

ACKNOWLEDGEMENTS

The Graduate School is proud to recognize graduate student accomplishments by means of this publication, and to provide a comprehensive interdisciplinary bibliographic source. We hope the quality and caliber of work represented in this *Graduate Student Achievements* will encourage continuous participation by all Stony Brook graduate programs. *Graduate Student Achievements* is widely distributed throughout the Stony Brook campus, SUNY Central in Albany, and to our affiliate SUNY campuses. It is also available on the internet through The Graduate School's home page (<http://www.grad.sunysb.edu/>). This issue covers the 1996-1997 academic year.

We 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:

Plane of Focus (1997)
Gregory Bryson
Oil on plywood

Gregory Bryson is a graduate student in the Master of Fine Arts program, and winner of the 1997 Dorothy L. Pieper Memorial Purchase Prize.

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INTRODUCTION

At the Graduate School, Dr. Lawrence B. Martin serves as the Dean for Graduate Studies. He also holds faculty appointments in the Departments of Anthropology and Anatomical Sciences where he is a Professor of Physical Anthropology.

The Graduate School staff is available to help graduate students, faculty, and other university staff in any way we can. Please feel free to visit us in the Graduate School offices, located in Suite 2401 on the second floor of the Computer Science Building. Our telephone number is 632-7040. The names of the staff members follow, together with a brief summary of the functions of each.

Lawrence B. Martin

Dean of the Graduate School

Elizabeth Barnum

Assistant Dean. International Scholar Services

D. Ann Carvalho

Assistant Dean. Admissions and Records

John P. Schmidt

Assistant Dean. Budget and Finance,
Tuition Scholarships, Fellowships and Awards

Sheila Levine

Dissertations/Theses Processing

Jeanne Reiersen

Office Manager and Secretary to the Dean,
Graduation, Committee Approvals,
Time Limit Waivers, Advancement to Candidacy

Ajay Gupta

Graduate Assistant, Computer Network Support

GREETINGS FROM THE DEAN

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 postdoctoral 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

ARTS AND SCIENCES

Dean Paul Armstrong

Anthropological Sciences
Art History & Criticism and Studio Art
Cellular and Developmental Biology
Chemistry
Comparative Studies
Earth and Space Sciences
Ecology and Evolution
Economics
English
French and Italian
Genetics
Germanic and Slavic Languages and Literature
Hispanic Languages and Literature
History
Linguistics
Mathematics
Molecular Biology and Biochemistry
Music
Neurobiology and Behavior
Philosophy
Physics
Political Science
Psychology
Sociology
Theater Arts

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

ENGINEERING AND APPLIED SCIENCES

Dean Yacov Shamash

Applied Mathematics and Statistics
Computer Science
Electrical Engineering
Harriman School of Management and Policy
Materials Science and Engineering
Mechanical Engineering
Technology and Society

MARINE SCIENCES RESEARCH CENTER

Dean Kirk Cochran

Marine Sciences

ANATOMICAL SCIENCES

Graduate Director: Brigitte Demes

Department Chair: Jack Stern

GRANTS, FELLOWSHIPS AND AWARDS

Curry, Kristina A. (1997) Pre-doctoral Research Fellowship, Honorable Mention. *National Science Foundation*, Oak Ridge, Tennessee

Curtice, B.D. (1997) Research Grant. *The Dinosaur Society*, East Islip, New York.

Curtice, B.D. (1997) Outstanding Thesis Award. *Brigham Young University*, Provo, Utah

O'Connor, P.A. (1997) Graduate Research Fellowship. *National Science Foundation*.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Curtice, B.D. (1997) So long *Ultrasauros*. *Dinosaur Discoveries* 3. S. Cole, Ed. Austin, Texas: Tiger Publications. pp.1-2

Curtice, B.D. (in Press) Sauropod tripodality. *Dinosaur Discoveries* 4. S. Cole, Ed. Austin, Texas: Tiger Publications.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Curtice, B.D., Stadtman, K.L., and Curtice, L.J. (1996) A reassessment of *Ultrasauros macintoshi*. *Museum of Northern Arizona Bulletin* 60: 87-95.

Curtice, B.D., and Wilhite, D.R. (1996) A re-evaluation of the Dry Mesa Dinosaur Quarry Sauropod fauna with a description of juvenile Sauropod elements. *Geological Association Guidebook* 25: 325-338.

Britt, B.B., and **Curtice, B.D.** (in press) Dry Mesa Dinosaur Quarry. *Encyclopedia of Dinosaurs*, P.J. Currie and K. Padian, Eds. San Diego: Academic Press.

Gindi, G., **Dougherty, D.**, Hsiao, I., and Rangarajan, A. (in press) Autoradiographic-based phantoms for emission tomography. *SPIE Medical Imaging*. K. Hanson, ed. SPIE.

Hunter, J.P. and Pearson, D.A. (1996) First record of Lancian (Late Cretaceous) mammals from the Hell Creek Formation of southwestern North Dakota, U.S.A. *Cretaceous Research* 17 (5): 633-643

Jernvall, J., **Hunter, J.P.**, and Fortelius, M. (1996) Molar tooth diversity, disparity, and ecology in Cenozoic ungulate radiations. *Science* 274: 1489-1492.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Cole, M. (1997) Functional Inference in Paleontology. Invited Presentation, *College of Osteopathic Medicine*. Kansas City, Missouri

Cole, M. (1997) Locomotor Morphology in Large Terrestrial Vertebrates. Anatomy Seminar Series, *Howard University*. Washington, D.C.

Cole, M. (1997) Postcranial Adaptations in the Chalicotheroidea. Department of Anatomy and Cell Biology Seminar, *The Johns Hopkins University*. Baltimore, Maryland

Curry, Kristina A (1996) Diplodocid Osteogenesis. *56th Annual Meeting, Society of Vertebrate Paleontology*. American Museum of Natural History, New York. *Journal of Vertebrate Paleontology* 16(3):29A

Curtice, B.D., and Curtice, L.J. (1996) Death of a Dinosaur. *56th Annual Meeting, Society of Vertebrate Paleontology*. American Museum of Natural History, New York. *Journal of Vertebrate Paleontology* 16 (3): 26A.

Dougherty, D., Hsiao, I., Wang, W., and Gindi, G. (1997) Computerized Biological Brain Phantom for Evaluation of PET and SPECT Reconstruction. *IEEE Nuclear Science Symposium and Medical Imaging Conference 1997*. Albuquerque, New Mexico

Eliot, D.J. (1996) Effect of head position on recruitment of upper trapezius during arm efforts. *International Conference on Spinal Manipulation*. Bournemouth England

Jernvall, J., **Hunter, J.P.**, and Fortelius, M. (1996) Molar shape diversity in ungulate evolution. *Fifty-Sixth Annual Meeting, Society of Vertebrate Paleontology*. American Museum of Natural History, New York

POST DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

ANATOMICAL SCIENCES

Cole, M. (1996-1997) Instructor. Department of Anatomy, *Howard University*, Washington, D.C.

Cole, M. (1997) Assistant Professor. Department of Anatomy, College of Osteopathic Medicine, *The University of Health Sciences*, Kansas City, Missouri

Hunter, J.P. (1996-1998) Postdoctoral Instructor. Department of Anatomy, *New York College of Osteopathic Medicine*, Old Westbury, New York

Eliot, D.J. (1996-1998) Curator of Anatomical Materials. Department of Anatomy, *New York College of Osteopathic Medicine*, Old Westbury, New York

ANTHROPOLOGICAL SCIENCES (DPAS)

Graduate Director: Frederick E. Grine

GRANTS, FELLOWSHIPS AND AWARDS

- Asher, Robert** (1996) Dinosaur Society Graduate Fellowship, \$14,000. *The Dinosaur Society*, East Islip, New York.
- Bradley, Brenda**, and Stumpf, Rebecca M. (1997) Conservation Grant, \$2,500. *Primate Conservation, Inc.*, East Hampton, New York.
- Callans, Jennifer** (1997) Monbusho Summer Program, \$6,500. *National Science Foundation*, Washington, D.C.
- Clark-Schmidt, Catharine** (1997) Predoctoral Research Fellowship, Honorable Mention. *National Science Foundation*, Washington, D.C.
- Dollar, Luke J.** (1997) Conservation Grant, \$5,000. *The Douroucouli Foundation*, Los Angeles, California
- Lam, Yin M.** (1997) Research Grant, \$1,500. *Wenner-Gren Foundation*, New York, New York.
- Lam, Yin M.** (1997)) Dissertation Research, £750. *Boise Fund*, Oxford, United Kingdom.
- Pearson, Osbjorn M.** (1996) Research Grant, \$4,200. *Wenner-Gren Foundation*, New York, New York.
- Pearson, Osbjorn M.** (1996) Dissertation Research, \$1,140. *Boise Fund*, Oxford, United Kingdom.
- Porter, Leila M.** (1996) Conservation Grant, \$2,620. *Margot Marsh Biodiversity Foundation*, Washington, D.C.
- Ratsimbazafy, Jonah** (1997) Research Grant, \$12,500. *Wenner-Gren Foundation*, New York, New York.
- Ratsimbazafy, Jonah** (1996) Conservation Grant, \$2,000. *Primate Conservation, Inc.*, East Hampton, New York.
- Richmond, Brian G.** (1997) Grant-in-Aid of Research, \$600. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.
- Shah, Natasha** (1997) Dissertation Improvement Grant, \$11,000. *National Science Foundation*, Washington, D.C.
- Shah, Natasha** (1997) Grant-in-Aid of Research, \$600. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.
- Shah, Natasha** (1997) Conversation Grant, \$6,400. *Wildlife Conservation Society*, New York, New York.
- Shah, Natasha** (1996) Conversation Grant, \$4,350. *Primate Conservation, Inc.*, East Hampton, New York.
- Bradley, Brenda, and **Stumpf, Rebecca M.** (1997) Conservation Grant, \$2,500. *Primate Conservation, Inc.*, East Hampton, New York.
- Wunderlich, Roshna E.** (1996) Travel Award, \$150. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Goldsmith, Michele** (in press) Seasonal changes in foraging effort influence the grouping behavior of western lowland gorillas in the Central African Republic *American Journal of Primatology*.
- McGraw, Scott** (in press) Cercopithecoid Locomotion, Support Use and Support Availability in the Tai Forest, Ivory Coast. *American Journal of Physical Anthropology*.
- Porter, Leila M.** (in press) Influences on the distribution of *Lepilemur microdon* in the Ranomafana National Park, Madagascar. *Folia Primatologica*.
- Reed, Kaye E.** (in press) Early Hominid Evolution and Ecological Change through the African Plio-Pleistocene. *Journal of Human Evolution*.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Kimbel, W.H., Walter, R.C., Johnson, D.C., Reed, K.E., Aronson, J.L., **Assefa, Zelalem**, Marean C.W., Eck, G.G., Bobe, R., Hovers, E., Rak, Y., Vondra, C., Yemane, T., York, D., Chen, Y., Evensen, N.M., Smith, P.E. (1996) Late pliocene homo and Oldowon tools from the Hadar Formation (Kada Hadar Member) Ethiopia. *Journal of Human Evolution*, 31: 549-561.
- Freehling, Joel** and Marks, S. (in press) A century of change in the Central Luangwa Valley of Zambia. *Biological Conservation and Sustainable use*. New York: Blackwell Science.
- Lague, Michael R.** and Jungers, W.L. (in press) Morphometric Variation in Plio-Pleistocene hominid distal humeri. *American Journal of Physical Anthropology*.
- Lam, Yin M.**, Pearson, Osbjorn M., and Smith, C.M. (1996) Chin morphology and sexual dimorphism in the fossil hominid mandible sample from Klasies River Mouth. *American Journal of Physical Anthropology* 100: 545-557.

- Lockwood, Charles A.**, Richmond, Brian G., Jungers, W.L. and Kimbel, W.H. (1996). Randomization procedures and sexual dimorphism in *Australopithecus afarensis*. *Journal of Human Evolution* 31: 537-548.
- Norejko, Jay N.** and Beard, K.C. (1996) A highly diverse Clarkforkian plesiadapiform assemblage from Big Multi Quarry, Washakie Basin, Wyoming. *Journal of Vertebrate Paleontology* 16 (3): 56A.
- Churchill, S.E., **Pearson, Osbjorn M.**, Grine, F.E. and Holliday, T.W. (1996) Morphological affinities of the proximal ulna from Klasies River main site: archaic or modern? *Journal of Human Evolution* 31: 213-237.
- Pearson, Osbjorn M.** and Grine, F.E. (in press) Re-analysis of the hominid radii from Cave of Hearths and Klasies River Mouth, South Africa. *Journal of Human Evolution*.
- Lam, Yin.M., **Pearson, Osbjorn M.**, and Smith, C.M. (1996) Chin morphology and sexual dimorphism in the fossil hominid mandible sample from Klasies River Mouth. *American Journal of Physical Anthropology* 100: 545-557.
- Fleagle, J.G., and **Reed, Kaye E.** (in press) Comparing Primate Communities: A Multivariate Approach. *Journal of Human Evolution*.
- Godfrey, L., Jungers, W.L. **Reed, Kaye E.**, and Simons, E. (in press) Primate Subfossils: Inferences about Past and Present Primate Community Structure. *Natural and Human Influenced Environmental Change in Madagascar*. B. Patterson and S. Goodman, eds.
- Lockwood, Charles A., Richmond, Brian G.**, Jungers, W.L. and Kimbel, W.H. (1996) Randomization procedures and sexual dimorphism in *Australopithecus afarensis*. *Journal of Human Evolution*, 31: 537-548.
- Schapiro, S.J., Bloomsmith, M.A., **Suarez, Scott A.** and **Porter, Leila M.** (1996) Effects of Social and Inanimate Enrichment on the Behavior of Yearling Rhesus Monkey. *American Journal of Primatology* 40: 247-260.
- Godfrey, L.R., Jungers, W.L., **Wunderlich, Roshna E.** and **Richmond, Brian G.** (in press) Reappraisal of the postcranium of *Hadropithecus* (Primates, Indroidea) *American Journal of Physical Anthropology*.
- Demes, A.B., W.L. Jungers, J.G. Fleagle, **Wunderlich, Roshna E.**, **Richmond, Brian G.**, and Lemelin, Pierre (1996) Body Size and leaping kinematics in Malagasy vertical clingers and leapers. *Journal of Human Evolution* 31: 367-388.
- Demes, B., Jungers, W.L., **Wunderlich, Roshna E.**, **Richmond, Brian G.**, Fleagle, J.G., and Lemelin, P. (in press) Leaping Kinematics of Indriid Primates. *Journal of Human Evolution*.

RECORDINGS

- Assefa, Zelalem** (1997) Transferred maps in J.D. Clark 1967 *Atlas of the prehistory of Africa* into a digital format. Total number of maps transferred to the GIS digital format 16.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Ahluwalia, Kamla** (1997) Patterns of bone density and loading in the knee joint: A comparison between modern humans and gorillas. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*, St. Louis, Missouri. *American Journal of Physical Anthropology, Supplement 24*: 63-64.
- Asher, Robert** (1997) African and Malagasy tenrecs: a biogeographic parallel with lemuriform primates? *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Journal of Physical Anthropology, Supplement 24*: 69-70.
- Bradley, Brenda, Stumpf, Rebecca M.**, and Wright, P.C. (1997) Morphometrics of *Eulemur fulvus albocollaris* in Vevev Forest, Madagascar. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 79-80.
- Callans, Jennifer** (1997) The Development and Special Concerns of the Anthropology of Japan. *New York State Conference on Asian Studies, Dowling College*. Oakdale, New York.
- Duncan, A., Podnos, E., **Cleghorn, N. E.**, Kappelman, J. (1997) Development and analysis of 3D finite element models of human femoral diaphyses. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri.
- Seiffert, E., Kappelman, J., **Cleghorn, N. E.**, Duncan, A. (1997) Quantification of orbital aperture shape in living and extinct hominoid primates. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri.
- Davis, Zachary** (1997) The PS56R Site: A Vosburg Habitation on Staten Island, New York. *The Sixty-second Annual Meeting of the Society for Americal Archaeology*, Nashville, Tennessee and *The Annual Connecticut State Archaeology Meeting*. Fairfield, Connecticut.
- Dollar, Luke J.**, Forward, Z.A., and Wright, P.C. (1997) First study of *Cryptoprocta Ferox* in the rainforests of Madagascar. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri *American Association of Physical Anthropologists, Supplement 24*: 102-103..

- Heesy, Christopher P.** and Ross, C.F. (1997) Predicting orbital diameter and activity patterns in small-bodied Primates. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 125-126
- Jolley, LeaAnn A.** and Ross, C.F. (1997) The angle of the ascending ramus and its possible relationship to degree of orbital frontation in primates. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 137-138.
- Kitko, Rachel E.** and **Richmond, Brian G.** (1997) The phyletic and locomotor affinities of the proximal ulna from Fort Ternan, Kenya (KNM-FT 3381). *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 144
- Lockwood, Charles A.** (1997). Homoplasy in atelid evolution and its implications for phylogenetic inference. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 156-157.
- Norejko, Jay N.** and Beard, K.C. (1996) A highly diverse Clarkforkian plesiadapiform assemblage from Big Multi Quarry, Washakie Basin, Wyoming. *Society of Vertebrate Paleontology Annual Meeting*. New York, New York.
- Pearson, Osbjorn M.** (1997) The distinctiveness of Neandertal diaphyseal robusticity. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 184.
- Polk, John D.** (1996) Evidence for carnivore activity at the middle Miocene Hominoid Locality at Pasalar, Turkey. *Society of Vertebrate Paleontology Annual Meeting*. New York, New York. *Journal of Vertebrate Paleontology*, Vol. 16(3): 58A.
- Polk, John D.**, Demes, A.B., Jungers, W.L., Heinrich, R.E., Biknevicius, A.R., and Runestad, J.A. (1997) Cross-sectional properties of primate and nonprimate limb bones. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropology, Supplement 24*: 188.
- Richmond, Brian G.** (1997) Ontogeny of phalangeal curvature and locomotor behavior in lar gibbons. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 197.
- Strait, David, S.** and Ross, C.F. (1997) Head posture, neck posture, and primate basicranial evolution. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 221.
- Stumpf, Rebecca M.**, and Fleagle, J.G. (1997) Sexual dimorphism and geographic variation among subspecies of Gorilla. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 223-224.
- Whalen, M.P., Grine, F.E., **Pearson, Osbjorn M.**, and Gallow, K. (1997) Variation of cortical bone distribution in the human femur. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Journal of Physical Anthropology, Supplement 24*: 238.
- Wunderlich, Roshna E.** (1997) Kinetics of primate foot use on arboreal and terrestrial supports. *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri. *American Association of Physical Anthropologists, Supplement 24*: 246-247.
- Godfrey, L.R., Jungers, W.L., **Wunderlich, Roshna E.** and **Richmond, Brian G.** (1997) Reappraisal of the postcranium of *Hadropithecus* (Primates, Indroidea). *Sixty-sixth Annual Meeting of the American Association of Physical Anthropologists*. St. Louis, Missouri.

POST-DOCTORATES and PROFESSIONAL APPOINTMENTS

- Goldsmith, Michele** (1996/98) The Robert A. and Catherine L. McKennan Post-Doctoral Fellow. Department of Anthropology, *Dartmouth College*, Hanover, New Hampshire.
- McGraw, Scott** (1996) Post-Doctoral Fellow. Department of Anatomy, *New York College of Osteopathic Medicine*, New York, New York.
- Reed, Kaye E.** (1995/97) Post-Doctoral Research Associate. *Institute of Human Origins*, Berkeley, California.
- Richmond, Brian G.** (1996) Instructor and Science Coordinator for Hamilton College, Center for Talented Youth. *The Johns Hopkins University*, Baltimore, Maryland.
- Strait, David** (1996) Lecturer. Department of Cell Biology and Anatomy, *Sophie Davis Medical School of the City College of New York*, New York, New York.

APPLIED MATHEMATICS AND STATISTICS

Graduate Director: Woo Jong Kim

Department Chair: James Glimm

GRANTS, FELLOWSHIPS, AND AWARDS

Farias, Ricardo (1997-97) Bolsa de Doutorado (Fellowship for Doctorate). *National Council for Research, Ministry of Science & Technology, Brazil.*

Klosowski, James (1996-97) Catacosinos Fellowship for Excellence in Computer Science. *Stony Brook Foundation, Stony Brook, NY.*

Marcano, Mariano (1996-97) NIH Minority Grant. *National Institute of Health.*

Orankitjaroen, Somsak (1996-97) Doctoral Fellowship. *The Institute for the Promotion of Teaching Science and Technology, Thailand.*

Ozaydin, Filiz (1996-97) Doctoral Fellowship. *Ministry of National Education, Turkish Republic, Turkey.*

Tanaka, Masahiko (1996-97) Tuition Scholarship. *IBM Japan, Ltd. Japan.*

Toro, William (1996-97) Doctoral Fellowship. *Petroleos de Venezuela S.A., Venezuela.*

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Chou, Chung-Chiang Deng, Y. (1997) Decomposing 40 Billion Integers by Four Tetrahedral Number. *Mathematics of Computation* 66: 691-698.

Galambos, N., Mendell, N. R. (1997) Comparison of the Precision of the MLE to Missing Data Deleted Estimates. *Proceedings of the American Statistical Association.*

Glimm, J., **Graham, M.J.**, Grove, J., Li, X.L., Smith, T.M., Tan D., Tangerman, F. (1997) Front Tracking In Two and Three Dimensions. *Journal of Computational Mathematics.*

Kent, Kathryn, J., Skorin-Kapov, D. (1996) Population Monotonic Cost Allocations on MSTs. *Proceedings of the 6th International Conference on Operational Research: 43-48.*

Held, M., **Klosowski, J., Mitchell, J.** (1996) Collision Detection for Fly-throughs in Virtual Environments. *Twelfth Annual ACM Symposium on Computational Geometry 13-14.*

Lerner, G., Yuan, H., Mendell, N.R. (1997) The Precision of the Estimated Discriminant Score. *Proceedings of the American Statistical Association.*

Levy, D.L., McManus, K.S., **Lo, Y., Bloom, R., Matthyse, S., Holzman, P.** (1997) Disinhibition in Antisaccade Performance. *Experimental Psychopathology and the Pathogenesis of Schizophrenia.*

Tewarson, R.P., **Marcano, M.** (1997) Use of Weighted Generalized Inverses in a Renal Optimization Problem. *Inverse Problems in Engineering.*

Tewarson, R.P., **Moon, I.H.** (1996) Efficient Computational Algorithms for Kidney Modeling. *Applied Sciences ZAAM Issue 4: 51-54.*

Tewarson, R.P., **Moon, I.H.** (1997) Renal Concentrating Mechanism Central Core and Vasa Recta Models. *Applied Mathematical Letters: 39-44.*

Sun, K., **Moon, I.H., Tewarson, R.P., Stephenson, J.L.** (1996) Parallel Algorithms for Multi-Nephron Renal Medullary Models. *Computers and Math.*

Neus, J.L., Chu, T.C., Mendell, N. R. (1997) The Kolmogorov-Smirnov Test of Fit to the Two Component Location-Contaminated Normal Mixture. *Proceedings of the American Statistical Association.*

Glimm, J., Graham, M.J., Grove, J., Li, X.L., **Smith, T.M., Tan D., Tangerman, F.** (1997) Front Tracking In Two and Three Dimensions. *Journal of Computational Mathematics.*

Glimm, J., Simanca, S.R., **Smith, T.M., Tangerman, F.** (1997) Computational Physics Meets Computational Geometry. *International Journal of Computational Geometry and its Applications.*

Zhang, Q., **Sohn, S.** (1996) An Analytical Nonlinear Theory of Richtmyer-Meshkov Instability. *Physics Letters A212: 149-155.*

Zhang, Q., **Sohn, S.** (1997) Approximation to an Interfacial Fluid Mixing Problem. *Applied Mathematical Letters.*

Zhang, Q., **Sohn, S.** (1996) Nonlinear Theory of Unstable Fluid Mixing Driven by Shock Waves. *Physics of Fluids.*

Sun, K., Moon, I.H., Tewarson, R.P., Stephenson, J.L. (1996) Parallel Algorithms for Multi-Nephron Renal Medullary Models. *Computers and Math.*

Wang, Y., Deng, Y. (1996) Multi-Item Stochastic Inventory Models with Constraints and their Parallel Computation. *Advances in Computational Economics: 103-123.*

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Glimm, J., **Graham, M.J.**, Grove J., Li, X.L., Smith, T., Tan D., Tangerman F. (1996) Front Tracking in Two and Three Dimensions. *Intel Systems*. Knoxville, TN.
- Glimm, J., **Graham, M.J.**, Grove, J., Li, X.L., Smith T.M., Tan D., Tangerman, F. (1996) Computational Physics Meets Computational Geometry. *First CGC Workshop*. Johns Hopkins University, Baltimore, Maryland.
- Kent, K.** (1996) Population Monotonic Cost Allocations for Minimum cost Spanning Tree Networks. *INFORMS National Meeting*. Atlanta, Georgia.
- Held, M., **Klosowski, J.**, Mitchell, J.S.B. (1996) Real-Time Collision Detection for Motion Simulation Within Complex Environments. *SIGGRAPH '96 Visual Proceedings*., New Orleans, LA.
- Glimm, J., Graham, M.J., Grove, J., Li, X.L., **Smith T.M.**, Tan D., Tangerman, F. (1996) Computational Physics Meets Computational Geometry. *First CGC Workshop*. Johns Hopkins University, Baltimore, Maryland.
- Glimm, J., Graham, M.J., Grove J., Li, X.L., **Smith, T.**, Tan D., Tangerman F. (1996) Front Tracking in Two and Three Dimensions. *Intel Systems*. Knoxville, TN.
- Zhang, Q., **Sohn, S.** (1996) Quantitative Theories for the Nonlinear Growth Rates in Richtmyer-Meshkov Instability. *Proceedings of the 5th International Workshop on the Physics of Compressible Turbulent Mixing*. Stony Brook, NY.
- Glimm, J., Hamaguchi, s., Kranzer, H., Tan, D., Tangerman, F., **Vanderwoude, G.** (1996) Higher Dimensional Riemann Problems in Etching and Deposition Processes. *SIAM Annual Meeting*. Kansas City, Missouri.
- Deng, Y., **Wang, Y.** (1996) Multi-Location Networked Inventory Model and Its Parallel Computation. *Second International Conference of Computational Economics*. Switzerland.

