbian Studies*. R.M. Salkin, Ed. Chicago: Fitzroy Dearborn Publishers.
- Dennis, Jeffery P.** (1999) Labeling Theory. *The Reader's Guide to Gay and Lesbian Studies*. R.M. Salkin, Ed. Chicago: Fitzroy Dearborn Publishers.
- Dennis, Jeffery P.** (1999) Sociology: Continuing Issues and Controversies. *The Reader's Guide to Gay and Lesbian Studies*. R.M. Salkin, Ed. Chicago: Fitzroy Dearborn Publishers.

- Dennis, Jeffery P.** (in press) *Global Sexualities: A Crosscultural and Multinational Reader in the Gay and Lesbian Experience*. Dennis, J.P., Ed. Temple University Press.
- Diamond, Diane.** (1998) Book review of "The Channeling Zone: American Spirituality in an Anxious Age" by Michael F. Brown. *Contemporary Sociology*.
- Diamond, Diane.** (in press) Manufactured Memories? (Review of *Betrayal Trauma: The Logic of Forgetting Childhood Abuse* by Jennifer J. Freyd.) *Gender and Society*. B.E. Schneider, Ed. Thousand Oaks, CA: Sage Periodicals Press.
- Kaufman, Peter.** (1998) Book review of "The Forest and the Trees: Sociology as Life, Practice and Promise" by Allan G. Johnson. *Teaching Sociology* 26: 229-230.
- Kaufman, Peter.** (in press) Book review of "Challenging Macho Values: Practical Ways of Working with Adolescent Boys" by Jonathan Salisbury and David Jackson. *Men and Masculinities*.
- Linders, Annulla.** (1998) Abortion as a Social Problem: The Construction of 'Opposite' Solutions in Sweden and the United States. *Social Problems* 45 (4):488-509.
- Lindquist, Carol S.** (in press) Book review of "We Are What We Eat" by Donna Gabaccia. *Contemporary Sociology*.
- Manolakes, Lucinda A.** (in press) Book review of "Real Heat: Gender and Race in the Urban Fire Service." *Men and Masculinities* 2 (1).
- Sacks, Nancy.** (1999) Book review of "Constructing Female Identities: Meaning Making in an Upper Middle Class Youth Culture" by Amira Proweller *Choice* 36: 5.
- Sacks, Nancy.** (in press) Book review of "*Faculty-Student Sexual Involvement: Issues and Interventions*" by Virginia Lee Stamler and Gerald L. Stone. *Choice*.
- Sacks, Nancy.** (in press) Book review of "Taking Women Seriously: Lesson and Legacies for Educating the Majority." *Choice*.

❖ Jointly Authored Publications/Research Reports/Reviews

- Barthel, Diane, **Czepiel, Scott**, and Lutz, Andrew. (1998) Five Processes of Separation: Historical Communities and the Manipulation of Representation. *Research in Community Sociology* Vol. 8: pp. 287-304. D. A. Chekki, Ed. New York: JAI Press.
- Smith, Jackie, **Bolyard, Melissa**, and **Ippolito, Anna A.** (1999) Human Rights and the Global Economy: A Response to Meyer. *Human Rights Quarterly* 21 (1): 207-219.

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

- Adams, Richard and **Sievers, Sylvia.** (1998) Pathways Out of the Mental Health System: The Suffolk County Mental Health Project 24-Month Follow-Up. *The 93rd Annual Meeting of the American Sociological Association*. San Francisco, CA.
- Barron, Martin.** (1998) Factors Influencing Virginity Loss Prior to High School Graduation: A Survival Analysis. *Annual Meeting of the Society for the Study of Social Problems*. San Francisco, CA.
- Barron, Martin.** (1999) Email Surveying: A Preliminary Analysis. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Bruzzese, Vincent** and **Ippolito, Anna A.** (1999) The Formal Consequences of Informal Associations: Religion, Civil Society and Wage Inequality Between Men and Women in Post-Communist Eastern Europe. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.