PROFESSIONAL APPOINTMENTS

- Chou, Chung-Chiang** (1997) Assistant Professor. Department of Mathematics, *National Changhua University of Education*, Changhua, Taiwan.
- Neus, Jordan** (1997) Assistant Professor. Department of Mathematics, *Florida International University*, Miami Beach, Florida.
- Wang, Yuan** (1996) Research Engineer. *Seton Advanced Technologies*.

ART HISTORY AND CRITICISM STUDIO ART

Graduate Director: Michele Bogart

Department Chair: James Rubin

GRANTS, FELLOWSHIPS AND AWARDS

Bryson, Gregory. (1997) Dorothy Pieper Memorial Purchase Award, \$1,000. *State University of New York at Stony Brook*, Stony Brook, New York.

Oberst, William. (1996) Dorothy Pieper Memorial Purchase Award, \$1,000. *State University of New York at Stony Brook*, Stony Brook, New York.

Oberst, William. (1997) Third Prize, Graphics Category, Third Annual Membership Art Exhibit. *Brookhaven Arts and Humanities Council*, Farmingville, New York

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

Magill, Jr., R. Jay. (1997) Managing Editor. *Art Criticism*, State University of New York at Stony Brook, Stony Brook, NY.

Magill, Jr., R. Jay. (1997) Staff Editorial Cartoonist. *The Stony Brook Statesman*, State University of New York at Stony Brook, Stony Brook, NY.

Oberst, William. (1996) Adjunct Instructor. Art Department, *Suffolk Community College*, Selden, New York

INTERNSHIP APPOINTMENTS

Oberst, William. (1997) Intern. *Nancy Hoffman Gallery*, New York, New York.

CONFERENCES

Magill, Jr., R. Jay. (1997) Beauty Descending: Signs of Subjectivity in the Aesthetic Theory of the Later Middle Ages. *Zephyrus Conference of Medieval Studies*. State University of New York at Stony Brook, Stony Brook, NY

EXHIBITIONS/PERFORMANCES

Magill, Jr., R. Jay. (1996) Art of the Critics. *Union Art Gallery*, State University of New York at Stony Brook, Stony Brook, NY.

Neblett, Marcia. (1997) Judge for Multicultural Art Show. *Long Island Black American Day Committee*, Huntington, New York.

Neblett, Marcia, Booth, G., Coleman, L., McGaw, W., Pittman, H., Murray, C., Lohrer, B., Savrda, T. (1997) No Kidding. *Gallery North*, Setauket, NY.

Neblett, Marcia. (1997). New York Area MFA Exhibition. *Hunter College*, New York, NY.

Oberst, William. (1996) Faculty Show. *Suffolk Community College*, Selden, NY.

Oberst, William. (1996) The Figure: 11 Artists, 11 Interpretations, *The Gallery at Studio 703*. Port Jefferson, NY.

Oberst, William.(1997) Third Annual Membership Art Exhibit, *Brookhaven Arts and Humanities Council*. Bald Hill Cultural Center, Farmingville, NY.

Oberst, William. (1997) New York Area MFA Exhibition. *Hunter College Fine Arts Building*, New York, NY.

CELLULAR AND DEVELOPMENTAL BIOLOGY

Graduate Director: James P. Quigley
 Department Chair: William J. Lennarz

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Faleiro, Lavina**, Kobayashi, R., Fearnhead, H. and Lazebnik, Y. (1997) Multiple Species of CPP32 and Mch2 are the Major Active Caspases Present in Apoptotic Cells. *EMBO J.* 16.
- Horb, Marko** and Thomsen, G.H. (1997) A Vegetally Localized T-box Transcription Factor in *Xenopus* eggs Specifies Mesoderm and Endoderm and is Essential for Embryonic Mesoderm Formation. *Development* 124: 1689-1698.
- Swann, C.P., Waite, J.H. and **Huggins, Luke** (1996) Cross-linking of DPA-Proteins in the Eggshell of *Bdellooura candida*, a Marine Worm: a PIXE Study. *Nuclear Instruments and Methods in Physics Research B* 109/110: 301-304.
- Just, Margaret** (in press) Re-examination of the Sequence of the Sea Urchin Egg Receptor for Sperm: Implications with Respect to its Properties. *Developmental Biology* 184.
- Just, Margaret**, Kitazume, S., Dhume, S.T. and Lennarz, W.J. (in press) Studies on the Role of the Polypeptide and Oligosaccharide Chains of the Sea Urchin Egg Receptor in Sperm Binding. *VI International Congress of Andrology*. Austria.
- Moarefi, I., **LaFevre-Bernt, Michele**, Sicheri, F., Huse, M., Lee, C., Kuriyan, J. and Miller, W.T. (1997) Activation of the Src-family Tyrosine Kinase Hck by SH3 Domain Displacement. *Nature* 385: 650-653.
- Scannevin, Robert**, Murakoshi, H., Rhodes, K.J. and Trimmer, S. (1996) Identification of a Cytoplasmic Domain Important in the Polarized Expression and Clustering of the Kv2.1K+ Channel. *J. Cell Bio.* 135: 1619-1632.
- Scannevin, Robert** and Trimmer, S. (1997) Cytoplasmic Domains of Voltage-sensitive K+ Channels Involved in Mediating Protein-protein Interactions. *Biochem. And Biophys. Res. Commun.* 232: 585-589.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Faleiro, Lavina**, Kobayashi, R., Fearnhead, H. and Lazebnik, Y. (1997) Multiple Species of CPP32 and Mch2 are Activated in Apoptotic Cells. *Keystone Symposia on Apoptosis and Programmed Cell Death*. Tamarron, CO.
- Faleiro, Lavina**, Kobayashi, R., Fearnhead, H. and Lazebnik, Y. (1997) Multiple Species of CPP32 and Mch2 are Activated in Apoptotic Cells. *Biology of Proteolysis, Cold Spring Harbor Laboratory*. Cold Spring Harbor, NY.
- Huggins, Luke** (1996) A Sea Urchin BMP Homolog. *Developmental Biology of the Sea Urchin X. Meeting*, Woods Hole, MA.
- Huggins, Luke** (1996) Studies on Spiculization in the Sea Urchin Embryo. *Office of Naval Research Biomineralization and Nanofabrication Workshop*. San Luis Obispo, CA.
- Huggins, Luke**, Hwang, S-P. and Lennarz, W.J. (1996) Role of Sea Urchin BMP-1 in Skeleton Assembly. *Sixth International Conference on the Molecular Biology and Pathology of Matrix*. Philadelphia, PA.
- Just, Margaret** (1996) Another Look at the Sea Urchin Egg Receptor for Sperm. *Developmental Biology of the Sea Urchin X Meeting*. Woods Hole, MA.
- LaFevre-Bernt, Michele** (1997) Mechanisms of Activation of Src-family Kinase Hck. Tyrosine Phosphorylation and Cellular Signalling. *Cold Spring Harbor Laboratory*. Cold Spring Harbor, NY.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS:

- Scannevin, Robert** (1997) Postdoctorate. Department of Neuroscience, Howard Hughes Medical Institute, *The Johns Hopkins University*, Baltimore, MD.

CHEMISTRY

Graduate Director: Philip Johnson

Department Chair: William le Noble

GRANTS, FELLOWSHIPS, AND AWARDS

Cahill, Christopher. (1997) Travel Award. *Sigma Xi*. Stony Brook, New York.

Kass, Ignatius. (1993-1997) Department of Education GAANN Fellowship, \$15,900/yr. DOE, Washington, D.C./USA.

Ma, Zhuping. (November, 1996) Best Poster in Poster Presentation for Graduate Students in Chemistry. *New York Academy of Sciences*.

McCann, Amy. (1994-1997) Department of Education GAANN Fellowship, \$15,900/yr. DOE, Washington, D.C./USA.

Pyluck, Amy. (1994-1997) Department of Education GAANN Fellowship, \$15,900/yr. DOE, Washington, D.C./USA.

Schauer, Caroline. (1996) Poster Award, \$75.00. *NATO-ASI Summer School*, Digby, Nova Scotia, Canada.

Slater, John C. (1996-1997) Graduate Fellowship, \$15,000. *American Chemical Society Division of Organic Chemistry* (sponsored by Schering-Plough Research Institute).

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

LeClaire, Jeffrey E., **Anand, Richa**, and Johnson, P. M. (in press) Photoinduced Rydberg ionization (PIRI) spectroscopy of phenol: The structure and assignment of the B-state of the cation. *J. Chem. Phys.*

Cahill, Christopher L., Parise, John B. (1997) Synthesis and Structure of MnGe₄S₁₀(C₆H₁₄N₂)₃H₂O: A Novel Sulfide Framework analogous to Zeolite Li-A(BW). *Chem. Mater.* 9: 807-811.

Parise, J.B., Tan, K., Norby, P., Ko, Y., and **Cahill, Christopher** (in press) Examples of hydrothermal titration and real time x-ray diffraction in the synthesis of open frameworks. *MRS Proceedings* 453.

Ojima, I., Kuduk, S. D., Slater, J. C., Gimi, R. H., Sun, C. M., **Chakravarty, Subrata**, Ourevitch, M., Abouabdellah, A., Bonnet-Delpon, D., Bégué, J.-P., Veith, J. M., Pera, P., Bernacki, R. J. (1996) Synthesis, Biological Activity, and Conformational Analysis of Fluorine-Containing Taxoids. *Biomedical Frontiers of Fluorine Chemistry*. I. Ojima, J. McCarthy, and J. T. Welch, Eds. Washington, D. C: The American Chemical Society.

Ojima, I., Kuduk, S. D., **Chakravarty, Subrata**, Ourevitch, M., Bégué, J.-P. (in press) A Novel Approach to the Study of Solution Structures and Dynamic Behavior of Paclitaxel and Docetaxel Using Fluorine-Containing Analogs as Probes. *J. Am. Chem. Soc.*

Chen, Xiaoyu and Sampson, Nicole S. (1997) Review, *Contemporary Enzyme Kinetics and Mechanism*, 2nd ed. Parich, D. L., Ed. *Quarterly Review of Biology*.

Sieburth, Scott McN. and **Cunard, Nicholas T.** (1996). The [4+4] Cycloaddition and its Strategic Application in Natural Product Synthesis. *Tetrahedron* 52 (18): 6251-6282.

Sampson, Nicole S. and **Kass, Ignatius J.** (1997) Oxidation but not Isomerization is Suppressed by a Single Point Mutation, E361Q, in the Reaction Catalyzed by Cholesterol Oxidase. *J. Am. Chem. Soc.* 119: 855-862.

LeClaire, Jeffrey E., Anand, Richa, and Johnson, Philip M. (in press) Photoinduced Rydberg ionization (PIRI) spectroscopy of phenol: The structure and assignment of the B-state of the cation. *J. Chem. Phys.*

Goode, Jon G., **LeClaire, Jeffrey E.**, and Johnson, Philip M. (1996) Probing the photoinduced Rydberg ionization process. *Int. J. Mass. Spectrom. and Ion Proc.* 159: 49.

Kalyuzhnyi, Yurij., **Lin, Chien-Ting**, and George Stell. (1997) Primitive models of chemical association. II. Polymerization into flexible chain molecules of prescribed length. *J. Chem. Phys.* 106: 1970

Chu, Benjamin, **Liu, Tianbo, Wu, Chunhung**, Zhou, Zukang and Nace, Vaughn M. (in press) Structures and Properties of Block Copolymers in Solution. *Makromolekulare Symposia*.

Liu, Tianbo, Zhou, Zukang, **Wu, Chunhung**, Chu, Benjamin, Schneider, Dieter K. and Nace, Vaughn M. (in press) Self-Assembly of B₆E₄B₆ Triblock Copolymers in Aqueous Solution. *Journal of Physical Chemistry*.

Liu, Tianbo, Liu, Li-Zhi and Chu, Benjamin (in press) Formation of Amphiphilic Block Copolymer Micelles in Nonaqueous Solvents. *Block Copolymers: Self-Assembly and Applications*. P. Alexandridis and B. Lindman Eds. Elsevier Sci.

Kirikae, T., Ojima, I., **Ma, Zhuping**, Kuduk, S. D., Slater, J. C., Takeuchi, C. S., Bounaud, P. Y., and Nakano, M. (1996) Structure Requirements of Taxoids for Nitric Oxide and Tumor Necrosis Factor production by Murine Macrophages. *Biochem. & Biophys. Res. Comm.* 227: 227-235.

Kane, J. J., Liao, R.-F., **Nguyen, Tam**, Matwey, E., Toledo, L. M., Lauher, J. W., Fowler, F. W. (in press) The Development and Application of Strategies for the Preparation of Designed Supramolecular Structures. *NATO ASI*.

- Coe, S., Kane, J. J., **Nguyen, Tam**, Toledo, L., Wininger, E., Fowler, F. W., Lauher, J. W. (1997) Molecular Symmetry and Design of Molecular Solids: The Oxalamide Functionality as a Persistent Hydrogen Bonding Unit. *J. Am. Chem. Soc.* 119: 86-93.
- Sieburth, Scott McN., Somers, Joseph J. and **O'Hare, Heather K.** (1996). α -Alkyl- α -aminosilanes. 1. Metalation and Alkylation Between Silicon and Nitrogen. *Tetrahedron* 52 (16): 5669-5682.
- Pyluck, Amy**, Ruiyong, Y., Galligan Jr., E., Primakoff, P, Myles, D. G. and Sampson, N. S. (in press) ECD Peptides Inhibit in Vitro Fertilization in Mice. *Bioorg. Med. Chem. Lett.*
- Schauer, Caroline**, Matwey, Eric, Fowler, Frank, Lauher, Joseph. (in press) Controlled Spacing of Metal Atoms via Ligand Hydrogen Bonds. *Angewante Chemie.*
- Ojima, I., **Slater, John C.**, Michaud, E., Kuduk, S. D., Bounaud, P. Y., Vrignaud, P., Bissery, M.-C., Veith, J. M., Pera, P., Bernacki, R. J. (1996) Synthesis and Structure-Activity Relationships of the Second-Generation Antitumor Taxoids: Exceptional Activity Against Drug-Resistant Cancer Cells. *Journal of Medicinal Chemistry*
- Kirikae, T., Ojima, I., Kirikae, F., Ma, Z., Kuduk, S. D., **Slater, John C.**, Takeuchi, C. S., Bounaud, P. Y., Nakano, M. (1996) Structural Requirements of Taxoids for Nitric Oxide and Tumor Necrosis Factor Production by Murine Macrophages. *Biochem. and Biophys. Res. Comm.*
- Ojima, I., **Slater, John C.**, Kuduk, S. D., Michaud, E., Takeuchi, C. S., Gimi, R. H., Pera, P., Bernacki, R. J. (1997) Syntheses and Structure-Activity Relationships of Taxoids Derived from 14b-Hydroxy-10-deacetylbaicatin III. *J. Med. Chem.*
- Ojima, I., **Slater, John C.**, Pera, P., Veith, J. M., Abouabdellah, A., Bèguè, J.-P., Bernacki, R. J. (1997) Synthesis and Biological Activity of Novel 3'-Trifluoromethyl Taxoids. *Biorganic Med. Chem. Lett.*
- Sun, Jeonghoon** and Sampson, Nicole S. (1996) Review of Short Protocols in Molecular Biology. A Compendium of Methods from Current Protocols in Molecular Biology. 3rd ed., Ausubel, F. M., Brent, R., Kingston, R. E., Moore, D. D., Seidman, J. G., Smith, J. A., Struhl, K., eds. *Quart. Rev. Biol.*
- Wu, Chunhung, Liu, Tianbo**, Chu, Benjamin, Schneider, Dieter K. and Graziano, Vito (in press) Characterization of PEO-PPO-PEO Triblock Copolymer and its Application as a Separation Medium in Capillary Electrophoresis. *Macromolecules.*
- Ghoshroy, Kajal G., **Zhu, Weiqun** and Sampson, Nicole S. (in press) Investigation of Membrane Disruption in the Reaction Catalyzed by Cholesterol Oxidase. *Biochemistry.*

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Anand, Richa, Hofstein, Jason D.** (1996) Photoinduced Rydberg ionization (PIRI) spectroscopy of substituted benzenes: A better molecular orbital picture. *Gordon Research Conference on Multiphoton Processes.* New Hampshire.
- Cahill, Christopher L.**, Parise, J.P., Norby, P. (1997) Novel Open Frameworks and Real-Time Synchrotron X-Ray Powder Diffraction Studies as an Aid to their Synthesis. *Gordon Research Conference on Zeolitic and Layered Materials.* Plymouth, New Hampshire.
- Chakravarty, Subrata**, Dong, Q., Pollina, E., Ojima, I. (1996) Design and Synthesis of RGD Peptide Mimetics As Potent and Selective GPIIb/IIIa Antagonists. *The New York Academy of Sciences Poster Session, November 2.* New York City, NY.
- Wang, T., Bhave, G., **Chakravarty, Subrata**, Delalogue, F., Ojima, I. (1996) Synthesis of a Nonpeptidic Platelet Aggregation Inhibitor. *The New York Academy of Sciences Poster Session.* New York City, NY.
- Slater, J.C.**, Kuduk, S.D., **Chakravarty, Subrata**, Pera, P., Bernacki, R.J., Ojima, I. (1996) Synthesis, Biological Activity, and Conformational Studies of Novel Fluorine-Containing Taxoids. *The New York Academy of Sciences Poster Session.* New York City, NY.
- Pyluck, Amy, Chen, Hui** and Sampson, Nicole S. (1997) Investigation of the Role of Fertilin in Mammalian Fertilization. *Bioorganic Gordon Conference.* Plymouth NH.
- Hofstein, Jason D.** (1996) Table top soft X-ray lasers: Some concepts and applications. *Physical Chemistry Seminar,* Department of Chemistry, State University of New York at Stony Brook, Stony Brook, NY.
- Kass, Ignatius J.** and Sampson, Nicole S. (1996) Is E361Q Cholesterol Oxidase an Oxygenase? *Reaction Mechanisms Conference.* Stony Brook, NY.
- LeClaire, Jeffrey E.** (1994) MATI without lasers. *Gordon Research Conference on Multiphoton Processes.* New Hampshire.
- LeClaire, Jeffrey E.** (1996) Photophysics of the PIRI process. *Gordon Research Conference on Multiphoton Processes.* New Hampshire.
- Wu, Chunhung, **Liu, Tianbo** and Chu, Benjamin (1996) Study of the Gelation of EPE Triblock Copolymers in Aqueous Solution by Small Angle X-Ray Scattering. *The Annual Users' Meeting of National Synchrotron Light Source.* Brookhaven National Laboratory, New York.
- Liu, Tianbo** and Chu, Benjamin (1996) Self-Assembly of Triblock Copolymers in Aqueous Solution. *The Third Chinese American Chemists Conference.* Newark, New Jersey.

- Ma, Zhuping**, Kirikae, T., Kuduk, S. D., Slater, J. C., Takeuchi, C. S., Bounaud, P. Y., Nakano, M., and Ojima, I. (1996) SAR study of taxoids for NO and TNF production by murine macrophages. *Poster presentation for graduate students in chemistry*. New York Academy of Sciences, New York.
- McCann, Amy E.** and Sampson, Nicole S. (1996) 4,5-Cyclopropylsteroids as Inhibitors of Cholesterol Oxidase. *Reaction Mechanisms Conference*. Stony Brook, NY.
- Nguyen, Tam, L.**, Kane, J. J., Liao, R.-F., Lauher, J. W., Fowler, F. W. (1996) Preparation of Layered Diacetylenes as a Demonstration of Strategies for Supramolecular Synthesis. *Poster Program for Graduate Students in Chemistry*. New York Academy of Sciences. New York, NY.
- Nguyen, Tam, L.**, Kane, J. J., Liao, R.-F., Lauher, J. W., Fowler, F. W. (1996) Preparation of Layered Diacetylenes as a Demonstration of Strategies for Supramolecular Synthesis. *26th Reaction Mechanisms Conference*. SUNY Stony Brook. Stony Brook, New York.
- Nittoli, Thomas**, Sieburth, Scott McN. (1996) Structural Analysis of *Locusta migratoria* Diuretic Hormone. *Thirteenth European Experimental NMR Conference*.
- O'Hare, Heather K.** (1996) Reverse-Aza-Brook Rearrangement Route to α -Alkyl- α -Aminosilanes. *212th American Chemical Society National Meeting*. Orlando, Florida. ORG 144.
- Schauer, Caroline.** (1996) The Development of Strategies for the Preparation of Designed Solids and their Applications to Problems in Materials Science. *NATO-ASI Summer School on Crystal Engineering*. Nova Scotia, Canada.
- Slater, John C.**, and I. Ojima. (1997) Syntheses, Biological Activity, and Conformational Studies of Novel Fluorine-Containing Taxoids. *13th Winter Fluorine Conference*. St. Petersburg, FL.
- Vidal, Ephraim S.**, Zhu, J., Fracchiolla-Kass, D.A., Ojima, I. (1996) Silylcarbocyclization of 1,6-Diynes Catalyzed by Rhodium Complexes. *212th American Chemical Society National Meeting*. Orlando, FL.
- Vidal, Ephraim S.**, Ojima, I., Tzamarioudaki, M. (1996) Extremely Regioselective Intramolecular Silylformylation of Alkynes. *New York Academy of Sciences Poster Program for Graduate Students in Chemistry*. New York, NY.
- Zhu, Weiqun** and Sampson, Nicole S. (1997) The Importance of Loop Residues for Substrate Binding in the Reaction Catalyzed by Cholesterol Oxidase. *The 15th Winter Enzyme Mechanisms Conference*. Ft. Myers, FL.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Pyluck, A.** (1997) Sales Representative. *Ortho Biotech*, Staten Island, NJ.

COMPARATIVE LITERATURE

Graduate Director: Robert Goldenberg

Department Chair: Krin Gabbard

CONFERENCES/COLLOQUIUMS, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Kleypas, Kathryn** (1997) The Role of the Personal Narrative in the Freshman Writing Curriculum: Protecting the Integrity of Spontaneous Productions of the Psyche. *Twelfth Annual Conference of the SUNY Council on Writing*. Suffolk Community College, Selden, NY.
- Kleypas, Kathryn** (1997) Embedded Feminist Ideology in George Eliot's *Adam Bede*. *Sixth Annual Conference on Language and Literatures: The Victorian Record of Protest*. Baylor University, Waco, TX.
- Kleypas, Kathryn** (1996) The Dichotomy of Body and Spirit in James Joyce and Edna O'Brien. *Central New York Conference of Language and Literature*. SUNY Cortland, Cortland, NY.
- Park, Jin Young** (1996) Korean Buddhism in a Time of Change: Social Reform of Manhae and Sot'aesan. *International Conference on the Major Issues in the History of Korean Culture*. Moscow State University, Moscow, Russia.
- Park, Jin Young** (1996) Rereading Chinul's Hwadu: What is Really Happening in 'Cutting Off Words'? *American Academy of Religion*. New Orleans, Louisiana.
- Park, Jin Young** (1996) Modernization of Korea, Modernization of Korean Buddhism. *New York Conference on Asian Studies*. Dowling College, Oakdale, New York.

SINGLY AUTHORED PUBLICATIONS

- Park, Jin Young** (in press) Ch'an Language: the Case of Chinul's Hwadu. *Journal of Korean Thought*.

TRANSLATIONS

- Park, Jin Young** (1997) Hwadu and Freedom: Pojo Chinul's 'Treatise on Resolving Doubts about Hwadu Meditation'. *Journal of Korean Thought*.

COMPUTER SCIENCE

Graduate Director: David Smith
Department Chair: David Warren

GRANTS, FELLOWSHIPS, AND AWARDS

Freire, Juliana (1997) Research Travel Award. *Sigma XI, The Scientific Research Society*.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Bradley, Richard** and S. Skiena. (1997) Fabricating Arrays of Strings. *First International Conference on Computational Molecular Biology (RECOMB 97)*: 57-66.
- Evans, Francine**, S. Skiena and A. Varshney (1996) Optimizing Triangle Strips for Fast Rendering Proc. *IEEE Visualization '96*: 319-326.
- Larson, R., D. Warren, **J. Freire**, K. Sagonas and P. Gomez. (1997) *Semantica*. MIT Press.
- Freire, J.**, T. Swift and D. Warren. (forthcoming) Taking I/O Seriously: Resolution Reconsidered for Disk. *Proceedings of the International Conference on Logic Programming*.
- Freire, J.** (forthcoming) Using Logic Programming to Efficiently Evaluate Recursive Queries over Disk-Resident Data. *Proceedings of the 1997 Grace Hopper Technical Track*.
- Rao, P., K. Sagonas, T. Swift, D.S. Warren and **J. Freire**. (forthcoming) - XSB - A System for Efficiently Computing Well Founded Semantics. *Proceedings of the 4th International Conference on Logic Programming and Non-Monotonic Reasoning*
- Freire, J.**, T. Swift and D. Warren. (1996) Beyond Depth-First: Improving Tabled Logic Programs through Alternative Scheduling Strategies *Proceedings of the Eighth International Symposium on Programming Languages, Implementations, Logics and Programs*. An expanded version is forthcoming in the *Journal of Functional and Logic Programming*.
- Freire, J.**, T. Swift and D. Warren. (1996) Logic Programming and Databases Integrated at Last?. *Proceedings of the Joint International Conference and Symposium on Logic Programming*.
- Chen, Ting** and S. Skiena. (1996) Sorting with Fixed-Length Reversals. *Discrete Applied Mathematics 71*: 269-295.
- Roychoudhury, A.** and S. Sur-Kolay (1996) Efficient Algorithms for Vertex Arboricity of Planar Graphs. *Lecture Notes in Computer Science 1026*: 37-51.
- Roychoudhury, A.**, I.V. Ramakrishnan and T. Swift. (1997) A Rule-based Data Standardizer for Enterprise Data Bases. *Proceedings of International Conference on Practical Application of Prolog (PAP)*.
- Shi, Hongwei** and T. Pavlidis (1996) A System for Text Recognition Based on Graph Embedding Matching. *Proceedings for IAPR Workshop on Document Analysis Systems (DAS96)*: 415-427.
- Shi, Hongwei** and T. Pavlidis (1997) Font Recognition and Contextual Processing for More Accurate Text Recognition *Proceedings ICDAR'97*.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Chen, Ting and S. Skiena (1997) Trie-Based Data Structures for Sequence Assembly Combinatorial Pattern Matching. *CPM '97*. Aarhus, Denmark.

ECOLOGY AND EVOLUTION

Graduate Director: Daniel Dykhuizen

Department Chair: James Thomson

GRANTS, FELLOWSHIPS, AND AWARDS

- Abouheif, Ehab.** (1997) Collaborative Research Fellowship. *Max Planck Institute for Biophysical Chemistry*, Göttingen, Germany.
- Andrews, Christine.** (1996) Dissertation Improvement Grant. *National Science Foundation*, Arlington, Virginia.
- Anastasia, Jean.** (1996) Star Graduate Fellowship. *Environmental Protection Agency*.
- Bole, Greg.** (1997) Huyck Preserve Research Grant. *The Edmund Niles Huyck Preserve and Biological Research Station*, New York.
- Coelho, André.** (1996) Doctoral Scholarship. *National Board of Scientific Research and Technology*, Portugal.
- Coelho, André.** (1996) Fulbright Fellowship. *Fulbright Commission*, Portugal.
- Dunham, Amy E.** (1997) Predoctoral Fellowship, Honorable Mention. *National Science Foundation*, Arlington, Virginia.
- Dunham, Amy E.** (1997) Margot Reis Scholarship Award. *Glens Falls, Foundation*.
- Fang, Wei.** (1996) Stewardship Ecologist. *Nature Conservancy*.
- Goodell, Karen.** (1996) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society*. Research Triangle Park, North Carolina.
- Hinman, Katharine.** (1996) National Science Foundation Graduate Fellowship. *National Science Foundation*, Arlington, Virginia.
- Hinman, Katharine.** (1997) National Defense Science and Engineering Graduate Fellowship. *Department of Defense/Office of Naval Research*.
- Matzkin, Luciano.** (1997) Minority Predoctoral Fellowship. *National Science Foundation*, Arlington, Virginia.
- Matzkin, Luciano.** (1997) Predoctoral Fellowship, Honorable Mention. *National Science Foundation*, Arlington, Virginia.
- Noack, Katharina.** (1996) Research Grant. *Conchologists of America*.
- Quintana-Ascencio, Pedro F.** (1996) Catherine H. Beattie Fellowship. *The Garden Club of America and the Center for Plant Conservation, Missouri Botanical Garden*, St. Louis, Missouri.
- Quintana-Ascencio, Pedro F.** (1995-1997) Research Grant. *Division of Forestry, Florida Department of Agriculture and Consumer Services*, Florida.
- Soucy, Sheryl.** (1997) International Travel Grant. *National Science Foundation*, Arlington, Virginia.
- Williams, Neal.** (1996) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society*. Research Triangle Park, North Carolina.
- Williams, Neal.** (1996) President's Award for Excellence in Teaching. *State University of New York at Stony Brook*, Stony Brook, New York.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Abouheif, Ehab.** (in press) Developmental genetics and homology: a hierarchical approach. *Trends in Ecology and Evolution*.
- Biermann, Christiane.** (1997) Review, *PCR: Essential data*, ed. C.R. Newton. *The Quarterly Review of Biology* 71 (2): 271.
- DiBittetti, Mario S.** (in press) Evidence for an important social role of allogrooming in a platyrrhine primate. *Animal Behaviour* 53.
- Knowles, L. Lacey.** (1997) Review, *The ice-age history of national parks in the Rocky Mountains*, by Scott A. Elias. *The Quarterly Review of Biology* 72 (1): 66.
- Qiu, Weigang.** (1996) Review, *Molecular basis of virus evolution*. *The Quarterly Review of Biology* 71 (3): 402-403.
- Rosenberg, Michael S.** (1997) Evolution of shape differences between the major and minor chelipeds of *Uca pugnax* (Decapoda: Ocypedidae). *Journal of Crustacean Biology* 17 (1): 52-59.

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- Zardoya, R., **Abouheif, Ehab**, and Meyer, A. (1996) Evolutionary analyses of hedgehop and Hoxd-10 genes in fish species closely related to the zebra fish. *Proceedings of the National Academy of Sciences*. 93: 13036-13041.
- Zardoya, R., **Abouheif, Ehab**, and Meyer, A. (1996) Evolution and orthology of hedgehop genes. *Trends in Genetics* 12: 496-497.

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- Andrews, Christine**, and Bertram, J. E. A. (1997) Mechanical work as a determinant of prey-handling behavior in the tokay gecko (*Gecko gecko*). *Physiological Zoology*. 70 (2): 193-201.
- Billerbeck, Jean**, Orti, G., and Conover, D. O. (in press) Latitudinal variation in vertebral number has a genetic basis in the Atlantic silverside, *Menidia menidia*. *Canadian Journal of Fisheries and Aquatic Sciences*.
- Janson, C., and **DiBittetti, Mario S.** (in press) Experimental analysis of food detection in capuchin monkeys: effect of distance, travel speed, and resource size. *Behavioral Ecology and Sociobiology*.
- Dietl, Gregory P.**, and Alexander, R. R. (in press) Differences in vulnerability of Miocene and recent populations of Whelks and Moonsnails to crab predation from southern New Jersey: evidence from breakage-induced shell repair. *Malacologia* 37
- Wright, P. C., Heckscher, S. K., and **Dunham, Amy E.** (in press) Predation on Milne-Edward's Sitaka (*Propithecus diodema edwardsi*) by the Fossa (*Cryptoprocta ferox*) in the rain forest of southeastern Madagascar. *Folia Primatologica*.
- Fang, Wei**, and Peng, S. (1996) A study on indices of population position in a community of evergreen broad-leaved forest. *Acta Ecologica* 16(1):111-115.
- Fang, Wei**, and Peng, S. (in press) Development of species diversity in the restoration process of establishing a tropical man-made forest ecosystem in China. *Forest Ecology and Management*.
- Goodell, Karen**, Elam, D. R., Nason, J. D., and Ellstrand, N. C. (in press) Gene flow among small populations: an interaction between genetics and demography. *American Journal of Botany*.
- Goodell, Karen**, and Thomson, J. D. (in press) Comparisons of pollen deposition and removal by honey bees and bumble bees on apple. *Acta Horticulturae*.
- Hinman, Katharine E.**, Throop, H. E., Adams, K. L., Dake, A. J., McLauchlan, K., and McKone, M. J. (in press) Predation by free-ranging birds on partial coral snake mimics: the importance of ring width and color. *Evolution*.
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- Quintana-Ascencio, Pedro F.**, Menges, E. S., and Evans, M. (1996) Highlands scrub hypericum. *Hypericum cumulicola*. *South Florida Ecosystem Recovery Strategy, U.S. Fish and Wildlife Service, Vero Beach, Florida*.
- Quintana-Ascencio, Pedro F.**, Gonzalez-Espinosa, M., Ramirez-Marcial, N., Dominguez-Vazquez, G., and Martinez-Ico, M. (1996) Soil seed bank and regeneration of Tropical Rain Forest from milpa fields at the Selva Lacandona, Chiapas, Mexico. *Biotropica* 28: 192-209.
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- Adams, D. C., Gurevitch, J., and **Rosenberg, Michael S.** (in press) Resampling tests for meta-analysis of ecological data. *Ecology*.
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- Valenzuela, Nicole**, Botero, R., and Martínez, E. (in press) Field study of sex determination in *Podocnemis expansa* from Colombian Amazonia. *Herpetologica*.
- Wang, Ing-Nang**, Dykhuizen, D. E. and Slobodkin, L.B. (1996) The evolution of phage lysis timing. *Evolutional Ecology* 10: 545-558.

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- Bely, Alexandra**, Oliver, A., and Wray, G. A. (1997) The role of engrailed during regeneration and asexual budding in oligochaete annelids. *Northwestern Regional Conference of the Society for Developmental Biology*. Woods Hole, Massachusetts.

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- Peng, S., **Fang, Wei,** and Honglin, C. (1996) Influence of human disturbance on tropical artificial Eucalyptus forest ecosystems. *Accelerating Native Forest Regeneration on Degraded Tropical Land Symposium*. IUFRO-World Bank-USDA Forest Service, Washington D.C.
- Horovitz, Ines,** and MacPhee, R. D. E. (1996) New materials of *Paralouatta* and a new hypothesis for Antillean monkey systematics. *Annual Meeting of the Society of Vertebrate Paleontologists*. New York, New York.
- Cole, T. M., Richtsmeier, J. T., **Horovitz, Ines,** and MacPhee, R. D. E. (1997) Morphometric affinities of *Paralouatta varonai*. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Knott, Emily K.,** and Ellers, O. (1997) Systematics of the swash-riding clams, genus *Donax* (Bivalvia: Donacidae). *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Knowles, L. Lacey,** and Futuyma, D. J. (1997) Using coalescent theory to infer historical demography in the phytophagous beetle *Ophraella*. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Kurdziel, Josepha P.,** and Levinton, J. S. (1997) Morphometrics and maintenance of dimorphic males in an amphipod: A preliminary report. *Benthic Ecology Meeting*. Portland, Maine.
- Kurdziel, Josepha P.,** and Levinton, J. S. (1997) Dimorphic males in an amphipod: Do juveniles with high growth rates choose to be minors? *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Lowe, Christopher,** and Wray, G. A. (1997) Engrailed expression during juvenile development in the ophiurid *Amphipholis squamata*. *9th International Echinoderm Conference*. San Francisco, California.
- Noack, Katharina,** Zardoya, R., and Meyer, A. (1997) The complete nucleotide sequence of the mitochondrial genome of the most basal living bony fish *Polypterus ornatipinnis*. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Quintana-Ascencio, Pedro F.** (1996) Matrix model formulation for plant species: an example using ten years of data from a long lived perennial prairie clover, or Shrink, shrank, shrunk. *Internship report seminar at Archbold Biological Station*. Archbold Biological Station. Lake Placid, Florida.
- Quintana-Ascencio, Pedro F.** (1996) Population viability of *Hypericum cumulicola*: a plant species in patchy habitats with, sporadic fire. *Annual Meeting of the Center for Plant Conservation*. Denver, Colorado.
- Quintana-Ascencio, Pedro F.,** and Morales-Hernández, M. (1996) Fire mediated survivorship, growth and fecundity of *Hypericum cumulicola* in the patchy Florida rosemary scrub. *Current Research at Archbold Biological Station*. Lake Placid, Florida.
- Quintana-Ascencio, Pedro F.,** and Morales-Hernández, M. (1996) Fire dependent survivorship, growth, and fecundity of *Hypericum cumulicola* in patchy Florida rosemary scrub. *Annual Meeting of the Ecological Society of America*. Providence, Rhode Island.
- Menges, E. S., **Quintana-Ascencio, Pedro F.,** and Hawkes, C. V. (1996) Fire management for rare plants of Florida rosemary scrub: considering demography, gap dynamics and metapopulations. *23rd Annual Natural Areas Conference*. St. Charles, Illinois, USA.
- Rosenberg, Michael S.,** Gurevitch, J., and **Adams, D. C.** (1997) MetaWin: Windows software for ecological meta-analysis. *Annual Meeting of the Ecological Society of America*. Albuquerque, New Mexico.
- Altmann, J., and **Shimizu, Dominique.** (1996) Variability in fertility among female baboons: a basis for male mate choice. *Congress of the International Primatological Society and the Conference of the American Society of Primatologists*. Madison, Wisconsin.

- Shimizu, Dominique.** (1996) Methods of primate conservation. *Brookfield Zoo and the Chicago Zoological Society in Conjunction with the Congress of the International Primatological Society and the Conference of the American Society of Primatologists*. Madison, Wisconsin.
- Teese, Paul.** (1997) Natural selection for carbon dioxide compensation point in a C₃-C₄ intermediate species. *Annual Meeting of the Ecological Society of America*. Albuquerque, New Mexico.
- Verrelli, Brian C.,** and Eanes, W. F. (1997) Nucleotide variation at the Phosphoglucosyltransferase locus in *Drosophila*: population data. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Williams, Neal M.,** and **Goodell, Karen.** (1997) Association of nesting biology with mandible shape in bees: a morphometric comparison. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*. Boulder, Colorado.
- Chitka, L., **Williams, Neal M.,** and Rassmussen, H. (1996) Orientation and circadian activity of bumble bees foraging in complete darkness. *Annual Meetings of the Animal Behavior Society*. Flagstaff, Arizona.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Horovitz, Ines.** (1997) Postdoctorate. Department of Vertebrate Paleontology, *American Museum of Natural History*, New York, New York.
- McCartney, Michael.** (1997) Postdoctorate. *Smithsonian Tropical Research Institute*, Panama.
- Ortí, Guillermo.** (1997) Assistant Professor. Department of Biology, *University of Nebraska*, Lincoln, Nebraska.
- Quintana-Ascencio, Pedro.** (1997) Postdoctorate. Division de Conservacion de la Biodiversidad, *El Colegio de la Frontera Sur*, Chiapas, Mexico.
- Tanyhill, Dale.** (1997) Postdoctorate. Department of Biology, *University of Leeds*, Great Britain.
- Weissburg, Marc.** (1997) Assistant Professor. Department of Biology, *Georgia Tech University*, Atlanta, Georgia.

INTERNSHIP APPOINTMENTS

- Hinman, Katharine.** (1997) Internship with the Bat Roost Inventory Project. *Bureau of Land Management*. Arizona.

SOFTWARE DEVELOPED

- Rosenberg, M. S., Adams, Dean C.,** and Gurevitch, J. (1997) MetaWin: Statistical software for meta-analysis with resampling tests. *Sinauer Associates*, Sunderland, MA.

ECONOMICS

Graduate Director: Mark Montgomery

Department Chair: Warren C. Sanderson

GRANTS, FELLOWSHIPS, AND AWARDS

Ambrus, Attila (1996-1997) Research Grant for Summer Institute on Game Theory and Economics, \$10,000. *National Science Foundation*.

Burke, Kathleen (1996-1997) Research Grant. *Population Council*

Ciarreta, Aitor (1996-1997) Full Scholarship. *Basque Country, Spain*

Huang, Zhengao (1996-1997) Research Grant for Summer Institute on Game Theory and Economics, \$10,000. *National Science Foundation*.

Paredes, Edmundo (1996-1997) Fellowship. *Population Council*

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Burke, Kathleen and **Noonan, Kelly** (1996) *Intermediate Microeconomics: A Workbook Second Edition*. Corvallis, Oregon: Pacific Crest Software Inc.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Noonan, Kelly and **Burke, Kathleen** (1996) Implementing Interactive Learning: A Case Study of Intermediate Microeconomics. *Conference on Computers on Campus*. Myrtle Beach, South Carolina.

Burke, Kathleen (1997) Investing in Children's Human Capital in Tanzania: Does Long-Term illness Play a Role? *Annual Meetings of the Population Association of America*. Washington, D.C.

Montgomery, Mark, **Burke, Kathleen** and **Paredes, Edmundo** and Zaidi, Salman (1997) Measuring Living Standards with DHS Data: Any Reason to Worry? *Annual Meetings of the Population Association of America*. Washington, D.C.

Noonan, Kelly (1997) The Negative Effects of Housing Bequests on the Extended Family. *Annual Meetings of the Population Association of America*. Washington, D.C.

Okada, Daijiro (1996) Strategic Entropy and Complexity in Repeated Games. *Theory Seminar, Department of Economics*. Rutgers University, New Brunswick, New Jersey.

Okada, Daijiro (1996) Entropy Approach to Strategic Complexity in Repeated Games. *Institute of Mathematical Studies*. Kellogg Graduate School of Management, Northwestern University, Evanston, Illinois.

Montgomery, Mark, Hossain, M.B., **Zhao, Jianping** and Barkat-e-khuda, (1997) The Consequences of Unwanted Fertility for Children's Human Capital: The Bangladesh Case. *Annual Meetings of the Population Association of America*. Washington, D.C.

ELECTRICAL ENGINEERING

Graduate Director: Chi-Tsong Chen

Department Chair: Serge Luryi

GRANTS, FELLOWSHIPS AND AWARDS:

Kroll, James, (1996-1997) Wireless Voice and Data Computer Communication Project, \$6,000. *Northrop Grumman Corporation*, Great River, NY/USA.

Wang, Wenli (1996) Student Travel Award, \$500. *1996 IEEE Medical Imaging Conference*, Anaheim, CA.

Wang, Wenli (1996) Student Fellowship, \$3000. *Society of Nuclear Medicine*, Research and Education Foundation.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Beadle E. R., and Djuric, P. M. (in press) Bayesian Parameter Estimation of Autoregressive Mixture Processes Using Gibbs Sampling. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing*.

Beadle, E. R., and Djuric, P. M. (1996) Parameter Estimation for Non-Gaussian Autoregressive Processes. *Proceedings of the Conference on Information Sciences and Systems*.

Beadle, E. R. and Djuric, P. M. (in press) Uniform Random Parameter Generation of Stable Minimum Phase Real ARMA (p,q) Processes. *IEEE Signal Processing Letters*.

Beadle, E. R., and Djuric, P. M. (1997) A Fast Weighted Bayesian Bootstrap Filter for Nonlinear Model State Estimation. *IEEE Transactions on Aerospace and Electronic Systems* 33: 338-343.

Bishop, W. B., and Djuric, P. M. (1996) Model Order Selection of Damped Sinusoids in Noise by Predictive Densities. *IEEE Transactions on Signal Processing* 44: 611-619.

Zemanian, A.H., **Chan, Y.-R.**, and **Chang, V.A.** (1997) Transmission Networks. *CEAS Tech. Rep. 733*. SUNY at Stony Brook.

Chang, V.A., Zemanian, A.H. (1996) Resistive Grids in Early-Vision Chips: N-Dimensional Nonlinear Nonuniform Grounded Grids. *CEAS Tech. Rep. 730*. SUNY at Stony Brook.

Zemanian, A.H., **Chang, V.A.** (1997) Exterior Templates for Capacitance Computations, *CEAS Tech. Rep. 734*. SUNY at Stony Brook.

Djuric, P. M. and **Fwu, J.-K.** (in press) On the Detection of Edges in Vector Images. *IEEE Transactions on Image Processing*.

Fwu, J.-K. and Djuric, P. M. (1997) EM Algorithm for Image Segmentation Initialized by a Tree Structure Scheme. *IEEE Transactions on Image Processing* 6: 349-352.

Fwu, J.-K. and Djuric, P. M. (1996) Unsupervised Vector Image Segmentation by a Tree Structure - ICM Algorithm. *IEEE Transactions on Medical Imaging* 15: 871-880.

Djuric, P. M., **Fwu, J.-K.**, Jovanovic, S. and Lynn, K. (1996) On the Processing of Piecewise-Constant Signals by Hierarchical Models with Application to Single Ion Channel Currents *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing* 5: 2762-2765.

Fwu J.-K., and Djuric, P. M. (in press) Cluster Validation for Image Segmentation. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing*.

Fwu, J.-K., and Djuric, P. M. (1996) Unsupervised Vector Image Segmentation by the ICM Method. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing* 4: 2235-2238.

Fwu, J.-K., and Djuric, P. M. (1996) Automatic Segmentation of Piecewise Constant Signal by Hidden Markov Models *Proceedings of the IEEE SP Workshop on Statistical Signal and Array Processing*: 283-286.

Djuric, P. M., and **Guo, M.** (in press) A novel Approach to Multiuser Detection for CDMA Systems. *Proceedings of the IEEE Vehicular Technology Conference*.

Gindi, G.R., Doug, D., **Hsiao, I.T.**, and Rangarajan, A. (in press) Autoradiography-based Phantoms for Emission Tomography. *SPIE*. Newport, CA.

Lee, S.J., **Hsiao, I.T.**, and Gindi, G.R. (in press) The Thin Plate as a Regularizer in Bayesian SPECT Reconstruction. *IEEE Transaction on Nuclear Science*.

Li, H.-T. and Djuric, P. M. (1996) A Novel Approach to Detection of Closely Spaced Sinusoids. *Signal Processing* 51: 93-104.

Li, H.-T., and Djuric, P. M. (1996) An Iterative MMSE Procedure for Parameter Estimation of Damped Sinusoidal Signals. *Signal Processing* 51: 105-120.

Li, H.-T., and Djuric, P. M. (1996) MMSE Parameter Estimation of Multiple Chirp Signals. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing* 5: 2606-2609.

- Li, H.-T.**, and Djuric, P. M. (1996) An Iterative Procedure for Joint Bayesian Spectrum and Parameter Estimation of Harmonic Signals. *Proceedings of the IEEE International Symposium on Circuits and Systems*.
- Pan, J.-L.**, Djuric, P. M., and Rappaport, S. R. (1996) A Simulation Model of Combined Handoff Initiation and Channel Availability in Cellular Communications. *Proceedings of the IEEE Vehicular Technology Conference 3*: 1515-1519.
- Wang, W.**, Gindi, G. (1996) Noise Analysis of Regularized EM Algorithms for SPECT. *Technical Report MIPL-96-1*. Stony Brook: Departments of Radiology and Electrical Engineering.
- Wang, W.**, Gindi, G. (1996) Noise Analysis of Regularized EM Algorithms for SPECT: Validation and Task Performance Application to Quantitation. *Technical Report MIPL-96-3*. Stony Brook: Departments of Radiology and Electrical Engineering.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Zemanian, A.H., **Chan, Y-R.**, **Chang, V.A.** (1997) Transient Analysis of Arbitrary Networks of Lumped Ladders and Distributed Lines. *European Conference on Circuit Theory and Design*. Budapest, Hungary.
- Chang, Victor A.**, and Zemanian A.H. (1996) Analysis of N-Dimensional Nonlinear Nonuniform Grounded Infinite Grids. *International Symposium on the Mathematical Theory of Networks and Systems*. St. Louis, Missouri.
- Kroll, J.** and Phamdo N. (1997) Analysis and Design of Trellis Codes Optimized for a Binary Symmetric Markov Source with MAP Detection. *The 1997 Canadian Workshop on Information Theory*. Toronto, Canada.
- Kroll, J.** and Phamdo N. (1997) Optimization of Four Dimensional Trellis Codes for a Binary Symmetric Markov Source with MAP Detection. *1997 IEEE International Symposium on Information Theory*. Ulm, Germany.
- Mittal, U.**, Phamdo, N. (1997) Robust Joint Source – Channel Coding Theory. *1997 IEEE International Symposium on Information Theory Conference*. Ulm, Germany
- Wang, W.**, Gindi, G., (1996) Noise Analysis of Regularized EM for SPECT Reconstruction. *IEEE Nuclear Science Symposium and Medical Imaging Conference*. Anaheim, CA.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Soo-Jin Lee**, (1996) Postdoctoral Research Associate. Department of Radiology, *University at Stony Brook*, Stony Brook NY.
- Soo-Jin Lee** (1997) Assistant Professor. Department of Electronic Engineering, *Paichai University*, Taejon, Korea.

ENGLISH

Graduate Director: Joaquin Martinez-Pizarro

Department Chair: Paul Dolan

GRANTS, FELLOWSHIPS, AND AWARDS

Andrews, David. (1997) University Affairs Fellowship for Humanities and Social Sciences, \$1000. *SUNY at Stony Brook*, Stony Brook, NY.