- Cole, Stephen, Barber, Elinor, **Linders, Annulla**, and **Bolyard, Melissa**. (1999) Recruiting Minority Faculty Members: The Occupational Choices of High Achieving Minority College Graduates. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Cullen, Pauline**. (1998) Sponsored Mobilization: Transnational Non-Governmental Organizations, International Governance and Activism for Social Rights. *Georgetown University Center for German and European Studies Graduate School*. Washington, DC.
- Cullen, Pauline**. (1999) Non-Governmental Organizations and European Governance: The Transnationalization of the European Non-Profit Sector. *Duke University International Institutions Conference*. Durham, NC.
- Cullen, Pauline**. (1999) Pan-European Non-Governmental Organizations: European Union Sponsored Mobilization and Activism for Social Rights. *Bi-Annual Meeting of European Community Studies Association*. Pittsburgh, PA.
- Cullen, Pauline**. (1999) Coalitions Working for Social Justice: Transnational Non-Governmental Organizations and International Governance. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Dennis, Jeffery P.** (1998) The Influence of Homophobia and Perceived Homophobia on the Job Search for Recent Doctoral Recipients. *Annual Meeting of the New York State Sociological Association*. New York, NY.
- Dennis, Jeffery P.** (1998) Gay/Nongay Friendships: The Undiscovered Country. *Men's Studies Association Conference*. SUNY at Stony Brook, Stony Brook, NY.
- Dennis, Jeffery P.** (1998) Monstrous Desire for the Infinite: A Queer Reading of Classical Sociological Theory. *Annual Meeting of the International Sociological Association Congress*. Montreal, Canada.
- Dennis, Jeffery P.** (1999) The Effect of Homophobia on the Academic Job Search. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Diamond, Diane** and Kimmel, Michael. (1999) The Integration of Women into the United States Military Academy at West Point, 1976-1996. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Duchowny, Laurie**. (1998) Life Plus 99 Years: Nathan Leopold and the Sociological Narrative of Self. *The 93rd Annual Meeting of the American Sociological Association*. San Francisco, CA.
- Eterovic, Ivana** and **Wiest, Dawn**. (1999) Transnational Social Movement Organizations in the World Polity: Predictors of Organizational Dissolution. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Heller, Jacob**. (1999) The Social Construction of Medical Problems: Diphtheria and Pertussis Vaccines in the Early Twentieth Century. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Imai, Jun**. (1999) Local Currencies: The Use of Currency in Social Movements. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Kaufman, Peter**. (1998) Preparing for the Future: Female and Male College Students Differing Discourses on Work and Family Responsibility. *Work and Family: Today's Realities and Tomorrow's Visions*. Boston, MA.
- Kaufman, Peter**. (1999) Achieving the Expected: A Micro-Analysis of Middle Class Cultural Reproduction. *The 69th Annual Meeting of the Eastern Sociological Society*. Boston, MA.
- Linders, Annulla**. (1998) The Execution Audience and State Legitimacy. *The 93rd Annual Meeting of the American Sociological Association*. San Francisco, CA.
- Manolakes, Lucinda A.** (1998) What About the Women and Children? Investigating the Effects of Vol. unteer Firefighting on Marriage and Family Life. *Annual Meeting of the Association for Research on Nonprofit Organizations and Voluntary Action*. University of Washington, Seattle, WA.
- Moynihan, Patrick**. (1998) Consistency in Heath Knowledge. *The 93rd Annual Meeting of the American Sociological Association*. San Francisco, CA.

- Newmahr, Staci.** (1999) Television Advertising: Toward a Theory of Media Socialization. *The 69th Annual Meeting of the Eastern Sociological Society.* Boston, MA.
- Pugliani, Patricia** and Gagnon, John H. (1998) Social Relationships with Persons With AIDS. *The 93rd Annual Meeting of the American Sociological Association.* San Francisco, CA.
- Rawlins, Roblyn.** (1999) The Mothers' Club of Cambridge: Reappropriating, Reconfiguring, and (Re)presenting Expert Knowledge. *The 69th Annual Meeting of the Eastern Sociological Society.* Boston, MA.
- Sacks, Nancy.** (1998) Managing an Office Staff, Student Help, and All the Comings and Goings. *The 93rd Annual Meeting of the American Sociological Association.* San Francisco, CA.
- Smith, Jackie, **Bolyard, Melissa,** and **Ippolito, Anna A.** (1998) World System vs. World Culture: Human Rights and Transnational Corporations. *The 93rd Annual Meeting of the American Sociological Association.* San Francisco, CA.
- Smith, Jackie, **Bolyard, Melissa,** and **Ippolito, Anna A.** (1998) Globalization and Human Rights: Friends or Foes? *Conference on Democratization and Human Rights.* SUNY at Binghamton, Binghamton, NY.
- Wilson-Corzen, Vondora.** (1998) The International Lesbian and Gay Association's Struggle for Consultative Status with the United Nations. *The 93rd Annual Meeting of the American Sociological Association.* San Francisco, CA.
- Wilson-Corzen, Vondora.** (1999) Are Black Female IV Drug Users the New Risk Takers: An Exploration of Characteristics of Drug Abusing Arrestees in the Criminal Justice System. *The 69th Annual Meeting of the Eastern Sociological Society.* Boston, MA.
- Winston, Fletcher.** (1999) From Outrage to Acceptance: Implications of Organizational Legitimation Processes on Cultural Pressure. *The 69th Annual Meeting of the Eastern Sociological Society.* Boston, MA.

❖ Post-Doctorates Obtained And Professional Appointments

- Kogacioglu, Dicle.** (1998) Visiting Lecturer. Department of Sociology, *Bogaczi University,* Istanbul, Turkey.
- Linders, Annulla.** (1998) Assistant Professor. Department of Sociology, *University of Cincinnati,* Cincinnati, OH.
- Lindquist, Carol S.** (1998) Copy Editor. *Immigration, Citizenship, and the Welfare State in Germany and the United States, Parts A and B.* H. Kurthen, J. Fijalkowski, and G.G. Wagner (Eds.). Stanford, CT: JAI Press, Inc.
- Lindquist, Carol S.** (1998) Copy Editor. "International Sociology," A journal of the International Sociological Association, Department of Sociology, *SUNY at Stony Brook,* Stony Brook, NY.
- Lindquist, Carol S.** (1998) Managing Editor. "Men and Masculinities," An interdisciplinary, international journal of gender issues, Department of Sociology, *SUNY at Stony Brook,* Stony Brook, NY.
- Peabody, Carolyn.** (1998) Undergraduate Program Director. School of Social Welfare, *SUNY at Stony Brook,* Stony Brook, NY.

❖ Internship Appointments

- Barron, Martin.** (1998) Summer Intern. *National Opinion Research Center,* Chicago, IL.
- Czepiel, Scott.** (1998) Summer Intern. *National Opinion Research Center,* Chicago, IL.

❖ Other

Czepiel, Scott. (1998) Created, developed, and implemented department's website. Department of Sociology,
SUNY at Stony Brook, Stony Brook, NY.

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