Andrews, David. (1997) President's Award to Distinguished Doctoral Students, \$500. *SUNY at Stony Brook*, Stony Brook, NY.

Hickman, Trenton. (1996) Graduate Council Fellowship, stipend plus tuition waiver. *SUNY at Stony Brook*, Stony Brook, NY.

Johnsen, H.L.; Nagle, Christopher; Yood, Jessica. (1997) Recognition for Excellence in Writing Pedagogy. *SUNY Council on Writing*, Selden, NY.

Vassos-Rincon, Ines Patricia. (1996) W. Burghardt Turner Fellowship, stipend plus tuition waiver. *SUNY at Stony Brook*, Stony Brook, NY.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Burbery, Timothy. (in press) The Representation of Samson's Eyes in *Samson Agonistes*. *English Language Notes* 35.

Domina, Lynn. (in press) I Was Re-Elected President: Elizabeth Keckley as Quintessential Patriot. *Behind the Scenes. Finding Voice / Building Community: Women's Life-Writing*. L.S. Coleman, Ed. Bowling Green, OH: Popular Press.

Domina, Lynn. (in press) Protection in My Mouf: Self, Voice, and Community in Zora Neale Hurston's *Dust Tracks on a Road and Mules and Men*. *African American Review*.

Domina, Lynn. (in press) Angelina Grimke. *Nineteenth-Century American Women Writers: A Bio-Bibliographical Sourcebook*. D.D. Knight, Ed. Greenwood Press.

Domina, Lynn. (in press) Sarah Grimke. *Nineteenth-Century American Women Writers: A Bio-Bibliographical Sourcebook*. D.D. Knight, Ed. Greenwood Press.

Domina, Lynn. (in press) Pharoah's Army Got Drowned. *Outsiders*. L. Bosselaar, Ed. Milkweed Editions.

Domina, Lynn. (1996) Thursday. *The Carolina Quarterly Summer 1996*.

Domina, Lynn. (1996) Exodus. Sleeping Outside, June, 1991. *The Marlboro Review Winter / Spring 1996*.

Frangos, Jennifer. (1997) 'I love and only love the fairer sex:' The Writing of a Lesbian Identity in the Diaries of Anne Lister (1791-1840). *Women's Life-writing: Finding Voice/Building Community*. L.S. Coleman, Ed. Bowling Green, OH: Popular Press.

Hickman, Trenton. (1996) All Tucked In. *BYU Studies* 36 (1): 200.

Hickman, Trenton. (1996) Arrival. *River Styx* 48: 75.

Hickman, Trenton. (1996) Tightrope. *Literature and Belief* 16 (1): 25.

Hickman, Trenton. (1996) 'Your Passion's Ancient Wounds Must Bleed Anew:' Geoffrey Hill's Transformation of Lope de Vega's 'Poem XVII' from *Rimas Sacras*. *La Marca Hispanica* 7: 91-98.

Noble, Joseph. (in press) George Oppen's *Discrete Series*: Things Among Others. *Sagetrieb: A Journal Devoted to Poets in the Imagist/Objectivist Tradition*.

Noble, Joseph. (in press) Oppen, Heidegger, Nancy: Being-Together in the World. *Talisman: A Journal of Contemporary Poetry and Poetics* 17.

Noble, Joseph. (1996) Six poems: three from "grafts"; two from "reed work"; "leaf and stalk." *Antenym* 10.

Snyder, Carey and Anders, Eric. (1996) Wide Sargasso Sea: Imperial Travesty. *Jump Cut: A Review of Contemporary Media* 40(21).

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Bradshaw, Melissa. (1996) 'Well, but they let you talk:' Servants, Silence and Subjectivity in *The Mysteries of Udolpho*. *Aphra Behn Society Conference*. Athens, GA.

Bradshaw, Melissa. (1997) Amy Lowell, from left to right: The Politics of Obesity and the Construction of a Person. *Considered Unightly, A Transdisciplinary Conference on the "Freakish" and "Monstrous"*. Leeds, England.

Brent, Justin. (1997) Project Son-net: Writing on the World Wide Web. *SUNY Council on Writing*. Selden, NY.

Brent, Justin. (1997) Two Precursors to the Legend of Body and Soul. *Zephyrus Medieval Conference*. Stony Brook, NY.

- Burns, Rod.** (1997) *The Joy of Flix: a Gourmet Guide to Film in the Writing Classroom.* *Twelfth Annual SUNY Council on Writing Conference.* Selden, NY.
- Chinchillo, Melissa.** (1996) *Screened Out or Coming Out on the Sitcom Ellen.* *Connections Conference on Popular Culture.* Lexington, KY.
- Chinchillo, Melissa.** (1997) *Electronic Chaos in the Postmodern Classroom: The Student's Subversive Virtual Voice.* *SUNY Council on Writing.* Selden, NY.
- Crane, Susan; Good, Tina; Warshauer, Leanne.** (1997) *Who Wears the Pants?- Authority in the Composition Classroom.* *SUNY Council on Writing.* Selden, NY.
- Domina, Lynn.** (1997) *Create Your Own Anthology.* *Pedagogy Forum—Associated Writing Programs Conference.* Washington, D.C.
- Domina, Lynn.** (1996) *An Indian Was an Indian to Me: Elizabeth Custer's Autobiographies and the Dilemma of National Identity.* *National Women's Studies Association.* Saratoga Springs, NY.
- Donaldson, Elizabeth.** (1996) *Science and Sentiment: The Nature Fakers Controversy.* *Society for Literature and Science Annual Conference.* Atlanta, GA.
- Frangos, Jennifer.** (1996) *'I love and only love the fairer sex:' The Writing of a Lesbian Identity in the Diaries of Anne Lister (1791-1840).* *National Women's Studies Association Annual Conference.* Saratoga Springs, NY.
- Frangos, Jennifer.** (1996) *'Twixt lovers' hearts she's a fit instrument:' A Queer Reading of *The Roaring Girl*.* *Group for Early Modern Studies Conference.* Pittsburgh, PA.
- Frangos, Jennifer.** (1996) *'Don't forget you are in man's clothes:' The Isolation of the Mannish Woman in Early Nineteenth-Century England.* *Aphra Behn Society Conference.* Athens, GA.
- Johnsen, Heidi.** (1996) *The Social Hybrid in Frances Burney's *Evelina*.* *Aphra Behn Society Conference.* Atlanta, GA.
- Johnsen, Heidi.** (1997) *Form and Content in Gothic Writing.* *Twelfth Annual Conference of the SUNY Council on Writing.* Selden, NY.
- Johnsen, Heidi, Salmoni, Steve, Yood, Jessica.** (1997) *Keeping Assessment Viable: Challenging Establishment, Reinventing the Portfolio System.* *College Composition and Communication Conference.* Phoenix, AZ.
- Johnsen, Heidi, Nagle, Christopher, Yood, Jessica.** (1997) *The Discipline that Punishes: Gothic Visions and Revisions, or, The Work and Art of Academic Writing and Teaching in the Age of Economic Redistribution.* *SUNY Council on Writing Annual Conference.* Selden, NY.
- Lamond, Murray.** (1997) *Bede and the End of History.* *Kalamazoo International Medieval Conference.* Kalamazoo, MI.
- Mendelson, Laura L.** (1997) *Performance, Opacity and Trouble: Leone and Macdonald at the Fawbush.* *Forms of Desire: 7th Annual Queer Graduate Studies Conference.* New York, NY.
- Nagle, Christopher.** (1997) *Symptoms of Pain, Frissons of Sensuality: Violence, Perversion, and the Sadean Economy of Sensibility.* *Cultural Violence Conference.* Washington, DC.
- Nagle, Christopher.** (1996) *Lady Delacour's Secret: *Belinda* and the Logic of Grotesque Hybridity.* *Aphra Behn Society Conference.* Athens, GA.
- Nagle, Christopher.** (1996) *'dire extremes:' Anne Batten Cristall and the Queer Dialectics of Desire.* *Group for Early Modern Cultural Studies Conference.* Pittsburgh, PA.
- Snyder, Carey.** (1996) *Atoms Flying in the Void: *The Voyage Out* as a Novel of de-Formation.* *The Seventh Annual Virginia Woolf Conference.* Plymouth, NH.
- Snyder, Carey.** (1996) *Amazons, Men of Honour, and the Battle for the Breast: The Question of Medical Authority in Frances Burney's Mastectomy Letter and Maria Edgeworth's *Belinda*.* *Aphra Behn Society Conference.* Athens, GA.
- Snyder, Carey.** (1996) *Exporting Victorian Domesticity: the Gender Bending and Colonial Escapades of Florence Nightingale and Mary Seacole.* *The Group for Early Modern Cultural Studies Conference (GEMCS).* Pittsburgh, PA.
- Warshauer, Leanne.** (1997) *Small But Meaningful Ways.* *SUNY Council on Writing.* Selden, NY.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Andrews, David.** (1997) Assistant Professor of Humanities. *SUNY Maritime College*, Throg's Neck, NY.
- Finn, Leonard.** (1997) Instructor. Department of English, *Valdosta State College*, Valdosta, Georgia.

INTERNSHIPS AND OTHER APPOINTMENTS

- Burns, Rod.** (1997) Editor. *SNARK: A Journal of Short Fiction and Poetry.* SUNY at Stony Brook. Stony Brook, NY.

- Domina, Lynn.** (1997) Invited Lecturer. *The Response of Contemporary Poets to Women in the Bible*. The Unitarian Church of All Souls. New York, NY.
- Domina, Lynn.** (1997) Invited Poet. *Preachers and Artists Series*. Union Theological Seminary. New York, NY.
- Domina, Lynn.** (1997) Contributing Editor. *The Marlboro Review*.
- Domina, Lynn.** (1997) Faculty Consultant. *College Board Advanced Placement Program*.
- Domina, Lynn.** (1997) Judge. *Fonthill Writer's Award*. The College of Mount St. Vincent. New York, NY.
- Igarashi, Michelle Yoshimori.** (1997) Copyeditor. *Ananya: a Volume of Essays on India's Past and Present Celebrating the 50th Anniversary of India's Independence*. Delhi: Thompson Press.
- Nagle, Christopher.** (1996) Intern. *Victorian Literature and Culture*. Stony Brook, NY.

GENETICS

Graduate Director: Sidney Strickland

GRANTS, FELLOWSHIPS, AND AWARDS

Polyakova, Julia (1996) Predoctoral Traineeship, \$60,000 per 3 years. *U.S. Army Medical Research and Materiel Command, Breast Cancer Research Program*, Fort Detrick, Frederick, Maryland.

Tello-Ruiz, Marcela K. (1996) Fulbright Fellowship, \$13,000. *Consejo Nacional de Ciencia y Tecnologia, and Institute of International Education (CONACYT/IIIE)*, Mexico/USA.

Tello-Ruiz, Marcela K. (1996) Delta Kappa Gamma Society International Fellowship. \$4,000. *Delta Kappa Gamma International*, USA

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Colley, W. Cliff, Sung, T.-C., Roll, R., Jenco, J., Hammond, S.M., Altshuler, Y., Bar-Sagi, D., Morris, A.J., and Frohman, M.A. (1997) Phospholipase D2, a distinct phospholipase D isoform with novel regulatory properties that provokes cytoskeletal reorganization. *Current Biology* 7: 191-201.

Gumienny, Tina L., and Hengartner, M.O. (in press) *C. elegans* as a model system for germ cell differentiation. *Cell Death in Reproductive Physiology*. J.L. Tilly, ed., NY: Springer Verlag.

Spector, M., Desnoyers, S., **Hoepfner, Daniel**, and Hengartner, M. (1997) Interaction between the *C. elegans* cell-death regulators CED-9 and CED-4. *Nature* 385: 653-656.

Huang, Chong C., and Herr, W. (1996) Differential control of transcription by homologous homeodomain coregulators. *Mol. Cell Biol.* 16: 2967-2976.

Crespo, P., Schuebel, K.E., **Ostrom, Amy A.**, Gutkind, J.S., and Bustelo, X.R. (1997) Phosphotyrosine-dependent activation of Rac-1 GDP/GTP exchange by the *vav* proto-oncogene product. *Nature* 385: 169-172.

Schneider, B.L., **Yang, Qinghong**, and Futcher, A.B. (1996) Linkage of Replication to Start by the Cdk Inhibitor Sic1. *Science*, 272: 560-562.

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Tharin, Suzanne, Wightman, B., Tsung, N., Hartweg, E., Garriga, G., Horvitz, B., and Hengartner, M. (1996) UNC-69, a molecule required for axonal guidance, is conserved from worms to humans. *East Coast C. elegans Meeting*, Rutgers University, Camden, New Jersey.

Tharin, Suzanne, Wightman, B., Tsung, N., Hartweg, E., Garriga, G., Horvitz, B. and Hengartner, M.O. (1996) UNC-69, a molecular required for axonal guidance, is conserved from worms to humans. *Society for Neuroscience Annual Meeting*, Washington, D.C.

Yang, Qinghong, Schneider, B.L., and Futcher, A.B. (1996) G1 cyclins and Sic1. *The Cell Cycle*, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

Chin-Fu Chen (1997) Postdoctoral Fellow. *Department of Medicine*, University of Pennsylvania, Pennsylvania.

Kimberly, Gavin (1996) Assistant Editor. *Genes and Development*. *Cold Spring Harbor Laboratory Press*, Cold Spring Harbor, New York.

Chong (Chris) Huang (1997) Research Fellow in Neurology. *Molecular Neurogenetics Unit, Massachusetts General Hospital and Harvard Medical School*, Charlestown, Massachusetts.

Pereira, Daniel (1997) Postdoctoral Fellow. *Center for Molecular Biology, Mt. Sinai Medical Center*, New York, New York.

Taylor, Deborah (1996) Postdoctoral Fellow. *Howard Hughes Medical Institute, Department of Molecular Microbiology and Immunology, University of Southern California*, Los Angeles, California.

GEOSCIENCES

Graduate Director: Hanna Nekvasil

Department Chair: Donald Lindsley

GRANTS, FELLOWSHIPS and AWARDS

Li, Baosheng. (1996) Outstanding Student of the Year in Mineral and Rock Physics, \$500. *Committee on Mineral and Rock Physics of the American Geophysical Union*, Washington, D. C.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Cooke, Joseph. (1997) MS Degree. Elasticity of Pyrope Garnet at High Pressure. MS Thesis, SUNY Stony Brook.

Flesch, Lucy. (1997) Sound Velocities of MgSiO₃-Orothopyroxend to 10 GPa at Room Temperature. MS Thesis, SUNY Stony Brook.

Li, Baosheng. (1996) Ultrasonic Measurements of the Elastic Wave Velocities of Olivine and Beta Polymorphs of Mg₂SiO₄ at Mantle Transitions Zone P and T and Geophysical Implications. PhD Thesis, SUNY Stony Brook.

Liu, Jun. (1997) Calorimetry study of the coesite-stishovite transformation and calculations of the phase boundary. MS Thesis, SUNY Stony Brook.

Sinelnikov, Yegor. (1997) Elasticity of CaTiO₃-CaSiO₃ Perovskites at High Pressures. MS Thesis, SUNY Stony Brook.

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Brown, C.J., Scorca, M.P., Stockar, G.G., Stumm, Frederick, and Ku, H.F.H.. (in press) Urbanization and recharge in the vicinity of East Meadow Brook, Nassau County, New York: Part 4-Water quality in the headwaters area, 1988-93. *U.S. Geological Survey Water Resources Investigations Report 96-4289*.

Chen, J., Li, R., Parise, J. B. and Weidner, D. J. (1996) Pressure induced ordering in NiMg-olivine. *American Mineralogist* 81: 1519-1522

Fuhrmann, M., Zhou, H., J. Neiheisel, M.A. Schoonen, and R. Dyer (in press) Sorption/Desorption of Radioactive Contaminants by Sediment from the Kara Sea. *Science of the Total Environment*.

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Fuhrmann, M., H. Zhou, B. Patel, B. Bowerman, and J. Brower. (1996) Radionuclide Contaminated Soil: Laboratory Study and Economic Analysis of Soil Washing. *BNL Report BNL-63679*. Brookhaven National Laboratory.

Fuhrmann, M. and P. Kalb (1996) Leaching Behavior of Polyethylene Encapsulated Nitrate Waste. *Stabilization and Solidification of Hazardous, Radioactive and Mixed Wastes STP 1240*. T.M. Gilliam and C. Wiles, eds. Philadelphia: American Society for Testing and Materials.

McConnell, J., Rogers, R., J. Jastrow, W. Sanford, T. Sullivan and M. Fuhrmann (1997) Results After Ten Years of Field-Testing Low-Level Radioactive Waste Forms Using Lysimeters. *Waste Management '97*.

Li, B., I. Jackson, T. Gasparik and R. C. Liebermann (1996) Elastic wave velocity measurement in multi-anvil apparatus to 110 GPa using ultrasonic interferometry. *Phys. Earth Planet. Interiors*, 98: 79-91.

Li, B., G. D. Gwanmesia and R. C. Liebermann (1996) Sound velocities of olivine and beta polymorphs of Mg₂SiO₄, at Earth's transition zone pressures. *Geophys. Res. Letters*, 23: 2259-2262.

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Liu, J., L. Topor, J. Zhang, A. Navrotsky and R. C. Liebermann (1996) Calorimetry study of the coesite-stishovite transformation and calculations of the phase boundary. *Phys. Chem. Minerals* 23: 11-16.

- Lu, F.H.** and Meyers, W.J. (in press) Massive dolomitization of a late miocene carbonate platform: a case of mixed evaporative brines with meteoric water, Nijar, Spain. *Sedimentology*.
- Meyers, W.J., **Lu, H.F.**, and Zachariah, J. (in press) Dolomitization by mixed evaporative brines and freshwater, late miocene carbonates, Nijar, Spain. *J. Sedim. Petrol.*
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- Shen-Tu, Bingming.**, and Holt, W. E. (1996) Interseismic horizontal deformation in northern Honshu and its relationship with the subduction of the Pacific plate in the Japan trench. *Geophys. Res. Lett.* 23: 3103-3106.
- Parise, J. B., Y. Wang, G. D. Gwanmesia, J. Zhang, Y. **Sinelnikov, J.** Chmielowski, J. Weidner and R. C. Liebermann, The symmetry of garnets on the pyrope (Mg₃Al₂Si₃O₁₂)-majorite (MgSiO₃) join. *Geophys. Res. Letters* 23: 3799-3802.
- Tan, K.**, Ko, Y., Parise J. B. and Darovsky, A. (1996) Hydrothermal growth of single crystals of TMA-CuGS-2, (Cu_{0.44}Ge_{0.56}S_{2.23})₄(Ge₄S₈)₃·6(CH₃)₄N and their characterization using synchrotron imaging plate data. *Chemistry of Materials* 8: 448-453
- Ko, Y., **Tan, K.**, Parise J. B. and Darovsky, A. (1996) The synthesis of a novel 2-Dimensional antimony sulfide, [C₄H₁₀N]₂[Sb₈S₁₃]·0.15H₂O and its structure solution using synchrotron imaging plate data. *Chemistry of Materials* 8: 493-496
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- Parise, J. B. and **Tan, K.** (1996) Synthesis and structural characterization using synchrotron radiation of [(C₆H₁₃N₂)₂(H₃O)(H₂O)][AgGe₄S₁₀] (Dabco-AgGS-SB2): knitting sulfide metal clusters to form frameworks, *Journal of the Chemical Society, Chemical Communications*: 1687-1688
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- Becker, M.L.**, and Sinha, A.K. (1997) Petrogenesis of the Springfield Granodiorite, Southeast Pennsylvania Piedmont. *Geological Society of America Northeast Section Abstracts with Programs*. King of Prussia, PA.
- Becker, M.L.**, and Hanson G.N. (1997) Potential for U-Pb Dating of Coprolites, Hartford Basin, Connecticut. *Long Island Geologists 1997 Meeting*. Stony Brook, NY.
- Bennett, A.C.** (1997) Effects of anisotropy on a US3D finite element groundwater model. *Long Island Geologists Meeting*. Stony Brook, NY.
- Bernard, M.**, Davis, D., Haq, S., and Mutter, D. (1997) Glaciotectonic origin of terrain, Hither Hills, Long Island: A preliminary study. *Long Island Geologists Meeting*. Stony Brook, NY.

- Bernard, M.**, Shen-Tu, B., Holt, W. E., Davis, D. M. (1997) Kinematics of Active Deformation, Sulaiman Range, Pakistan. *1997 Spring AGU Meeting*. Baltimore, Maryland.
- Davis, D. M., Haq, S. S. B., **Bernard, M.**, Holt, W. E. (1997) Strain Partitioning in the Structures, Seismicity, and Tectonics of Western Pakistan. *1997 Spring AGU Meeting*. Baltimore, Maryland.
- Bleifuss, P.**, Hanson, G. N., and Schoonen, M. A. A. (1997) A geochemical study of the effects of land use on nitrate contamination in the Island Aquifer system. *Long Island Geologists Meeting*. Stony Brook, NY.
- Cooke, J. A. Jr.**, G. Chen, G. D. Gwanmesia and R. C. Liebermann (1997) Elastic Wave Velocities of Pyrope garnet Mg₃Al₂Si₃O₁₂ to 9 GPa at room temperature *Eos, Trans. American Geophysical Union*, 78: S312. Baltimore, MD.
- Flesch, L.**, B. Li, and R. C. Liebermann (1997) Sound velocities of polycrystalline MgSiO₃ to 10 GPa at room temperature. *Eos, Trans. American Geophysical Union*, 78: S312. Baltimore, MD.
- Li, B., J. Liu, **L. Flesch**, R. C. Liebermann, J. Chen, M. T. Vaughan, D. J. Weidner (1997) P-V-Vp-Vs-T measurements in Wadsleyite (β-Mg₂SiO₄) to 7 GPa 900K using simultaneous ultrasonic interferometry and in situ X-ray diffraction. *Eos, Trans. American Geophysical Union* 78: S312. Baltimore, MD.
- Lawrence, S. A.** and Hanson, G. N. (1997) Dendochronology and geochemistry of trees on Long Island, NY. *Long Island Geologists Meeting*. Stony Brook, NY.
- Lev, S. M.**, McLennan, S.M. and Hanson, G. N. (1997) Sm-Nd and U-Th-Pb systematics of black shale diagenesis. *GAC-MAC Annual Conference, Chris Roddick symposium*. Ottawa, Canada.
- Li, Baosheng.** (1996) Elasticity of olivine and beta polymorphs of Mg₂SiO₄ at transition zone P and T. *Gordon Conference*.
- Li, B., J. Liu, L. Flesch**, G. Gwanmesia, and R. C. Liebermann (1996) Elasticity of polycrystalline beta phase of Mg₂SiO₄ from simultaneous X-ray and ultrasonic measurements to 7 GPa and 900K in a multianvil apparatus. *Eos, Trans. American Geophysical Union*.
- Liebermann, R.C., G. Chen, **B. Li**, G. Gwanmesia, J. Cook, **L. Flesch, J. Liu, Y. Sinelnikov**, and D. J. Weidner (1996) Simultaneous X-ray and acoustic measurements of equation of state of solids at high pressure and temperatures in multianvil apparatus. *Eos, Trans. American Geophysical Union*.
- Chen, G., **B. Li**, and R.C. Liebermann (1996) Simultaneous high temperature and high pressure ultrasonic interferometric experiments measurements in a multi-anvil apparatus. *Eos, Trans. Amer. Geophys. Union*, 77: 267.
- Liebermann, R. C., G. Chen, **B. Li**, G. D. Gwanmesia, J. Chen, M. T. Vaughan, D. J. Weidner (1996) Sound Velocity Measurements in Oxides and Silicates at Simultaneous High Pressures and Temperatures using Ultrasonic Techniques in Multi-Anvil Apparatus. *Eos, Trans. American Geophysical Union* 77. Baltimore, MD.
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- McDaniel, D. K.**, Sevigny J. H., Hanson, G. N., and McLennan, S. M., (1996) Provenance of the middle-amphibolite-grade Trap Falls Formation, Connecticut. *Long Island Geologists 1996 meeting, Program with Abstracts*, 110-115. Stony Brook, NY.
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- Rawling, Geoffrey C.** and Wong, T.-F. (1996) The Effect of Foliation on Strength and Dilatancy in Gneiss. *AGU San Francisco*. San Francisco, CA
- Rawling, Geoffrey C.** *GSA Penrose Conference on Faults and Fluid Flow (Invited)*.
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- Shen-Tu, Bingming**, Holt, W. E., Haines, A. J. (1997) Long-term and short-term deformation fields in southern California determined from geological and geodetic data. *1997 Spring AGU Meeting*. Baltimore, Maryland.
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- Ren, J., Holt, W. E., **Shen-Tu, B.** (1997) Kinematic deformation in central and southeast Asia. *1997 Spring AGU Meeting*. Baltimore, Maryland.
- Tan, Kemin** (1996) Applications of synchrotron/imaging plate system to elucidate the structure and synthetic pathways to open framework antimony sulfides. *International Union of Crystallography XVII Congress and General Assembly*.
- Wen, S.** and Nekvasil, H. (1997) Associated Solution Modeling of Silicate Melts in Multicomponent Space. *American Geophysical Union Spring Meeting*.
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- Xirouchakis, D.**, Kunz, M., Parise, J.B., Lindsley, D. H., and Cox, D. (1996) Synthesis conditions and unit cell parameters of synthetic end member Titanite (CaTiSiO_4). *EOS 77: 144. American Geophysical Union*. Baltimore, Maryland.
- Xu, Y.** Schoonen M. (1997) Hydrothermal fixation of N_2 and CO_2 by semiconducting minerals. *The 27th Northeast Regional Meeting of America Chemical Society*.
- Zeng, Q.**, Nekvasil, H. and Grey, C.P. (1997) Structure of hydrous albite glasses: Information from a $^{27}\text{Al}/^{1}\text{H}$ and $^{23}\text{Na}/^{1}\text{H}$ Trapor NMR study. *American Geophysical Union Spring Meeting*.
- Zeng, Q.**, Nekvasil, H. and Grey, C.P. (1997) Invited Water solubility mechanisms in $\text{NaAlSi}_3\text{O}_8$ and $\text{KA1Si}_3\text{O}_8$ melts: structural information from glass degassing experiments. *European Union of Geosciences Meeting*. Strasbourg, France. *Terra Nova 9: 484*.
- Nekvasil, H. and **Zeng, Q.** (1997) Associated solution modeling: application to feldspar- H_2O melts. *European Union of Geosciences Meeting*. Strasbourg France. *Terra Nova 9: 479*.
- Zeng, Q.**, Nekvasil, H. and Grey, C.P. (1996) A combined nucleation and ^{29}Si NMR study of lithium disilicate glass. *American Geophysical Union Fall Meeting*.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Tan, K.** Parise, J. B., Ko, Y. and Darovsky, A. (1996) Post-doctoral Researcher. Dana-Farber Cancer Institute, *Harvard University Medical School*, Boston, MA.
- Xirouchakis D.**, (1997) Postdoctoral Associate. Department of Geology and Geophysics, *University of Minnesota*, Twin Cities, Minnesota.
- Xu Y.** (1997) Postdoctoral Associate. Department of Earth and Space Sciences, *State University of New York at Stony Brook*

GERMANIC AND SLAVIC LANGUAGES AND LITERATURES

Graduate Director: Barbara Elling

Department Chair: Christina Bethin

GRANTS, FELLOWSHIPS, AND AWARDS

Bednarowska, Aleksandra. (1997) Summer Curricular Grant, \$3200. *Bucknell University*, Lewisburg, Pennsylvania.

Ginzursky-Blum, Bella. (1996, 1997) Summer Fellowship. *William and Mary University*

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Bednarowska, Aleksandra. (1996) Der fremde Freund und das fremde Ich - femininity as masquerade in Christoph Hein's 'Der fremde Freund.' *First Annual Graduate Student Conference*. University of Cincinnati, Cincinnati, Ohio.

Bednarowska, Aleksandra. (1996) Media Workshop. *Media Workshop for Teachers of German*, Goethe House New York, and American Association of Teachers of German, Language Learning and Research Center, SUNY at Stony Brook.

PROFESSIONAL APPOINTMENTS

Bednarowska, Aleksandra. (1996-1998) Visiting Assistant Professor of German. Department of Modern Languages, Literatures and Linguistics, *Bucknell University*, Lewisburg, Pennsylvania.

Malhame, Therese. (1996) Assistant Editor. *Problems of Economic Transition*. Editor. *Chinese Economic Studies*, and *International Journal of Sociology*.

ELECTED OFFICE

Hecker, Judy. (1996/97) Vice President. AATG.

TRANSLATIONS

Ginzursky-Blum, Bella. (1996) Nikolai Leskov's *Lefty*. *An Anthology of Russian Literature from Earliest Writings to Modern Fiction*. N. Rzhnevsky, ed. M.E. Sharpe, Publisher.

Sohonee, Rama. (1996) *Chapayev Anecdotes*. *An Anthology of Russian Literature from Earliest Writings to Modern Fiction*. N. Rzhnevsky, ed. M.E. Sharpe, Publisher.

Malhame, Therese. (1996) Ivan Turgenev's *Bezhin Meadow* published in *An Anthology of Russian Literature from Earliest Writings to Modern Fiction*. N. Rzhnevsky, ed. M.E. Sharpe, Publisher.

HISPANIC LANGUAGE AND LITERATURE

Graduate Director: Antonio Vera-Leon
 Department Chair: Roman de la Campa

GRANTS, FELLOWSHIPS, AND AWARDS

Mayer, Anne. (1997) University Affairs Fellowship for the Humanities and Social Sciences, \$1000. *SUNY Stony Brook*. Stony Brook, NY.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/ REVIEWS

Gonzalez-Zenteno, Gloria (1997) La metáfora de lo desconocido: el animal en Franz Kafka, Juan Jose Arreola y Augustos Monterroso. PhD Thesis, SUNY Stony Brook.

Mayer, Anne. (in press). Software Reviews, *Let's Visit France, Let's Visit Mexico, Let's Visit Spain, Let's Visit South America and History and Culture of Spain*. *Northeast Conference Newsletter*.

Millan, Madeline. (1997) Estudios sobre el suspense en el género detectivesco latinoamericano. PhD Thesis, SUNY Stony Brook.

Perez, Angela (1997) La geografía de los tiempos difíciles: escritura de viajes a sur América durante los años de la independencia. PhD Thesis, SUNY Stony Brook.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Woods, Eva. (1997) Performance in Theory and Practice: The 'folklorica' as the Internal Other in 'Maria de la O,' and 'Morena Clara.' *Cine-Lit III: An International Conference on Hispanic Literatures and Cinematographies*. Portland, Oregon.

Woods, Eva. (1997) The Politics of Exoticism: Exoticism in Emilia Pardo Bazan's 'Dulce Dueno.' *Conference on Exoticismo y Literatura: España y Latinoamérica*. Montclair State College, Upper Montclair, New Jersey.

PROFESSIONAL APPOINTMENTS

Azcue, Verónica (1996-97) Visiting Assistant Professor. *Bowdoin College*, Brunswick, Maine.

Camara, Madeline (1996-97) Assistant Professor. Spanish Department, *University of Central Florida*, Orlando, Florida.

Camara, Madeline. (1997) Assistant Professor. *San Diego State University*, San Diego California.

Evangelista, Liria (1996-97) Visiting Assistant Professor. Spanish Department, *Middlebury College*, Middlebury, Vermont.

Fernández, Héctor (1996-97) Assistant Professor. *University of Montevallo*, Alabama.

Gonzalez-Zenteno, Gloria (1996-97) Visiting Instructor. Spanish Department, *Middlebury College*, Middlebury, Vermont.

Gonzalez-Zenteno, Gloria. (1997) Assistant Professor. *Middlebury College*, Vermont.

Kuhn, Francisco (1996-97) Visiting Assistant Professor. *St. Lawrence University*, Canton, Kentucky

Martell Jaime (1996-97) Assistant Professor. *University of Puerto Rico*, Ponce, Puerto Rico.

Mayer, Anne. (1997) Assistant Professor. Department of Modern Foreign Languages, *Valdosta State University*, Valdosta, Georgia.

Pérez, Angela (1996-97) Assistant Professor. *Brandeis University*, Waltham, Mass.

Valencia, Diana (1996-97) Assistant Professor. *Saint Joseph College*, Hartford, Connecticut

HISTORY

Graduate Director: Ned Landsman
 Department Chair: Gary Marker

GRANTS, FELLOWSHIPS, AND AWARDS

- Armus, Seth.** (1997) Doctoral Fellowship, \$1,000. *University Affairs Fellowship Awards in Humanities and Social Sciences*, SUNY at Stony Brook, Stony Brook, N. Y.
- Blake, Stanley.** (1997) Dissertation Research Fellowship. *Rockefeller Foundation*, Tarrytown, New York.
- Blake, Stanley.** (1997) Graduate Travel/Research Award, \$1,000. *Partnership Fund for Latino Scholars and Research*, SUNY at Stony Brook, Stony Brook, N. Y.
- Browne, Robert.** (1997) Summer Fellowship Award. *National Endowment for the Humanities*, Washington, D.C.
- Comfort, Nathaniel.** (1996-1997) Doctoral Dissertation Improvement Grant, \$8,500. *National Science Foundation*.
- Fea, John.** (1997-1998) Research Grant in Aid, \$8,000. *New Jersey Historical Commission*, Trenton, N. J.
- Fea, John.** (1997-1998). Research Grant, \$2,000. *Philadelphia Center for Early American Studies*, Philadelphia, Pa.
- Franks, Julie.** (1996-97) Rockefeller Fellow. *Dominican Studies Institute*, CUNY-City College, New York, N. Y.
- Gauss, Susan.** (1997) Doctoral Fellowship, \$1,000. *University Affairs Fellowship Awards in Humanities and Social Sciences*, SUNY at Stony Brook, Stony Brook, New York.
- Glave, Dianne.** (March 1997) Andrew W. Mellon Research Fellowship, *Virginia Historical Society*, Virginia.
- Grimaud, Anne-Marie** (1997) Research Grant. *Direction du Patrimoine*, French Ministry of Culture, Paris, France.
- Johnson, Michael T.** (1996-1997) Dissertation Research Fellowship, *Harvard Business School*, Harvard University, Boston, Ma.
- Krysko, Michael.** (1997) Dissertation Research Grant, \$1,000. *Herbert Hoover Presidential Library Grant and Fellowship Association*, Herbert Hoover Presidential Library, West Branch, Ia.
- McCrea, Heather.** (1997) Doctoral Fellowship, \$1,000. *The University Affairs Fellowship for Humanities and Social Sciences*, State University of New York at Stony Brook, Stony Brook, New York.
- Osorio, Alejandra.** (1996-97) Fulbright Dissertation Research Fellowship. *United States Information Agency*, Lima, Peru.
- Osorio, Alejandra.** (1996) W. Burghardt Turner Summer Grant for Research in Spain, \$2,300. *Graduate School, SUNY Stony Brook*, Stony Brook, New York.
- Serulnikov, Sergio.** (1996). James A. Robertson Prize, \$200. *The Hispanic American Historical Review*.
- Taipale, Susanna** (1996-1997) Research Fellowship Grant, *North American Studies Graduate Program*, Academy of Finland, Tampere, Finland
- Vassallo, Alejandra,** (1997), Graduate Travel/Research Award, \$1,000. *Partnership for Latino Scholars and Research*, State University of New York at Stony Brook.
- Williams, Derek.** (1996) Doctoral Fellowship, *Social Sciences and Humanities Research Council of Canada*. Ottawa, Canada.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Bass, Amy.** (1997) Various Articles, *Encyclopedia of African American Associations*. Nina Mjdgkij, ed. New York, N. Y.: Garland Publishing, Inc.
- Fea, John.** (1996) Samuel Doak. *Encyclopedia USA*. D. Whisenhunt, ed. Gulf Breeze, FL: Academic International Press.
- Fea, John.** (1996) Lorenzo Dow, *Encyclopedia USA*. D. Whisenhunt, ed. Gulf Breeze FL: Academic International Press.
- Lowengard, Sarah.** (1997) Key Document from the Archive: About Mundic. *RSA Journal (The Journal of the Royal Society for the Encouragement of Arts, Manufactures & Commerce)* CXLV (5476): 64.
- Lowengard, Sarah.** (Summer 1996) Review, *European Women and Preindustrial Craft. Business History Review*, 70 (2).
- Osorio, Alejandra.** (in press) El Callejon de la Soledad: Vectors of Cultural Hybridity in Seventeenth-Century Lima. *Spiritual Encounters: Interaction Between Christianity and Native Religions in Colonial America*. F. Cervantes, et al, eds. Birmingham, UK: University of Birmingham Press.
- Osorio, Alejandra.** (in press) Hechicerias y curanderismo en la Lima del siglo XVII. Formas Femeninas de control y accion social. *Actas del I Congreso Mujer y Genero en la Historia del Peru*. Lima, Peru: CENDOC-Mujer.
- Serulnikov, Sergio.** (1996). Disputed Images of Colonialism. *The Hispanic American Historical Review*, 76.
- Stern, John** (1997) Poltava, 1944: The Road Not Taken, *Voprosy, Istorii* (Russian Historical Journal).
- Vassallo, Alejandra.** (in press) Sin Dios y Sin Jefe: políticas de género en la revolución social. *Taller: Revista de Sociedad, Cultura y Política* (Buenos Aires). Special issue "Gender and History."

- Vassallo, Alejandra.** (1996) 'La americanidad' y la construcción del género. Tres enfoques comparados en la historiografía de la inmigración a Estados Unidos: Oscar Handlin, *The Uprooted*; John Bodnar, *The Transplanted*; Donna Gabaccia, *From the Other Side*. (*De Sur a Norte. Perspectivas Sudamericanas sobre Estados Unidos*) (Buenos Aires) 2 (3): 13-24.
- Williams, Derek.** (1997) Etnicidad, género y rebelión en los andes colombianos: La sublevación de los Paslos, 1800. *Procesos: Revista ecuatoriana de historia (Quito)* 10.
- Williams, Derek.** (1996) Blanca Muratorio (cd.), Imágenes e imagineros. Representaciones de los indígenas ecuatorianos, siglos xix y xx., FLASCO Quito, 1994. *Procesos: Revista ecuatoriana de historia (Quito)* 9.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Phillips L., Weinstein B., **Vassallo A.** (1997) Report on the 10th Berkshire Conference on the History of Women. *International Labor & Working-Class History*, 51.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Allison, Victoria.** (1997) From Bloody Precedent to 'Big Boy': The North American Media in U. S.-Argentine Relations, 1943-1955. *Annual Conference of the Society for Historians of American Foreign Relations*. Washington, D. C.
- Aquino, Hilary.** (1997) The Thermometer's Journey from Hospital to Home in the late 19th and 20th Centuries. *College of Physicians of Philadelphia*. Philadelphia, Pa.
- Beal, Thomas D.** (1997) Envisioning Abundance: New Amsterdam's Marketplace Amid a Land of Agricultural Plenty. *Newberry Library Urban History Group*, Chicago, Il.
- Beal, Thomas D.** (1997) The Perception of the Public Market in New York City from the Dutch Land of Plenty to Walt Whitman's 'pictures of life.' *Conference on New York History*. Saratoga Springs, NY.
- Comfort, Nathaniel.** (1996) Great wits jump: Barbara McClintock's Rigor and Fancy. *History of Science Society Meetings*. Atlanta, Ga.
- Comfort, Nathaniel.** (1996) Session organizer. New Directions in Biography. *History of Science Society Meetings*. Atlanta, Ga.
- Dawson, Alexander** (April 1997) 'Love, Death and the Mexican Soul.' Indian, Folk and Nation in Indigenismo, 1915-1940. "Janey" *Conference in Latin American Studies*. New School for Social Research, New York, N. Y.
- Fea, John.** (1996) Communication, Community, and Evangelical Revival: Eleazar Wheelock's Great Awakening of Letters. *Annual Meeting of the Society for the History of Reading, Authorship, and Printing*. Worcester, Ma.
- Fea, John.** (1997) Samuel Finley Versus Abel Morgan: Revivalism, Ethnicity, and an Eighteenth Century Disputation on Baptism in Cape May, New Jersey, 1743. *Winter Meeting of the American Society of Church History*. New York, N. Y.
- Franks, Julie.** (1997) Migration, Race and Culture. The Dominican Diaspora in the Global Society., *Dominican Studies Institute*. CUNY-City College, New York.
- Franks, Julie.** (1997) The U. S. Invasion of 1916-1924 and Rural Dominican Life. *Diaspora, Democracy, Dominicanness: A Seminar on Dominican History and Culture*. Hostos Community College, Bronx, N. Y.
- Franks, Julie.** (1997) Round Table Participant on Dominican Studies in the United States. *XXI International Congress of the Latin American Studies Association*. Guadalajara, Mexico.
- Friskin, Amanda.** (1997) Tabloid Representations of Victoria Woodhull: *The Days' Doings*, 1870-72. *The Bowery Seminar*. Cooper Union, New York, NY.
- Friskin, Amanda.** (1997) 'The Negro and the Prostitute:' Miscegenation Fears in the Election of 1872. *North East American Studies Association Annual Meeting*. Salem, Ma.
- Glave, Dianne.** (1997) The General Education Board: African Americans in Southern Farming and Conservation. *American Society for Environmental History Conference*. Baltimore, Md .
- Gonzalez-Chiaramonte, Claudio.** (1997) Expanding Paradigms, Redesigning Frontiers: American Cultural Diplomacy, Argentine Nationalism, and the Quest for a New Inter-American Community of Intellectuals. *American Historical Association's One-Hundred Eleventh Annual Meeting*. New York, N. Y.
- Marinucci, Kimberly.** (1997) Presidents, Professors, and the Politics of Academic Freedom: The Dismissal of Herbert Miller at Ohio State University. *Ohio Academy of History Conference*. Canton, Oh.
- Maschino, John** (1997) The Origins of Ethnic Studies. *California Studies Association Conference*. San Francisco State University, San Francisco, Ca.
- Osorio, Alejandra.** (1996) Magic, Sorcery and Witchcraft in Seventeenth-Century Lima: Female Cultural Forms of Social Control and Action. *1996 Berkshire Conference on the History of Women*. Chapel Hill, North Carolina.
- Osorio, Alejandra.** (1996) Hechicerías y curanderías como rituales en la cultura pública de la Lima del XVII. *Centro de documentación sobre la mujer*. Lima, Peru.

- Osorio, Alejandra.** (1996) Poder simbolico y cultura publica de Lima entre 1570 y 1700. *Instituto de Estudios Peruanos*. Lima, Peru.
- Osorio, Alejandra.** (1996) Hechicerias y curanderismo en la Lima del siglo XVII: Formas femeninas de control y accion social. / *Congreso, Mujer y Genero en la Historia del Peru*. Lima, Peru.
- Vihlen, Elizabeth.** (1997) Jammin' on the Champs-Elysees: Jazz, France, and the 1950s. *American Historical Association's One Hundred Eleventh Annual Meeting*. New York, N. Y.
- Williams, Derek.** (April 1997) Delimitando la civilizacion y la modernizacion: La presencia y poder del estado garciano en la sierra norte del Ecuador. *Taller de Estudios*. Quito, Ecuador.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Armus, Seth.** (1997) Assistant Professor. *St. Joseph's College*, Patchogue, N. Y.
- Comfort, Nathaniel.** (1997) Assistant Professor and Deputy Director. Center for History of Recent Science, *George Washington University*, Washington, D. C.
- Dawson, Alexander** (1997) Assistant Professor. Department of History, *Montana State University*, Bozeman, Montana.
- Franks, Julie.** (1997) Annenberg Visiting Assistant Professor. Department of History, *University of Pennsylvania*, Philadelphia, Pa.
- Glave, Dianne.** (1997) Assistant Professor. Department of American Cultures, *Loyola Marymount University*, Los Angeles, Ca.
- Parides, Peter.** (1997) Assistant Professor. *Cyprus-InterCollege University*, with a joint appointment in the Department of History and Political Science, *University of Indianapolis*, Indianapolis, Indiana.

IMMUNOLOGY AND PATHOLOGY

Graduate Director: James P. Quigley

Department Chair: Frederick Miller

GRANTS, FELLOWSHIPS, AND AWARDS

Dranovsky, Alex (1996, 1997) Research Fellowship, \$20,000. *Long Island Alzheimer Foundation*, Garden City, NY.

Dranovsky, Alex (1996), Glenn Foundation Scholar, \$5,500. *American Federation for Aging Research*, NYC, NY.

Dranovsky, Alex (1996) Travel Award, \$1,500. *5th International Conference on Alzheimer Disease and Related Disorders*, Osaka, Japan

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Alexander, Daniela, Aimes, R.T. and Quigley, J.P. (1996) What Structure and Function of Avian Plasminogen Activator and Matrix Metalloproteinase-2 Reveal About Their Counterpart Mammalian Enzymes, Their Regulation and Their Role in Tumor Invasion. *Enzyme & Protein* 49: 38-58.

Sipley, J.D., **Alexander, Daniela**, Testa, J.E. and Quigley, J.P. (in press) Introduction of an RRHR Motif into Chicken Urokinase-type Plasminogen Activator (ch-uPA) Confers Sensitivity to the Serpins PAI-1 and PAI-2 and Allows ch-uPA-mediated ECM Degradation to be Controlled by PAI-1. *Proc. Natl. Acad. Sci.*

Burns, Margaret, Sellati, T.J., Teng, E.I. and Furie, M.B. (1997) Production of IL-8 by Cultured Endothelial Cells in Response to *Borrelia burgdorferi* Occurs Independently of Secreted IL-1 and TNF α and is Required for Subsequent Transendothelial Migration of Neutrophils. *Infection and Immunity* 65: 1217-1220.

Kew, R.R., Peng, T., **DiMartino, Stephen**, Madhavan, D., Wemman, S.J., Cheng, D. and Prossnitz, E.R. (1997) Undifferentiated U937 Cells Transfected with Chemoattractant Receptors: A Model System to Investigate Chemotactic Mechanisms and Receptor Structure-Function Relationships. *J. of Leukocyte Biology*, G1: 329.

Martinez-Moczygemba, Margarita, Gutch, M.J., French, D.L. and Reich, N. (in press) Distinct STAT Structure Promotes Interaction of STAT2 with the p48 Subunit of the Interferon- α Stimulated Transcription Factor, ISGF3. *J. Biol. Chem.*

Peters, David and Benach, J.L. (in press) *Borrelia burgdorferi* Adherence and Injury to Undifferentiated and Differentiated Neural Cells *in vitro*. *J. of Infectious Diseases*.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS:

Burns, Margaret, Sellati, T.J., Teng, E.I. and Furie, M.B. (1997) Production of IL-8 by Cultured Endothelial Cells in Response to *Borrelia burgdorferi* Occurs Independently of Secreted IL-1 and TNF α and is Required for Subsequent Transendothelial Migration of Neutrophils. *Experimental Biology 97 Poster Presentation*. New Orleans, LA.

Burns, Margaret. (1997) Production of IL-8 by Cultured Endothelial Cells in Response to *Borrelia burgdorferi* Occurs Independently of Secreted IL-1 and TNF α and is Required for Subsequent Transendothelial Migration of Neutrophils. *Experimental Biology 97-American Society for Investigative Pathology-Graduate Student Highlights Slide Presentation*. New Orleans, LA.

Canger, Anthony, Leake, D., Asch, W.S., Glasgow, E. and Schechter, N. (1996) Expression of the Neurofilament Proteins Plasticin and Gefiltin in the Developing Zebra Fish Visual Pathway. *The Fourth Intermediate Filament Gordon Conference*. Holderness School, NH.

Canger, Anthony, Leake, D., Passini, M., Asch, W.S. and Schechter, N. (1996) Expression of the Neurofilament Proteins Plasticin and Gefiltin During Zebra Fish Embryogenesis. *Society for Neuroscience 26th Annual Meeting*. Washington, D.C.

Canger, Anthony, Passini, M., Leake, D., Asch, W.S. and Schechter, N. (1996) Expression of the Neurofilament Proteins Plasticin and Gefiltin During Zebra Fish Embryogenesis. *Biannual Meeting of Zebra Fish Development and Genetics*. Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y.

LINGUISTICS

Graduate Director: Frank Anshen
Department Chair: Ellen Broselow

GRANTS, FELLOWSHIPS AND AWARDS

Zhou, Xuan. (1997) Chinese Linguistic Institution tuition fellowship, \$1,575.00. *Linguistic Society of America*, Washington, D.C.
Citko, Barbara. (1997) Linguistic Society of America tuition fellowship, \$1,575.00. *Linguistic Society of America*, Washington, D.C.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Fonseca, Elizabeth. (1997) ESL Awareness for English Composition Instructors. *The Writing Programs Newsletter of the State University of New York at Stony Brook*.
Saravanan, Bhavani. (in press) Information content of morphological operations in Tamil. *Proceedings of the Chicago Linguistic Society, 33rd Annual Meeting*.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Basri, Hasan. (1997) Number marking in Selayarese. *Austronesian Formal Linguistic Association IV Meeting*. University of California at Los Angeles, Los Angeles, CA.
Basri, Hasan, Broselow, E., and Finer, D. (1997) Clitics and crisp edges in Makassarese. *Austronesian Formal Linguistic Association IV Meeting*. University of California at Los Angeles, Los Angeles, CA.
Bhandari, Rita. (1996) Anaphoric orientation in Hindi. *South Asian Linguistic Analysis XVIII Roundtable*. Jawaharlal Nehru University, New Delhi, India.
Bhandari, Rita. (1997) Alignment and nasal substitution strategies in Austronesian languages. *Austronesian Formal Linguistic Association IV Meeting*. University of California at Los Angeles. Los Angeles, CA.
Bhandari, Rita. (1997) Scrambling and chain formation. *CUNY Graduate Center Syntax Luncheon Series*. City University of New York Graduate Center, New York, NY.
Burton, Elizabeth. (1997) Domination of perlocutionary effect: discourse in Pinter's *The Homcoming*. *Languaging, The Ninth Annual Conference on Linguistics and Literature*. University of North Texas, Denton TX.
Citko, Barbara. (1997) On multiple WH movement in Slavic. *30th Poznan Linguistic Meeting: Reductionist Approaches to Minimalist Syntax*. Adam Hickiewicz University, Poznan, Poland.
Citko, Barbara. (1997) A minimalist account of multiple WH movement in Slavic. *6th Formal Approaches to Slavic Linguistics Workshop*. University of Connecticut, Storrs, CT.
Fonseca, Elizabeth. (1997) Issues for ESL students in composition classrooms. *State University of New York Council on Writing*. Suffolk Community College, Selden, NY.
Kappus, Martin. (1997) Indefinites and negation in German. *Germanic Linguistics: The Third Annual Conference*. The University of California, Los Angeles, Los Angeles, CA.
Saravanan, Bhavani. (1997) Information content of morphological operation in Tamil. *33rd Meeting Chicago Linguistic Society*. University of Chicago, Chicago, IL.

MANAGEMENT AND POLICY

Graduate Director: Thomas Gjerde

Director of the Harriman School: Thomas Sexton

INTERNSHIP APPOINTMENTS

Bajda, Krzysztof. (1996-97) Intern. *Resco, Inc.*, Rzeszow, Poland.

de Onis, Luis. (1996-97) Intern. *SUNY Stony Brook Faculty Student Association*, Stony Brook, New York.

Foley, Jamie. (1996-97) Intern. *Northport Veterans Administration Medical Center*, Northport, New York.

Huang, Cheng Helen. (1996-97) Intern. *American Express Travel Related Services*, New York, New York.

Huang, Chunpao June. (1996-97) Intern. *New York State Small Business Development Center*, Stony Brook, New York.

Lao, Jian Min. (1996-97) Intern. *Direct Marketing Association, Inc.*

Li, Yi. (1996-97) Intern. *Allied Business Intelligence.*

Ma, Jiqin. (1996-97) Intern. *Cheyenne Software, Inc.*, Roslyn, New York.

Petchell, Dawn. (1996-97) Intern. *SUNY Stony Brook Center for Health Policy and Management*, Stony Brook, NY.

Robles, Ruben. (1996-97) Intern. *SUNY Stony Brook Division of Campus Residences*, Stony Brook, NY

Schillings, Marcus. (1996-97) Intern. *Community Coffee Company, Inc.*, Baton Rouge, Louisiana.

Sircar, Amit. (1996-97) Intern. *New York State Small Development Center*, Stony Brook, New York.

Sun, Xia. (1996-97) Intern. *SUNY Stony Brook Health Sciences Center Library*, Stony Brook, New York.

MARINE SCIENCES

Graduate Director: Henry Bokuniewicz

GRANTS, FELLOWSHIPS, AND AWARDS

- Pantoja, Silvio.** (1997) Postdoctoral Scholar Award. *Woods Hole Oceanographic Institution.*
Pantoja, Silvio. (1997) Student Travel Award. *American Society of Limnology and Oceanography.*

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Feng, Huan,** Cochran, J. K., Hirschberg, D. J., Wilson, R. E. (in press) Small-scale Spatial Variations of Contaminant Distributions in the Hudson River Estuary Sediments. *Estuaries.*
- Hirschberg, D. J., Chin, P., **Feng, H.**, Cochran, J. R. (1996) Dynamics of Sediment and Contaminant Transport in the Hudson River Estuary: Evidence from Sediment Distributions of Naturally Occurring Radionuclides. *Estuaries* 19: 175-193
- Feng, Huan,** Cochran, J. K., Hirschberg, D. J., Lwiza, K., Brownawell, B. J. (1996) Transport and Fate of Sediment-Associated Contaminants in the Hudson River Estuary. *EOS Transactions, AGU, 76(3)*, OS 178.
- Taylor, Gordon, T., **Gulnick, J. D.** (1996) Enhancement of Marine Bacterial Growth by Mineral Surfaces. *Can. J. Microbiology.*
- Wang, Wen-Xiong, **Griscom, S. B.**, Fisher, N. S. (1997) Bioavailability of Cr (III) and CR (VI) to Marine Mussels from Solute and Particulate Pathways. *Environmental Science and Technology* 31: 603-611.
- Lamoureux, Elizabeth M.**, Brownawell, B. J., Bothner, M.H. (1996) Linear Alkylbenzenes as Tracers of Sewage-Sludge-Derived Inputs of Organic Matter, PCBs and PAHs to Sediments at the 106-Mile Deep Water Disposal Site. *J. Marine Env. Eng* 2: 325-342.
- Lamoureux, Elizabeth,** M., Brownawell, B. J. (1996) Comparison of the Relative Desorption and Bioavailability of Polychlorinated Biphenyls, Polynuclear Aromatic Hydrocarbons, and Linear Alkylbenzenes from Hudson River Sediments. Section III: 34pp in: J. R. Waldman, W. C. Nieder, E. A. Blair (eds.), *Final Reports of the Tibor T. Fellowship Program Hudson River Foundation*, New York.
- Pantoja, Silvio,** Lee, C, Maracek, J. F. (in press) Hydrolysis of peptides in Seawater and Sediment. *Marine Chemistry.*
- Aller, J. Y., **Todorov, J.** (1996) Seasonal and Spatial Patterns of Deeply Buried Colanoid Copepods on the Amazon Shelf: Evidence for Periodic Erosional/Depositional Cycles. *Estuarine, Coastal and Shelf Science* 44: 57-66.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Dunn, Shannon M.** (1997) Horizontal and Vertical Transport of Solutes in the Bioturbated Zone of Long Island Sound. Abstracts with Program, *Geology of Long Island and Metropolitan New York.*
- Dunn, Shannon M.**, Aller, R. C. (1996) Horizontal and Vertical Transport of Solutes in the Bioturbated Zone of Marine Sediments. Geological Society of American 1996 Annual Meeting. *Geological Society of America Program Abstracts:* 470.
- Feng, Huan,** Cochran, J. K., Hirschberg, D., J., Chin, P. A. (1997) Evidence of Urban Source Metal Contaminants to New York Harbor. *The Third International Ocean Pollution Symposium.* Ft. Pierce, Florida.
- Feng, Huan.** (1996) Natural Radionuclides as Tracers for the Behavior, Transport, and Fate of Particle-associated Contaminants in the Hudson River Estuary. *DISCO XIII (Dissertations Symposium on Chemical Oceanography).* Honolulu, Hawaii. *DISCO XIII Abstracts,* 34-36.
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- Lee, Cindy, **Pantoja, S.** (1996) Organic Chemical Reaction Rates in the Ocean: Molecular Approaches to Studying Extracellular Biochemical Processes. 14th International Symposium Chemistry of the Mediterranean: *Chemical Speciation in the Marine Environment*. Primosten, Croatia.
- Pantoja, Silvio**, Lee, C. (1997) Poster: Amino Acid Production From Extracellular Hydrolysis of Peptides in Seawater and Sediments. *Aquatic Sciences Meeting*. Santa Fe.
- Pantoja, Silvio**. (1997) Decomposition of Organic Nitrogen in the Marine Environment. Department of Chemistry and Geochemistry, *Woods Hole Oceanographic Institution*.

MATERIALS SCIENCE & ENGINEERING

Graduate Director: Miriam Rafailovich
 Department Chair: Michael Dudley

GRANTS, FELLOWSHIPS, AND AWARDS

Jiang, Xiangyang (1996) Friendship Scholarship. *Sino-British Friendship Scholarship Scheme (SBFSS)* Department of Materials Science and Metallurgy, University of Cambridge, U.K.

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- Chen, Yue** (in press) Synchrotron White Beam X-ray Topography Investigation of Influence of Annealing on CdZnTe Substrate. *National Synchrotron Light Source Activity Report 1997*. Upton, New York: Brookhaven National Laboratory Associated Universities, Inc.
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- Nguyen, D., Clarke, C., Eisenberg, A., Kim, J., **White, H.**, Rafailovich, M., Sokolov, J. (1997) A Neutron Reflection Study of Adsorbed Polyelectrolyte Random Copolymers in Mixed Solvents. *American Physical Society*. Kansas City, Missouri.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Taube, Michelle.** (1997) Forbes Fellowship. Department of Conservation and Scientific Research, *Freer Gallery of Art, Smithsonian Institution*, Washington, DC.

MATHEMATICS

Graduate Director: Leon Takhtajan

Department Chair: H. Blaine Lawson, Jr.

GRANTS, FELLOWSHIPS, AND AWARDS

- Anjos, Silvia** (1996/97) PRAXIS XXI Fellowship, \$21,600 + tuition. *Junta Nacional de Investigacao Cientifica E Tecnologica*, Lisbon, Portugal.
- Coffey, Joseph** (1997) IAS/Park City Mathematics Institute Grant. *National Science Foundation*, Arlington, Virginia.
- del-Rio, Heberto** (1996/97) Study Abroad Scholarship, \$11,500 + tuition. *Universidad Nacional Autonoma de Mexico*, Mexico.
- Florentino, Carlos** (1997) FLAD Fellowship, \$15,000 + tuition. *Fundacao Luso-Americana Para O Desenvolvemento*, Lisbon, Portugal.
- Friedman, Paul** (1997) Travel Award, \$150. *American Mathematical Society*, Providence, R.I.
- Friedman, Paul** (1997) Travel Grant. *University of Copenhagen "Analysis on Lie groups and homogeneous spaces" Conference*, Copenhagen, Denmark.
- Godinho, Leonor** (1996/97) PRAXIS XXI Fellowship, \$21,600 + tuition. *Junta Nacional de Investigacao Cientifica E Tecnologica*, Lisbon, Portugal.
- Herrera-Guzman, Haydee** (1996/97) Study Abroad Scholarship, \$11,500 + tuition. *Universidad Nacional Autonoma de Mexico*, Mexico.
- Herrera-Guzman, Haydee** (1997) Study Abroad Scholarship, \$2400. *Consejo de Ciencia y Tecnologia*, Mexico.
- Hinkle, Benjamin** (1997) Research in Dynamical Systems Travel Award, \$721. *National Science Foundation*, Arlington, Virginia.
- Hinojosa-Palafox** (1996/97) Direccion Adjuta de Investigacion Cientifica Scholarship, \$20,800. *CONACyT*, Mexico.
- Kiwi, Jan** (1996/97) President of the Republic Fellowship, \$10,000 + tuition. *AGCI*, Santiago, Chile.
- Klarreich, Erica** (1996) Research in Dynamical Systems Travel Award, \$462. *National Science Foundation*, Arlington, Virginia.
- Klarreich, Erica** (1997) Research in Dynamical Systems Travel Award, \$646. *National Science Foundation*, Arlington, Virginia.
- Mande, Jose** (1996/97) Venezuelan Fellowship, \$16,000 + tuition. *Simon Bolivar University*, Caracas, Venezuela.
- Santos, Pedro** (1996/97) PRAXIS XXI Fellowship, \$21,600. *Junta Nacional de Investigacao Cientifica E Tecnologica*, Lisbon, Portugal.
- Schaefer, Joseph**. (1996) A. Sloan Dissertation Fellowship. Alfred P. *Sloan Foundation*, New York, N.Y.
- Sebbar, Abdellah** (1996/97) Fulbright Fellowship, \$17,000. *Fulbright Fellowship Program*, AMIDEAST, Washington, D.C.
- Slimowitz, Jennifer** (1997) IAS/Park City Mathematics Institute Grant. *National Science Foundation*, Arlington, Virginia.
- Slimowitz, Jennifer** (1997) Mentoring Program for Women in Mathematics Grant. *Institute for Advanced Study*, Princeton, New Jersey.
- Stelling, Luisa** (1997) IAS/Park City Mathematics Institute Grant. *National Science Foundation*, Arlington, Virginia.
- Yampolsky, Michael** (1996) Research in Dynamical Systems Travel Award, \$109. *National Science Foundation*, Arlington, Virginia.
- Yampolsky, Michael** (1997) Research in Dynamical Systems Travel Award, \$1027. *National Science Foundation*, Arlington, Virginia.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Petean, Jimmy**. (in press) Indefinite Kähler-Einstein metrics on Compact Complex Surfaces. *Communications in Mathematical Physics*.
- Schaefer, Joseph** (in press) Covariant Path Integrals on Hyperbolic Surfaces. *Journal of Mathematical Physics*.

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- Lyubich, M., and **Yampolsky, M.** (in press) Dynamics of quadratic polynomials: Complex bounds for real maps. *Ann. Inst. Fourier*.

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Klarreich, Erica (1996) Semiconjugacies between Kleinian group actions on the Riemann Sphere. *Regional Meeting of the American Mathematical Society*, Chattanooga, Tennessee.

Toennesen, Christina (1997) The Yamabe Problem & Kähler Metrics. *Odense Geometry Workshop*, Odense University, Denmark.

Yampolsky, Michael (1997) Intertwining Surgery and the Geography of the Cubic Connectedness Locus. *American Mathematical Society Sectional Meeting*, Memphis, Tennessee.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

Klarreich, Erica (1997) Assistant Professor. Mathematics Department, *University of Michigan*, Ann Arbor, Michigan

Maschler, Gideon (1997) Postdoctorate. Mathematics Department, Landau Institute, *Hebrew University*, Jerusalem, Israel.

Schaefer, Joseph (1997) Postdoctorate. *Mathematical Sciences Research Institute*, Berkeley, California.

Sebbar, Abdellah (1997) Postdoctorate. *Centre de Recherche Mathematiques*, Montreal, Canada.

Toennesen, Christina (1997) Visiting Research Assistant Professor. Mathematics Department, *Aarhus University*, Aarhus, Denmark.

Yampolsky, Michael (1997) Gibbs Instructorship. Mathematics Department, *Yale University*, New Haven, Connecticut.

MECHANICAL ENGINEERING

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JOINTLY AUTHORED PUBLICATIONS

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- Du, M.L.** and Chiang, F.P. (1997) A Study of Corrosion Fatigue of Aluminum Alloy. *Northeast graduate student symposium on mechanics*. Kingston, Rhode Island.
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- Zhang, H.,** Prasad, V., **Zou, Y.F.** and **Sahoo, R.K.** (1996) A Coupled Thermo-Hydrodynamic and Stress Model for High Pressure LEC Growth of InP Crystals. *Tenth American Conference on Crystal Growth*. Vail, CO.
- Chung, H., Si, W., Dudley, M., Anselmo, A., Bliss, D.F., **Zhang, H.,** Prasad, V. and **Zou, Y.F.** (1996) Characterization in Structural Defects in MLEK Growth InP Single Crystals Using Synchrotron White Beam X-Ray Topography. *Tenth American Conference on Crystal Growth*. Vail, CO.
- Prasad, V., **Zhang, H., Zou, Y.F., Mukherjee, D.K.,** and Koziol, J., Simulation of Czochralski Crystal Growth Processes. *NSF Design and Manufacturing Grantees Conference*. Albuquerque, N.M.
- Zhang, T.,** Ladeinde, F., Zhang, H., Prasad, V.. (1996) A Comparison of Turbulence Models for Natural Convection in Enclosures: Applications to Crystal Growth Processes. *National Heat Transfer Conference*. Houston, TX.
- Zheng, T.** and Chiang, F.P.. (1997) Study of residual stresses in rails with moire interferometer and Tywan-Green interferometer. *Northeast graduate student symposium on mechanics*. Kingston, Rhode Island.

PROFESSIONAL APPOINTMENT

Zou, Y.F. *Hibbitt, Karlsson & Sorensen, Inc.*, Pawtucket, RI

MOLECULAR AND CELLULAR PHARMACOLOGY

Graduate Director: Daniel Bogenhagen

Department Chair: Arthur P. Grollman

GRANTS, FELLOWSHIPS AND AWARDS

Hammond, Scott M. (1997-1998) Research Fellowship, \$25,000. *Pharmaceutical Research Manufacturer's Association*

Perez-Jannotti, Romina (1996 - 2000) W. Burghardt Turner Fellow. *SUNY Stony Brook*.

Rogove, Andrew (1996) Research Scholarship for Research in the Biology of Aging, \$5,500. *Glenn Foundation/American Federation for Aging*.

Rose, Kristine (1995 -1997) Predoctoral Fellow, \$25,000. *Hoffman-LaRoche*.

Wreden, Christopher (1996) Travel Award, \$100. *Sigma Xi*.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Antoshechkin, Igor, Bogenhagen, D.F., and Mastrangelo, I.A. (in press) The HMG-box Mitochondrial Transcription Factor xl-mtTFA Binds DNA as a Tetramer to Activate Bidirectional Transcription. *EMBO J*.

McGrath, W.J., Abola, Pia A., Toledo, D.L., **Brown, Mark T.**, and Mangel, W.F. (1996). Characterization of human adenovirus proteinase activity in disrupted virus particles. *Virology* 217: 131-138.

Mangel, W.F. Toledo, D.L., **Brown, Mark T.**, Martin, J.H., and McGrath, W. J. (1996) Characterization of human adenovirus proteinase activity *in vitro*: Purification of components. *J. Biol. Chem.* 247: 536-543.

Gelman, Marina S., and Prives, J.M. (1996). Arrest of subunit folding and assembly of nicotinic acetylcholine receptors in cultured muscle cells by dithiothreitol. *J. Biol. Chem.* 271: 10709-10715.

Chang, W., **Gelman, Marina S.**, and Prives, J.M. (in press). Calnexin-dependent enhancement of nicotinic acetylcholine receptor assembly and surface expression. *J. Biol. Chem.*

Shi, G., Nakahira, K., **Hammond, Scott**, Schechter, L.E., Rhodes, K.J. and Trimmer, J. S. (1996). Kv2 b-Subunits Promote K⁺ Channel Surface Expression Through Effects Early in Biosynthesis. *Neuron* 16: 843-852.

Hammond, Scott, Jenco, J. M., Nakashima, S., Cadwallader, K., Gu, Q-M., Cook, S., Nozawa, Y., Prestwich, G.D., Frohman, M. A., and Morris, A.J. (1997). Characterization of Two Alternately Spliced Forms of Phospholipase D1. *J. Biol. Chem.* 272: 3860-3868.

Colley, W.C., Sung, T.-C., Roll, R., Jenco, J., **Hammond, Scott M.**, Altshuler, Y., Bar-Sagi, D., Morris, A.J., and Frohman, M. A. (1997). Phospholipase D2, a distinct phospholipase D isoform with novel regulatory properties that provokes cytoskeletal reorganization. *Current Biol.* 7 : 191-201.

Runnels, L.W., **Jenco, John**, Morris, A., and Scarlata, S. (1996). Membrane Binding of Phospholipases C-b₁ and C-b₂ Is Independent of Phosphatidylinositol 4,5-Bisphosphate and the α and β Subunits of G Proteins. *Biochemistry* 35: 16824-16832.

Colley, W.C., Sung, Tsung-Chang, Roll, R., **Jenco, John**, Hammond, S.M., Altshuler, Y., Bar-Sagi, D., Morris, A.J., and Frohman, M. A. (1997). Phospholipase D2, a distinct phospholipase D isoform with novel regulatory properties that provokes cytoskeletal reorganization. *Current Biol.* 7 : 191-201.

Hammond, Scott, **Jenco, John M.**, M., Nakashima, S., Cadwallader, K., Gu, Q-M., Cook, S., Nozawa, Y., Prestwich, G.D., Frohman, M. A., and Morris, A.J. (1997). Characterization of Two Alternately Spliced Forms of Phospholipase D1. *J. Biol. Chem.* 272: 3860-3868.

Kanes, Stephen, Dains, K., Cipp., L., Gatley, J. Hitzemann, B., and Hitzemann, R. (1996). Mapping the genes for haloperidol-induced catalepsy. *J. Pharm. Exp. Ther.* 277: 1016-1025.

Lieberfarb, Marshal E., Chu, T., Wreden, C., Theurkauf, W., Gergen, J.P., and Strickland, S. (1996). Mutations that perturb poly(A)-dependent maternal mRNA activation block the initiation of development. *Development* 122: 579-588.

Wreden, Christopher, Verrotti, A.C., Schisa, J.A., **Lieberfarb, Marshal E.**, and Strickland, S. (in press) *Nanos* and *pumilio* establish embryonic polarity in *Drosophila* by promoting posterior deadenylation of *hunchback* mRNA. *Development*.

Pendergrast, P. S., **Morrison, Debra**, Tansey, W. P., and Hernandez, N. (1996). Mutations in the Carboxy-Terminal Domain of TBP Affect the Synthesis of Human Immunodeficiency Virus Type I Full-length and Short Transcripts Similarly. *J. Virol.* 70: 5028-5034.

McConnell, M., Miller, H., Mozzherin, D.J., **Quamina, Aaron**, Tan, C.K., Downey, K.M., Fisher, P.A. (1996). The Mammalian DNA Polymerase Delta-Proliferating Cell Nuclear Antigen-Template-Primer Complex-Molecular Characterization by Direct Binding. *Biochemistry* 35: 8268-8274.

Tsirka, S.E., **Rogove, Andrew D.**, and Strickland, S. (1996). Tissue Plasminogen Activator and Neuronal Cell Death. *Nature*

384: 123-124.

- Tsirka, S. E., **Rogove, Andrew D.**, Bugge, T. H., Degen, J. L. and Strickland, S. (1997). An extracellular proteolytic cascade promotes neuronal degeneration in the mouse hippocampus. *J. Neurosci.* 17: 543-522.
- Strickland, S., Gualandris, A., **Rogove, Andrew D.**, Bugge, T.H., Degen, J.L., Wang, Y.F., Lipton, S.A., and Tsirka, S.E. (in press) Extracellular proteases in neuronal function and degeneration. *The 61st Cold Spring Harbor Laboratory Quantitative Symposia: Function and Dysfunction in the Nervous System*. Cold Spring Harbor Press.
- Moll, U.M. and **Schramm, Laura M.** (in press). p53 Apparadigm in Tumorigenesis. *Crit. Rev. Oral Biol. Med.*
- Colley, W.C., **Sung, Tsung-Chang**, Roll, R., Jenco, J., Hammond, S.M., Altshuler, Y., Bar-Sagi, D., Morris, A.J., and Frohman, M. A. (1997). Phospholipase D2, a distinct phospholipase D isoform with novel regulatory properties that provokes cytoskeletal reorganization. *Current Biol.* 7 : 191-201.
- Sung, Tsung-Chang**, Roper, R.L., Zhang, Y., Rudge, S. A., Temel, R., Hammond, S.A., Morris, A.J., Moss, B., Engebrecht, J. and Frohman, M.A. (in press). Mutagenesis of Phospholipase D defines a superfamily including a trans-Golgi viral protein required for poxvirus pathogenicity. *EMBO J.*
- West, Morris F.**, Verrotti, A.C., Salles, F.J., Tsirka, S. and Strickland, S. (1996). Isolation and characterization of two novel, cytoplasmically polyadenylated, oocyte-specific, mouse maternal mRNAs. *Dev. Biol.* 175: 132-141.
- Winkfield, Blonka**, Runko, E., Ostermeyer, A., and Moll, U.M. (1996). Cytoplasmic Sequestration of Wild Type p53 Protein Impairs the G₁ after DNA Damage. *Mol. Cell. Biol.* 16: 1126-1137.
- Ostermeyer, A., Runko, E., **Winkfield, Blonka**, Ahn, B., and Moll, U.M. (1996). Cytoplasmically sequestered wild-type p53 protein in neuroblastoma is relocated to the nucleus by a C-terminal peptide. *Proc. Natl. Acad. Sci. USA* 93: 15190-15194.
- Wreden, Christopher**, Verrotti, A.C., Schisa, J.A., Lieberfarb, M.E., and Strickland, S. (in press). *Nanos* and *pumilio* establish embryonic polarity in *Drosophila* by promoting posterior deadenylation of *hunchback* mRNA. *Development*.
- Lieberfarb, M.E., Chu, T., **Wreden, Christopher**, Theurkauf, W., Gergen, J.P., and Strickland, S. (1996). Mutations that perturb poly (A)-dependent maternal mRNA activation block the initiation of development. *Development* 122: 579-588.
- Verrotti, A.C., Thompson, S.R., **Wreden, Christopher**, Strickland, S., and Wickens, M. (1996). Evolutionary conservation of sequence elements controlling cytoplasmic polyadenylation. *Proc. Natl. Acad. Sci. USA* 93: 9027-9032.
- Carrodeguas, J.A., **Yun, Suyong**, Shadel, G.S., and Bogenhagen, D.F. (in press) Rapid evolution of yeast mtTFB sequences with functional conservation. *Gene Expression*.
- Zharkov, Dmitry O.**, Rieger, R.A., Iden, C.R., and Grollman, A.P. (1997). NH₂-terminal Proline Acts as a Nucleophile in the Glycosylase/AP-Lyase Reaction Catalyzed by *Escherichia coli* Formamidopyrimidine-DNA Glycosylase (Fpg) Protein. *J. Biol. Chem.* 272: 5335-5341.
- Rosenquist, T., **Zharkov, Dmitry O.**, and Grollman, A.P. (in press) Cloning and Characterization of a Mammalian 8-oxoguanine DNA-glycosylase. *Proc. Natl. Acad. Sci. USA*.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Strickland, S., **Chen, Bin**, Chu, T. Harms, E., Lieberfarb, M.E., Schisa, J., Verrotti, A.C., and Wreden, C. (1996). Transnational regulation in *Drosophila* embryo genesis. *Transnational Control*. Cold Spring Harbor, NY.
- Chang, W., **Gelman, Marina S.**, and Prives, J.M. (1996). Calnexin-dependent enhancement of nicotinic acetylcholine receptor assembly and surface expression. *The 36th American Society for Cell Biology Annual Meeting*. San Francisco, CA.
- Strickland, S., Chen, B., Chu, T. Harms, E., **Lieberfarb, Marshal E.**, Schisa, J., Verrotti, A.C., and Wreden, C. (1996). Transnational regulation in *Drosophila* embryo genesis. *Transnational Control*. Cold Spring Harbor, NY.
- Liang, X.F., Arvanov, V.L., **Roberts, Roy**, Zhang, J. Y., and Wang, R.Y. (1996) Signal Transducing Mechanisms in the Modulation of MNDA-Induced Inward Current by the 5HT_{2A/2C} Receptor Agonist DOB in Rat Cortical Cells. *The 1996 Annual Meeting for the Society for Neuroscience*. Washington, DC.
- Rogove, Andrew** (1996) Tissue plasminogen activator mediates microglial activation via a protease-independent mechanism. *The 1996 Annual Meeting for the Society for Neuroscience*. Washington, DC.
- Strickland, S., Chen, B., Chu, T. Harms, E., Lieberfarb, M.E., Schisa, J., Verrotti, A.C., and **Wreden, Christopher**. (1996). Transnational regulation in *Drosophila* embryo genesis. *Transnational Control*. Cold Spring Harbor, NY.

POST-DOCTORAL POSITIONS OBTAINED

- Antoshechkin, Igor** (Ph.D. 1997) Post-doctoral Fellow. *University of Colorado*, Boulder, Colorado.
- Gelman, Marina S.** (Ph.D. 1997) Post-doctoral Fellow. *Stanford University*, Stanford, California.
- Rose, Kristine** (Ph.D. 1996) Post-doctoral Fellow. *Novartis Pharmaceuticals*, New Jersey.
- Rosoff, William** (Ph.D. 1996) Post-doctoral Fellow. *SUNY Health Sciences Center at Syracuse*, Syracuse, NY.

MOLECULAR BIOLOGY AND BIOCHEMISTRY

Graduate Director: James P. Quigley

Department Chair: William J. Lennarz

GRANTS, FELLOWSHIPS, AND AWARDS:

Andrulis, Erik, (1997) Travel Fellowship, \$1,000. *American Society for Biochemistry and Molecular Biology*, Bethesda, MD.
Leake, Devin (1997) President's Award for Excellence in Teaching by a Graduate Student. *SUNY, Stony Brook*, Stony Brook, NY.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Joneson, Thomas**, White, M.A., Wigler, M.H. and Bar-Sagi, D. (1996) Stimulation of Membrane Ruffling and Map Kinase Activation by Distinct Effectors of Ras. *Science* 271: 810-812.
- VanAelst, L., **Joneson, Thomas** and Bar-Sagi, D. (1996) Identification of a RAC1 Interacting Protein Involved in Membrane Ruffling. *EMBO J.* 15: 3778-3786.
- Joneson, Thomas**, McDonough, M., Bar-Sagi, D. and Van Aelst, L. (1996) RAC GTPase Regulates Actin Polymerization and Cell Growth Control Independently of the JNK Map Kinases Pathway. *Science* 274: 1374-1376.
- Joneson, Thomas** and Bar-Sagi, D. (in press) Effectors and Their Role in Mitogenesis and Oncogenesis. Invited Review, *J. of Molecular Medicine*.
- Deutsch, D.G., **Omeir, Romelda**, Arreaza, G., Salehani, D., Prestwich, G.D., Huang, Z. and Howlett, A. (1997) Methyl Arachidonoyl Fluorophosphonate: A Potent Irreversible Inhibitor of Anandamide Amidase. *Biochem. Pharmacology* 53 (3): 255-260.
- Makriyannis, A., Hill, W.A.G., Lin, S., Morse, K.L., Salehani, D., Arreaza, G., **Omeir, Romelda** and Deutsch, D.G. (1997) Fatty Acid Sulfonyl Fluorides Inhibit Anandamide Metabolism and Bind to the Cannabinoid. *Biochem. And Biophys. Res. Commun.* 231 (1): 217-221.
- Jesty, J., Lorenz, A., **Rodriguez, Jose** and Wun, T-C. (1996) Initiation of the Tissue Factor Pathway of Coagulation in the Presence of Heparin: Control by Antithrombin III and Tissue Factor Pathway Inhibitor. *Blood* 87: 2301-2307.
- Burns, M.J., Sellati, T.J., **Teng, Edna** and Furie, M.B. (1997) Production of IL-8 by Cultured Endothelial Cells in Response to *Borrelia burgdorferi* Occurs Independently of Secreted IL-1 and TNF α and is Required for Subsequent Transendothelial Migration of Neutrophils. *Infection and Immunity* 65: 1217-1222.
- Dezube, B.J., Ahlers, C.M., Lawrence, J.P., **Teng, Edna**, Silberman, S.L., Pardee, A.B. and Finberg, R.W. (1997) Tenidap Inhibits Replication of the Human Immunodeficiency Virus-1 in Cultured Cells. *J. Acquir. Immune. Defic. Syndr. Hum. Retroviro.* 14: 13-17.
- Peerschke, E.I., Smyth, S.S., **Teng, Edna**, Dalzell, M. and Ghebrehiwet, B. (1996) Human Umbilical Vein Endothelial Cells Possess Binding Sites for the Globular Domain of Clq. *J. Immunol.* 157: 4154-4158.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Andrulis, Erik** and Sternglanz, R. (1996) Identification and Characterization of a Yeast Mutant Synthetically Lethal with Mutations in the N-termini of Histones H4 and H3. *Gordon Research Conference: Nuclear Proteins, Chromatin Structure, and Gene Regulation*. Tilton Academy, Tilton MA. *Mid-Atlantic Yeast Meeting*. University of Maryland, Baltimore, MD.
- Malenbaum, Susan**, Cui, C., Collier, R.J. and London, E. (1996) The Structure of the Translocation Domain of Diphtheria Toxin. *36th American Society for Cell Biology Annual Meeting*. San Francisco, CA.
- Wang, Y., **Malenbaum, Susan**, Cui, C., Collier, R.J. and London, E. (1997) Studies of the Structure of Membrane-Inserted Diphtheria Toxin Using Fluorescence Quenching of Trp Mutants. *41st Annual Meeting of the Biophysical Society*. New Orleans, LA.
- Burns, M.J., Sellati, T.J., **Teng, Edna** and Furie, M.F. (1997) Production of IL-8 by Cultured Endothelial Cells in Response to *Borrelia burgdorferi* Occurs Independently of Secreted IL-1 and TNF α and is Required for Subsequent Transendothelial Migration of Neutrophils. *Experimental Biology 97 Poster Presentation*. New Orleans, LA.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS:

Melkonian, Karin. (1997) Postdoc. Department of Biology, *The Johns Hopkins University*, Baltimore, MD.

MOLECULAR MICROBIOLOGY

Program Director: Patrick Hearing
 Department Chair: Eckard Wimmer

GRANTS, FELLOWSHIPS, AND AWARDS

- Lara-Tejero, Maria** (1996) "la Caixa" Fellowship, \$16,120 per year for 2 years. *"la Caixa" Fellowship Program*, Barcelona, Spain.
- Lara-Tejero, Maria** (1996) National Prize in Veterinary Medicine, \$2,900. *Education Ministry of Spain*, Madrid, Spain.
- LaMontagne Jr., Kenneth R.** (1996) Glaxo Wellcome Oncology Clinical Research Scholar Award. *American Association for Cancer Research*, Washington, D.C.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Collazo, Carmen** and Galán, J.E. (1996) Requirement of exported proteins for secretion through the type III system of *Salmonella typhimurium*. *Infect. Immunity* 64: 3524-3531.
- Collazo, Carmen** and Galán, J.E. (in press) Contact dependent protein secretion and Salmonella interaction with host cells. *Gene*.
- Collazo, Carmen** and Galán, J.E. (in press) The invasion-associated type III system of *Salmonella typhimurium* directs the translocation of Sip proteins into the host cell. *Mol. Microbiology*.
- lafrate, A. John**, Bronson, S., and Skowronski, J. (1997) Separable functions of Nef disrupt two aspects of T-cell receptor machinery: CD4 downregulation and CD3 signaling. *EMBO J.* 16: 673-684.
- Park, C.Y., **LaMontagne, Kenneth R.**, Tonks, N.K., and Hayman, M. (1996) Cloning and expression of the chicken protein tyrosine phosphatase SH-PTP2. *Gene*, 177: 93-97.
- Lee, Benjamin H.** and Mathews, M.B. (in press) Transcriptional coactivator CREB-binding protein mediates induction of the human proliferating cell nuclear antigen promoter by the adenovirus E1A oncoprotein. *Proceedings of the National Academy of Sciences USA*.
- Gromeier, M., Lu, H.-H., **Mueller, Steffen**, Alexander, L., and Wimmer, E. (1997) Attenuated Poliovirus as Live Vector. *New Generation Vaccines*. M. Levine et al., eds. New York: Marcel Dekker.
- Yang, Y.C., **Selvakumar, Meenaksi**, and Helfman, D. (in press) Alternative pre-mRNA splicing. *Eukaryotic mRNA Processing*. A. Krainer, ed. IRL Press.
- Zou, Lee**, Mitchell, J., and Stillman, B. (1997) CDC45, a novel yeast gene that functions with the origin recognition complex and Mcm proteins in initiation of DNA replication. *Mol. Cell Biology*, 17: 553-563.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Verlinden, Y., Rombaut, B., **Cuconati, Andrea**, Wimmer, E. and Boeyé. (1996) Poliovirus Morphogenesis in a Cell-Free System. *EUROPIC '96*.
- Rombaut, B., Verlinden, Y., **Cuconati, Andrea**, Wimmer, E., and Boeyé. (1996) Poliovirus Morphogenesis in a Cell-Free System. *Xth International Congress of Virology*. Jerusalem, Israel.
- Wimmer, E., Cao, X., Duggal, R., **Cuconati, Andrea**, Gromeier, A., and Paul, A. (1996) Genetics of Poliovirus. *Workshop on RNA Viral Quasispecies*, Instituto Juan March De Estudios E. Investigaciones, Madrid, Spain.
- Duggal, R., **Cuconati, Andrea**, Gromeier, M., and Wimmer, E. (1997) Genetic Recombination of Poliovirus in a Cell-free Translation/Replication System of Uninfected HeLa Cells. *1997 Keystone Symposia*. Taos, New Mexico.
- Cuconati, Andrea** and Wimmer, E. (1997) A Protein Linkage Map of the P2 Nonstructural Proteins of Poliovirus. *1997 Keystone Symposia*. Taos, New Mexico.
- Wimmer, E., Paul, A., Duggal, R., Xiang, W., **Cuconati, Andrea**, and **Li, Xiaoyu**. Mechanism of Initiation of Poliovirus Genome Replication and Genetic Recombination During *De Novo* Synthesis of Poliovirus in a Cell-Free Extract. *Frontiers of RNA Virus Research: The Oji International Seminar*. Kyoto, Japan.
- LaMontagne, Kenneth R.** and Tonks, N.K. (1996) Enhanced expression of PTP1B in Cells Transformed by p210 bcr-abl. *Cancer Genetics and Tumor Suppressor Genes*, Cold Spring Harbor Laboratory. Cold Spring Harbor, New York.
- LaMontagne, Kenneth R.** and Tonks, N.K. (1996) PTP1B and p210 bcr-abl in Chronic Myelogenous Leukemia. *87th Annual Meeting of the American Association for Cancer Research*. Washington, DC.

- Paul, A., Xiang, W., Cao, X., Pfister, T., **Li, Xiaoyu, Cuconati, Andrea**, Duggal, R., and Wimmer, E. (1996) RNA/Protein Interactions Essential in the Replication of the Poliovirus Genome. *IRBM Workshop on Molecular Mechanisms of RNA Replication*. Sardinia, Italy.
- Li, Xiaoyu**, Lu, H.-H., **Mueller, Steffen**, and Wimmer, E. (1996) Functional Studies of Poliovirus 2A^{pro} C-Terminal Domain. *American Society for Virology Meeting*. London, Ontario, Canada.
- Lee, Benjamin H.** and Mathews, M.B. (1996) E1A 243R transactivates the human PCNA promoter via CBP and CREB. *Cancer Genetics and Tumor Suppressor Gene Meeting*. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.
- Paul, A., Xiang, W., Cao, X., Pfister, T., **Li, Xiaoyu**, and Wimmer, E. RNA/Protein Interactions Essential in the Replication of the Poliovirus Genome. *Xth International Congress of Virology*. Jerusalem, Israel.
- Mueller, S.** and Wimmer, E. (1997) Monocistronic Poliovirus Expression Vectors: Genetic Analysis Reveals Rapid Deletions and Formation of Cardiovirus-Like Genotypes. *16th Annual Meeting, American Society for Virology*. Montana State University, Bozeman, Montana.
- Palmer, Lance E.** and Bliska, J.B. (1996) The Invasin-Mediated Oxidative Burst in LPS and IFN- γ Activated Macrophages, and its Inhibition by the *Yersinia pseudotuberculosis* Tyrosine Phosphatase. *1996 ASM General Meeting*. New Orleans, Louisiana.
- Shin, Sanghoon**, Witherell, G.W., and Wimmer, E. (1996) Effects of Encephalomyocarditis Virus Internal Ribosomal Entry Site Mutations on Viral Proliferation. *Cold Spring Harbor Laboratory Translational Control Meeting*. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

POST-DOCTORATES OBTAINED and PROFESSIONAL APPOINTMENTS

- Agresta, Beth** (1997) Postdoctoral Fellow. Laboratory of Molecular Genetics, *National Institute for Hearing, Communication, and Deafness, National Institutes of Health*, Bethesda, Maryland.
- Bolwig, Gert** (1997) Assistant Professor. *University of Denmark at Copenhagen*, Copenhagen, Denmark.
- Hatfield, Lianna** (1996) Instructor. *Utah State University*, Utah.

MUSIC

Graduate Director: Peter Winkler

Department Chair: David Lawton

GRANTS, FELLOWSHIPS AND AWARDS

Elmenayer, Mohamed (1997) D'Addario Fellow. *1997 Bowdoin Summer Music Festival*, Brunswick, Maine.

Gillespie, Kane (1997) Fellow. *Tanglewood Music Center*, Lenox, Mass.

Kim, Sue Hyon (1997) First Place, Violin, Young Artist Division. *72nd Annual Competition, The Society of American Musicians*, New York, N.Y.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Eckert, Stefan (in press) Review, Joseph Riepel, *Sämtliche Schriften zur Musiktheorie* ed. Thomas Emmerig. *Die Musiktheorie*

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Barg, Lisa (1997) A 'real American opera'? Hidden Narratives and Racial Desire in Virgil Thomson's *Four Saints in Three Acts*. *International Narrative Conference*. University of Florida, Gainesville, Florida

Cateforis, Theodore. (1997) Signifying Screams: Wailing Banshees and Virile Men. *McGill Graduate Society Symposium*. Montreal, Canada

Cateforis, Theodore. (1997) Punk, Funk, Dub and Disco: British Post-Punk and the Avant Garde Groove. *16th Congress of the International Musicological Society*. London, England

Eckert, Stefan (1997) '...only a womanly man would love such a softhearted melody' - The Role of Gender in Joseph Riepel's *Anfangsgründen*. *Feminist Theory and Music IV*. Charlottesville, Virginia

Eckert, Stefan (1997) Riepel, Leibniz, and Ars Combinatoria in Seventeenth- and Eighteenth-Century Thought. *16th Congress of the International Musicological Society*. London, England

Espina-Ruiz, Oskar (1996) Series of Master-Classes and a Lecture Recital. *Estudio Profesional de Música Santa María*. Zaragoza, Spain

Eyuboglu, Murat (1997) Music as Autobiography: the Case of Gustav Mahler's *Wunderhorn* Works. *International Narrative Conference*, University of Florida. Gainesville, Florida

Gunter, Vanessa (1997) Invited Guest Performer. *National Flute Association Convention*. Chicago, Ill.

PROFESSIONAL APPOINTMENTS

Douglas, Bridget (1997) Assistant Principal Flute. *New Zealand Symphony Orchestra*, New Zealand

Espina-Ruiz, Oskar (1996) Founder and Artistic Director of *Musika Bizia*. *Summer Music Festival*. Gernika, Spain

Hanley, Jason Adjunct lecturer. Department of Music, Hofstra University

Yeh, Ying (1997) Lecturer in voice. Department of Music, *Chico State College*, California

PERFORMANCES

Douglas, Bridget (1997) *Artists International* Debut Recital. *Weill Recital Hall at Carnegie Hall*, New York City.

Espina-Ruiz, Oskar (1996) Solo Clarinet Lecture Recital. Gernika, Spain.

Kim, Doyeon (1997) Viola soloist with Corelliard Orchestra. New York City.

Ogwo, Nnena (1997) Soloist in Gershwin's *Rhapsody in Blue* with the *Orquesta Filarmonica de Montevideo*, Uruguay.

Park, Rosa (1996) *Artists International* Debut Recital. *Weill Recital Hall at Carnegie Hall*, New York City.

Shiao, Simon (1997) *Artists International* Debut Recital. *Weill Recital Hall at Carnegie Hall*, New York City.

Vogel, Jordan (1997) *Artists International* Debut Recital. *Weill Recital Hall at Carnegie Hall*, New York City.

NEUROBIOLOGY AND BEHAVIOR

Graduate Director: Jim Gnatd
Department Chair: Lorne Mendell

GRANTS, FELLOWSHIPS AND AWARDS

- Boiko, Tatiana.** (1996) Training in Molecular, Cellular and System Neurobiology, \$10,008. *National Institute of Health*, Bethesda, MD
- Henriquez, Victor** (1997) Dissertation Fellowship, \$10,000. *W. Burghardt Turner Fellowship Program*, State University of New York at Stony Brook, Stony Brook, NY.
- Litvak, Oleg.** (1996) Training in Molecular, Cellular and System Neurobiology, \$10,008. *National Institute of Health*, Bethesda, MD
- Meyer-Bernstein, Elizabeth L.** (1996) Research Service Award Predoctoral Fellowship, \$14,496. *National Institute of Mental Health*, Bethesda, MD
- Segal, Nadav.** (1996) Training in Molecular, Cellular and System Neurobiology \$10,008. *National Institute of Health*, Bethesda, MD

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS, REVIEWS

- Gonzalez, Michael** and Collins, W.F. III (1997) Modulation of motoneuron excitability by brain-derived neurotrophic factor. *Journal of Neurophysiology*, 77:5020506.
- D'Arcangelo, G., **Habas, Raymond**, Wang, S., Halegoua, S. and Salton, R.J. (1996) Activation of co-dependent transcription factors is required for transcriptional induction of the *vgf* gene by nerve growth factor and Ras. *Molec. and Cell Biol.* 16: 4621-4631.
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- Gonzalez, Michael** and Collins, W.F. III (1996) Peripheral application of NT-4 increases excitability and decreases somal size of gastrocnemius motoneurons in the adult rat. *Society for Neuroscience Meeting*. Washington, D.C.
- Henriquez, Victor** (1996) New insight into the role of the basal ganglia reflex blink excitability. *Society for Neuroscience Meeting*. Washington, D.C.

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- Meyer-Bernstein, Elizabeth L.**, and Morin, L.P. (1997) Electrical stimulation of the midbrain raphe nucleus blocks light induced FOS expression in the suprachiasmatic nucleus. *Society for Neuroscience Meeting*. New Orleans, Louisiana.
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- Dixon, J.E., **Shi, Wenmei** and McKinnon, D. (1996) The role of Kv4.3 potassium channel in cardiac myocyte function. *Biophysical Society Fortieth Annual Meeting*. Baltimore, MD.
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- Wang, Hong-Sheng**, Dixon, J.E. and McKinnon, D. (1996) Muscarinic modulation of inward rectifier current. *Biophysical Journal* 70: Tu-PM-A-2

POST DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Ligorio, Michael** (1996) Postdoctoral Research Fellow. Department of Physiology and Biophysics, *University of Miami School of Medicine*, Miami, FL
- McCarthy, Brian** (1996) Postdoctoral Research Fellow. Department of Cellular, Molecular Physiology, *Yale University*, New Haven, CT
- Murray, Nancy C.** (1997) Assistant Professor. Department of Biology, *Hobart and William Smith Colleges*, Geneva, NY
- Paradiso, Kenneth** (1997) Postdoctoral Research Fellow. Department of Anesthesiology, *Washington University*, St. Louis, MO
- Svoboda, Kurt** (1996) Postdoctoral Research Fellow. Department of Biology, *Case Western Reserve University*, Cleveland, Ohio
- Wang, Hong-Sheng** (1996) Postdoctoral Research Fellow. Department of Physiology and Biophysics, *State University of New York at Stony Brook*, Stony Brook, NY

ORAL BIOLOGY AND PATHOLOGY

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Department Chair: Israel Kleinberg

GRANTS, FELLOWSHIPS AND AWARDS

- Ryan, Maria Emanuel.** (1996) Individual Physician Scientist Award, \$93,420 (\$396,567 total). *National Institute of Health*, Bethesda, Maryland.
- Ryan, Maria Emanuel.** (1996) Research Fellowship, \$10,720. *Matra BioSystems Inc.*, Mountainview, California.
- Ryan, Maria Emanuel** (1996) Research Fellowship, \$36,000. *CollaGenex Pharmaceuticals, Inc.*, Newtown, Pennsylvania.
- Ryan, Maria Emanuel** (1996) The 1996 New Dentist Leadership Award. *Dental Society of the State of New York*, Albany, New York.
- Wolff, M.S.** (1996) Investigation of Dental Materials Start-up Grant. *3 M Company*.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Ryan, Maria E.**, Greenwald, Robert A. and Golub, Lorne M. (1996) Potential of Tetracyclines to Modify Cartilage Breakdown in Osteoarthritis. *Curr. Opin. in Rheumat.* 8: 238.
- Vaccariello, M.**, Javaherian, A., Galron, K., Fusenig, N., Garlick, J. (1997) The Role of Cell-Cell Interactions in Early Neoplasia. *The Society for Investigative Dermatology*. Washington D.C.
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- Karpel, B.M., Royek, A., Kletzin, L., Rolston, F., **Codipilly, C.N.** and Baker, D.A. (1997) A comparison of vaginal secretory IgA levels in normal pregnancy and pregnancy complicated by preterm labor. *Am. J. Obs and Gyn.* 176: 1. *17th Annual Meetings*.
- Ryan, M.E.**, Ramamurthy, N.S. Gottesman, E., Evans, R.T., Sorsa, T. and Golub, L.M. (1997). *P. gingivalis*-induced Rat Model in Periodontitis: Active/Inactive Phases. *J. Dent. Res.* 76: 2213.
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Wolff, M.S. and Kleinberg, I. (1997) Contribution of GCF to Whole Saliva before and after Administration of Glycopyrrolate. *J Dent Res.* 76 #695.

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Wolff, M.S. (1996) Bad Breath: Its Cause Diagnosis and Treatment. Invited Seminar, *School of Dental Hygiene*, SUNY at Farmingdale.

Wolff, M.S. Bleaching Technology, What Works, What Does Not. Invited Lecture, *Queen County Dental Society*, Queens, New York.

PROFESSIONAL APPOINTMENTS

Ryan, Maria Emanuel (1996) Assistant Professor. Department of Oral Biology and Pathology, *State University of New York at Stony Brook*, Stony Brook, New York.

PATENTS

Golub, Lorne M., Ramamurthy, Nungavarum S., McNamara, Thomas F., **Ryan, Maria Emanuel** (1996) *Tetracyclines Including Non-Antimicrobial Chemically-Modified Tetracyclines Inhibit Excessive Collagen Crosslinking During Diabetes*. U.S. Patent #5,532,227.

SPECIAL CATEGORIES

Ryan, Maria E. and Golub, Lorne M. (1997) Co-editors, State University of New York at Stony Brook, School of Dental Medicine, *Research News and Profile* 3.

Peace, Jennifer L. (Editor) and **Ryan, Maria E** (1997) Alumni Editor. State University of New York at Stony Brook, School of Dental Medicine, *Continuing Impressions* 2.

PHILOSOPHY

Graduate Director: Don Ihde
 Department Chair: Edward S. Casey

GRANTS, FELLOWSHIPS AND AWARDS

- de Lama Li, Anubis.** (1996-97) W. Burghardt Turner Fellowship, \$13,520. *SUNY at Stony Brook*, Stony Brook, New York, USA.
Mitchell, Andrew. (1996-97) Stony Brook-Wuppertal (Germany) Exchange Program Recipient. 14,000 DM. *SUNY at Stony Brook*, Stony Brook, New York, USA.
Rodemeyer, Lanei. (1996-1997) Annual Grant, monthly stipend for German school year. *Deutscher Akademischer Austauschdienst (German Academic Exchange Service)*, Bonn, Germany.

SINGLY AUTHORED PUBLICATIONS

- Baehr, Amy.** (1996) Report on an APA/AAPT-Sponsored Seminar for Advanced Graduate Students on Teaching Philosophy. *Newsletter of the American Association of Philosophy Teachers*.
Belay, Boris. (1997) That Obscure Parallel to the Dialectic: Tangled lines between Bataille and Kojève. *parallax* 4: 55-70.
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Milem, Bruce. (1996) Suffering God: Meister Eckhart's Sermon 52. *Mystics Quarterly* 22: 69-90.
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- Hansen, Jennifer; Hughes, Michael; Moazzam-Doulat, Malek; Pohlhaus, Gaile; and Wright, John.** (1997) Founders of *Studies in Practical Philosophy: A Journal of Political and Ethical Philosophy*. Humanities Press.
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- Belay, Boris.** (1997) Taboo and Value: the Space between Freud and Bataille. *International Graduate Student Research in Philosophy Conference*. The Institute of Philosophy, Katholieke Universiteit, Leuven, Belgium.
Belay, Boris. (1997) The Sociality of the Secret in Georges Bataille. *French Research Group Seminars*. University of Sussex, Brighton, U.K.
Belay, Boris. (1997) Thirteen Stations of the Passion of Philosophy. *Death and its Concepts: an Interdisciplinary Conference*. University of Leeds, Leeds, U.K.
DiGiovanna, James. (1997) Renaissance Roots of Perspectivism. *Who's Next (Conference in continental philosophy)*. University of Texas at Austin, Austin, Texas.
Hansen, Jennifer. (1997) Awakening the Self: Becoming What She Is. *Who's Next: Philosophy at the Close of the Millennium?* University of Texas at Austin, Austin, Texas.
Hansen, Jennifer. (1996, 1997) Kristeva's Cathartic Cure to Melancholia and the Possibility of a Feminine Artist *Second Annual Association for the Psychoanalysis for Culture and Society on Psychoanalysis and Social Change*. George Washington University. Also presented at the *New England Regional Meeting of the Association for the Advancement of Philosophy and Psychiatry on Imagination and its Pathologies*. Saint Joseph College, CT..
Hansen, Jennifer. (1996) Moderator. *Alterity and Identity in a Masculine Order, Society for Women in Philosophy, Eastern Division Meeting*. SUNY Stony Brook, Stony Brook, NY.
Hansen, Jennifer. (1996) Melancholia: A Feminine Disorder? *Dramas of Culture: The 20th Anniversary Conference of The International Association for Philosophy and Literature*. George Mason University, Fairfax, Virginia.
Johnston, David MacGregor. (1997) Lived Experience in Cyberspace. *Who's Next?: Philosophy at la fin de millenium*. The

University of Texas at Austin, Austin, Texas.

- Johnston, David MacGregor.** (1997) Imagining the Margins. Session Moderator. *Marginal Regions / Textual Margins: The International Association for Philosophy and Literature, 21st Annual Conference.* Mobile, Alabama.
- Lipis, Leo.** (1997) The Phenomenological Status of Bodily Awareness. *Body and Soul.* The Institute of Liberal Arts, Emory University, Atlanta, Georgia.
- Luft, Sebastian.** (1997) The World According to Husserl. The Phenomenological Discovery of the Natural Attitude. *The Mid-South Philosophy Conference.* Memphis, TN.
- Mitchell, Andrew.** (1996) So it Appeals to All of Us: The Death of God, *Finnegans Wake*, and the Eternal Recurrence. *Re: Joyce: An International Conference.* Dundee, Scotland.
- Mitchell, Andrew.** (1997) Overcoming Humanism: The Fourfold and Heidegger's Theorizing of Mortality. *International Philosophy Conference on Heidegger: Fifty Years "Brief ueber den Humanismus."* Amsterdam, Netherlands.
- Rodemeyer, Lanei.** (1996) American Association of Philosophy Teachers. *Women Philosophers: Diverse Undergraduate Approaches.* Old Dominion University, Norfolk, VA.
- Schoenbach, Celian.** (1996) Madness in the *Meditations*: The Roles of Truth, Action, and Infinity. *Annual Conference of the International Association for Philosophy and Literature.* Fairfax, VA.
- Schoenbach, Celian.** (1996) Women Philosophers: Diverse Undergraduate Approaches. *11th International Workshop-Conference on Teaching Philosophy.* Norfolk, VA.
- Schoenbach, Celian.** (1996) Against Happiness; Against the Medicating of Van Gogh: Philosophical and Psychological Views Regarding the Highest Human Goal. *Annual Conference of the Society for Phenomenology of the Human Sciences.* Washington, D.C.
- Schoenbach, Celian.** (1996) The Wisdom of the Subconscious against Crippling Lies (in the case of Dora and Others). *2nd Annual Conference of the Association of Psychoanalysis of Culture and Society.* Washington, D.C.
- Schwartzman, Lisa.** (1997) Relational Rights, Care Ethics and Heterosexual Relationships: Situating Ethics in the Context of Patriarchy. *Society for Women in Philosophy, Eastern Division.* Trinity College, Washington, D.C.
- Schwartzman, Lisa.** (1997) Sexual Difference' in Irigaray: Transformation or Affirmation? *Women & Society Conference.* Marist College, Poughkeepsie, NY.
- Stone-Mediatore, Shari.** (1996) Between Writing and Experience: A Materialist Feminist Response to Feminist Critiques of 'Experience.' *Midwest Society for Women in Philosophy.* Southern Illinois University, Illinois.
- Welsh, Talia.** (1997) Francis Bacon: Plan and Accident. *Mid-South Philosophy Conference.* Memphis, Tennessee.
- Wright, John R.** (1997) Moderator. On Theoretical Considerations. *New England Regional Meeting of the Association for the Advancement of Philosophy and Psychiatry.* Saint Joseph College, CT.
- Wright, John R.** (1997) Double Death, Double Ethics. *Graduate Philosophy Conference.* University of Texas at Austin, Austin, Texas.
- Wright, John R.** (1997) On Language and the Community of Finitude. *International Association for Philosophy and Literature.* University of South Alabama, Mobile, Alabama.

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- Lipis, Leo.** (in press) Grammar and Truth: On Nietzsche's Relationship to the Speculative Sentential Grammar of the Metaphysical Tradition. *Nietzsche and the Sciences 1: Nietzsche, Traditional Epistemology, and Critical Theory.* B. Babich, Editor. Dordrecht: Kluwer.
- Luft, Sebastian and Lanei Rodemeyer.** (1997) *Menschliches Selbstverständnis*, Chapter 1: Der Nullpunkt der Orientierung: Die Placierung des Ich im wahrgenommenen Raum (The Zero-Point of Orientation: The Placement of the I in Perceived Space). Work by Elmar Holenstein. Forthcoming in *Towards a Philosophy of the Body*, ed. By Prof. Donn Welton.
- Mitchell, Andrew.** (1996) Hermeneutik bei Nietzsche (Nietzsche's Hermeneutics). Work by Prof. Dr. Manfred Baum (Wuppertal, Germany). The Karl Gustav Memorial Lecture, University of Iowa, Iowa, USA.
- Mitchell, Andrew.** (in press) Heideggers Wende zum Deutschen Idealismus (Heidegger's Turn to German Idealism). Work by Prof. Dr. Claudius Strube (Wuppertal, Germany). Humanities Press, New York.

PHYSICS

Graduate Director: William Weisberger
 Department Chair: Peter Paul

GRANTS, FELLOWSHIPS AND AWARDS

Mielke, S. L. (1996) Coherent Travel Grant Award, \$1000. *Coherent Inc.*, Palo Alto, CA.
Tsai, Shan-Ho (1996) David Fox Prize for Outstanding Teaching Assistant, \$200.00. *Stony Brook Foundation*, Stony Brook, NY

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Cahn, S.B.**, Mahan, G.D., Nadgorny, B.E. (1997) *A Guide to Physics Problems, Part II: Thermodynamics, Statistical Physics, and Quantum Mechanics*. New York: Plenum Press.
- Halasz, M.A.**, Jackson, A.D., Verbaarschot, J.J.M. (1997) Yang-Lee Zeros of a Random Matrix Model for QCD at Finite Density. *Physics Letters B* 395: 293-297
- Kamilla, R.K.**, Wu, X.G. and Jain, J.K. (1996) Composite Fermion Theory of collective excitations in fractional quantum Hall effect. *Physical Review Letters* 76: 1332
- Kamilla, R.K.**, Wu, X.G. and Jain, J.K. (1996) Skyrmions in fractional quantum Hall effect. *Solid State Communications* 99: 289.
- Kamilla, R.K.**, Wu, X.G. and Jain, J.K. (1996) Excitons of Composite Fermions. *Physical Review B* 54: 4873.
- Jain, J.K. and **Kamilla, R.K.** (1996) Excitations of Composite Fermions. *Proceedings of 12th International Conference on Application of High Magnetic Fields in Semiconductor Physics*. Wurzburg, Germany.
- Jain, J.K. and **Kamilla, R.K.** (1997) Quantitative study of large composite-fermion systems. *Physical Review B* 55: 4895R.
- Kamilla, R.K.** and Jain, J.K. (1997) Variational study of the vortex structure of Composite Fermions. *Physical Review B* 55: 9824.
- Kamilla, R.K.** and Jain, J.K. (in press) Excitonic instability and termination of fractional quantum Hall effect. *Physical Review B* 55.
- Jain, J.K. and **Kamilla, R.K.** Quantitative theory of the Fractional Quantum Hall Effect. *Composite Fermions*. O. Heinonen, ed.
- Mielke, S. L.**, Foster, G. T., Gripp, J., Orozco, L. A. (1997) Time response of a coupled atoms-cavity system. *Optics Letters* 22: 325-327.
- Gripp, J., **Mielke, S. L.**, Orozco, L. A. (1996) Anharmonicity of the vacuum Rabi peaks in a many-atom system. *Phys. Rev. A* 54: R3746-R3749.
- Halasz, M.A., **Osborn, J.C.**, Verbaarschot, J.J.M. (1997) Random matrix triality at nonzero chemical potential. *SUNY-NTG-97-14*, hep-lat/9704007.
- Qiu, X.**, Batchelor, K, Ben-Zvi, I. and Wang, X.J. (1996) Demonstration of emittance compensation through the measurement of the slice emittance of a 10 picosecond electron bunch. *Physical Review Letters* 76: 3723.
- Wang, X.J., **Qiu, X.** and Ben-Zvi, I. (1996) Experimental observation of micro-bunching in a photocathode RF gun injector. *Physical Review E* 54: R3121.
- A., Gallardo, J., Sandweiss, J., Fang, J-M, Babzien, M., **Qiu, X.**, Skaritka, J. and Wang, X.J. (1996) Observation of energy gain at the BNL IFEL accelerator, van Steenbergen. *Physical Review Letters* 77: 2690.
- Reddy, Sanjay K.** (1997) Neutrino Scattering in a Newly Born Neutron Star. *ApJ*. 478: 689-700.
- Jackson, A.D., **Sener, M.K.**, and Verbaarschot, J.J.M (1996) Universality near zero virtuality. *Nuc. Phys. B* 479: [FS] 707.
- Jackson, A.D., **Sener, M.K.**, and Verbaarschot, J.J.M. (1996) Finite volume partition functions and Itzykson-Zuber integrals. *Phys. Lett. B* 387: 355.
- Jackson, A.D., **Sener, M.K.**, and Verbaarschot, J.J.M (1997) Universality of correlation functions in random matrix models of QCD. *SUNY-NTG-97-11*, hep-th/9704056
- Simsarian J. E.**, Shi W., Orozco L. A., Sprouse G. D., Zhao W. Z. (1996) $7S_{1/2} \rightarrow 9S_{1/2}$ two-photon spectroscopy of trapped francium. *Opt. Lett.* 21: 1939.
- Zhao W. Z., **Simsarian J. E.**, Orozco L. A., Shi W. and Sprouse G. D. (forthcoming) Measurement of the $7p \ ^2P_{3/2}$ level lifetime in atomic francium. *Phys. Rev. Lett.*
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- Shrock, R., **Tsai, S.-H.** (1997) Ground State Entropy and the $q = 3$ Potts Antiferromagnet on the Honeycomb Lattice. *J. Phys. A* 30: 495-500.
- Shrock, R., **Tsai, S.-H.** (1997) Non-universality of Complex-Temperature Phase Diagrams: 1D Spin Models with Next-Nearest-Neighbor Couplings. *Phys. Rev. E* 55: 5184.
- Shrock, R., **Tsai, S.-H.** (1997) Asymptotic Limits and Zeros of Chromatic Polynomials and Ground State Entropy of Potts Antiferromagnets. *Phys. Rev. E* 55: 5165.
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- Cahn, S.B.**, Kumarakrishnan, A., Shim, U., Sleator, T., Berman, P., Dubetsky, B. (1997) Measurement of Effect of Spontaneous Emission on a Time-Domain de Broglie Wave Interferometer. *DAMOP*. Washington, DC.
- Kumarakrishnan, A., Shim, U., **Cahn, S.B.**, Sleator, T., Berman, P., Dubetsky, B. (1997) Experiments with Magnetic Grating Echoes from Doppler Broadened Rb vapor at room temperature. *DAMOP*. Washington, DC.
- Cahn, S.B.**, Kumarakrishnan, A., Shim, U., Sleator, T. (1996) Magnetic Grating Imaging of a Cloud of Trapped Rubidium. OSA. Rochester, NY.
- Kumarakrishnan, A., **Cahn, S.B.**, Shim, U., Sleator, T. (1996) Time Domain Matter Wave Interferometry Using Trapped Atoms. OSA. Rochester, NY.
- Cashen, M.T.**, Koch, P.M. (1997) Ray Tracing Demonstrates the Importance of Focusing in the Practical Operation Near Cutoff of an Electrostatic Filter Lens. *Joint APS/AAPT Meeting*. Washington DC.
- Halasz, M.A.**, Jackson, A.D., Verbaarschot, J.J.M., **Sener, M.K.** (1996) Random Matrix Model for the Chiral Phase Transition at Finite Temperature and Chemical Potential. *Meeting of the APS Division of Nuclear Physics*. Cambridge, Mass.
- Mielke, S. L.**, Foster, G. T., Orozco, L. A. (1997) Correlation functions in an optical cavity QED system. *American Physical Society DAMOP Annual Meeting*. Washington, DC.
- Mielke S. L.**, Gripp, J., Orozco, L. A. (1996) Evolution of the vacuum Rabi peaks in a many-atom system. *Quantum Electronics and Laser Science Conference*. Anaheim, CA.
- Qiu, X.**, Wang, X.J., et al (1996) Experimental characterization of the high-brightness electron photo-injector. *1995 International FEL Conference Proc.*, Nuclear Instruments and Methods in Physics Research, A375, 82.
- Qiu, X.** et al (1996) Experiments in Non-perturbative electron beam characterization with the MIT micro-wiggler at the Accelerator Test Facility at BNL. *Proc. of 1996 International FEL Conference*. Rome, Italy.
- Zhao W. Z., Orozco L. A., Shi W., **Simsarian J. E.**, Sprouse G. D. (1996) Towards atomic parity violation in francium-tests of the atomic theory of Fr. *DNP 96 Meeting of the American Physical Society*. Cambridge, MA USA. *Bull. Am. Phys. Soc.* 41: 1256.
- Sprouse G. D., Orozco L. A., **Simsarian J. E.**, Shi W., Zhao W. Z. (1996) laser trapping of radioactive francium atoms. *EMIS 13*. Durham, GDR. Accepted by *Nuc. Inst. And Methods*.
- Simsarian J. E.**, Orozco L. A., Sprouse G. D., Teaney D. A., Zhao W. Z. (1997) Measurement of the $7p\ ^2P_{1/2}$ state lifetime in atomic francium. *QELS 97*. Baltimore, MD.
- Simsarian J. E.**, Orozco L. A., Sprouse G. D., Zhao W. Z. (1997) Measurement of the $7p\ ^2P_{1/2}$ state lifetime in atomic francium. *DAMOP 97 Meeting of the American Physical Society*. Washington, DC. *Bull. Am. Phys. Soc.* 42: 928.
- Orozco L. A., **Simsarian J. E.**, Sprouse G. D., Zhao W. Z. (1997) Francium spectroscopy: towards a low energy test of the Standard Model. *Proceedings of the Latin American Symposium on High Energy Physics*. Merida, Mexico. J.C. D'Olivo and H. Mendez, Eds. AIP.
- Simsarian J. E.**, Orozco L. A., Sprouse G. D., Zhao W. Z. (1997) Lifetime measurements and Laser Spectroscopy of Fr. *THICOLS 97*. Hanzhou, PRC.
- Simsarian J. E.**, Orozco, L. A., Sprouse G. D., Zhao W. Z. (1997) Experimental tests of the atomic theory of Fr. *2nd Symposium on Symmetries in Subatomic Physics*. Seattle, WA.
- Steele, James V.** (1996) Dileptons in a Hot Hadronic Gas. *Fall Meeting of the APS Division of Nuclear Physics*. Cambridge, MA.
- Steele, James V.** (1997) Dileptons and Photons from a Hot Hadronic Gas. *MIT seminar, Duke University seminar, University of Washington seminar, University of Maryland-College Park seminar, and Ohio State University seminar*.
- Velkovsky, M.** The role of the instantons for the QCD phase transitions. *LANL, BNL, and Univ. of Maryland-College Park*.
- Williams, M.R.**, Bellanca, J., Liu, L., Hack, J.S., Buell, W.F., Bergeman, T., Metcalf, H.J. (1997) The Recoil Regime: A New Domain of Laser Cooling. *Joint APS/AAPT Meeting*. Washington DC.

POST DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Qiu, Joe Xu Zhou** (1997-99) Postdoctoral Fellow. *National Research Council*, Washington, DC. Plasma physics division, *Naval Research Laboratory*, Washington, DC.
- Steele, James V.** (1997) Post-doctorate. Physics Department, *Ohio State University*, Columbus, OH.

PHYSIOLOGY AND BIOPHYSICS

Graduate Director: Leon Moore

Department Chair: William Van der Kloot

GRANTS, FELLOWSHIPS, AND AWARDS

Runnels, Loren. (1997) Research Recognition Award. *Sigma Xi*, Stony Brook, NY, USA.

Runnels, Loren. (1997) Research Travel Award. *Sigma Xi*, Stony Brook, NY, USA.

JOINTLY AUTHORED PUBLICATION/RESEARCH REPORTS/REVIEWS

Baillie, A.G.S., **Coburn, C.T.**, and Abumrad, N.A. (1996) Reversible Binding of Long-chain Fatty Acids to Purified FAT, the Adipose CD36 Homolog. *J. Membrane Biol.* 153 : 75-81.

Korobka, A., **Cullinan, D.**, Cosman, M., Grollman, A., Patel, D., Eisenberg, M., de los Santos, C. (1996) Solution Structure of an Oligodeoxynucleotide Duplex Containing the Exocyclic Lesion 3, N⁴-Etheno-2'-deoxycytidine Opposite 2'-Deoxyadenosine, Determined by NMR Spectroscopy and Restrained Molecular Dynamics. *Biochemistry* 35: 13310-13318.

Cullinan, D., Korobka, A., Grollman, A., Patel, D., Eisenberg, M., de los Santos, C. (1996) NMR Solution Structure of an Oligodeoxynucleotide Duplex Containing the Exocyclic Lesion 3, N⁴-Etheno-2'-deoxycytidine Opposite Thymidine: Comparison with the Duplex Containing Deoxyadenosine Opposite the Adduct. *Biochemistry* 35 : 13319-13327.

Cullinan, D., Grollman, A., Eisenberg, M., de los Santos, C. (in press) Solution Structure of a DNA Duplex Containing the Exocyclic Lesion: 3, N⁴-Etheno-2'-deoxycytidine. *Biochemistry*

Mehrotra, B., **Elliott, J.T.**, Chen, J., Olszewski, J.D., Profit, A.A., Chaudhary, A., Fukuda, M., Mikoshiba, K. and Prestwich, G.D. (1997) Selective Photoaffinity Labeling of the Inositol Polyphosphate Binding C2B Domains of Synaptotagmins. *J. Biol. Chem.* 272 (7): 4237-4244.

Prestwich, G.D., Dorman, G., **Elliott, J.T.**, Marecak, D.M. and Chaudhary, A. (1997) Benzophenone Photoprobes for Phosphoinositides, Peptides and Drugs. *Photochemistry and Photobiology.* 65 (2): 222-234.

Pellicena, P., Scholten, D., Zimmerman, K., Creswell, M., Huang, C. C., and Miller, W. T. (1996) Involvement of the α Subunit of Farnesyl-Protein Transferase in Substrate Recognition. *Biochemistry* 35: 13494-13500

Glaser, M., Wanaski, S., Buser, C.A., Boguslavsky, V., Rashidzada, W., Morris, A., Rebecchi, M., Scarlata, S.F., **Runnels, L.W.**, Prestwich, G.D., Chen, J., Aderem, A., Ahn, J., and McLaughlin, S. (1996) Myristoylated Alanine-rich C Kinase Substrate (MARCKS) Produces Reversible Inhibition of Phospholipase C by Sequestering Phosphatidylinositol 4,5-Bisphosphate in Lateral Domains. *The Journal of Biological Chemistry* 271 (42): 26187-26193.

Runnels, L.W., Jenco, J., Morris, A., and Scarlata, S. (1996). Membrane Binding of Phospholipases C-b₁ and C-b₂ Is Independent of Phosphatidylinositol 4,5-Bisphosphate and the α and β Subunits of G Proteins. *Biochemistry* 35 (51): 16824-16832.

Tall, E., Dormán, G., Garcia, P., **Runnels, L.**, Shah, S., Chen, J., Profit, A., Gu, Q., Chaudhary, A., Prestwich, G.D., Rebecchi, M.J. (in press) Phosphoinositide-binding Specificity among Phospholipase C Isozymes as Determined by Photocrosslinking to Novel Substrate and Product Analogs. *Biochemistry*.

Tall, Edward, Dormán, G., Garcia, P., Runnels, L., Shah, S., Chen, J., Profit, A., Gu, Q., Chaudhary, A., Prestwich, G.D., Rebecchi, M.J. (in press) Phosphoinositide-binding Specificity among Phospholipase C Isozymes as Determined by Photocrosslinking to Novel Substrate and Product Analogs. *Biochemistry*.

Wu, Jiying and Cohen, Ira (in press) Tyrosine kinase inhibition reduces i_f in rabbit SA node myocytes *Pflugers Archiv*.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Demazumder, Deeptankar (1997) Myocardial Heating Patterns During Radiofrequency Energy Delivery Via an Irrigated Electrode. *North American Society of Pacing and Electrophysiology*. New Orleans, Louisiana.

Demazumder, Deeptankar. (1997) Comparison of Different Electrodes for Radiofrequency Ablation of Myocardium using Saline Irrigation. *North American Society of Pacing and Electrophysiology*. New Orleans, Louisiana.

Runnels, L., Scarlata, S., and Morris, A. 1997. Measured Affinities Between G Protein $\beta\gamma$ Heterodimers and PLC-b₁, b₂, and b₃. *Forty-first Annual Meeting of the Biophysical Society*. New Orleans, Louisiana.

Wu, Jiying, Chang, Fang and Cohen, Ira (1996) Effects of bradykinin on diastolic membrane currents in canine and rabbit cardiac myocytes. *Biophysical Journal* 70 (2): A393. *Biophysical Society Meeting*. Baltimore, Maryland

Wu, Jiying and Cohen, Ira (1997) A possible role of tyrosine kinases in the regulation of i_f in rabbit SA node myocytes. *Biophysical Journal* 72 (2): A373. *Biophysical Society Meeting*. New Orleans, Louisiana.

POLITICAL SCIENCE

Graduate Director: Paul Teske

Department Chair: Mark Schneider

GRANTS, FELLOWSHIPS, AND AWARDS

Chard, Richard E. (1996-97) Research Fellow. *Center for Health Policy and Management*, University at Stony Brook.

Marschall, Melissa (1996) Best Graduate Student Paper of the Year. *Law and Courts Section of the American Political Science Association*.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Chard, Richard E. (1997) Benefits of the Introduction of Decision Tools for Health Care Utilization. *J. of Health and Social Policy*.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Schneider, Mark, Paul Teske, **Melissa Marschall**, Michael Mintrom, and Christine Roch. (1997) Institutional Arrangements and the Creation of Social Capital: The Effects of Public School Choice. *American Political Science Review*.

Schneider, Mark, Paul Teske, Christine Roch and **Melissa Marschall**. (Forthcoming) Networks to Nowhere: Segregation and Stratification in Networks of Information about Schools. *American Journal of Political Science*.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Chard, Richard E. (1997) Presidents as Advocates and Entrepreneurs: The Role of the Bully Pulpit in Health care Reform from 1932 to 1996. *American Political Science Association Convention*.

Chard, Richard E., Robert M. Howard, and Aneu Green. (1997) Bad Judgment: Declining Trust in the United States Supreme Court. *American Political Science Association Convention*.

Chard, Richard E. (1997) The CON Game: State Hospital Regulation and the Certificate of Need. *Midwest Political Science Association (MPSA) Convention*.

Chard, Richard E. and Mihri Mete. (1997) For All Data there is a Method: OLS vs. MLE with Bounded Dependent Variables. *Midwest Political Science Association (MPSA) Convention*.

Chard, Richard E. and Melissa J. Marschall. (1996) Two-Stage Models with Dichotomous Dependent Variables. *Southern Political Science Association (SPSA) Convention*.

Chard, Richard E. (1996) Quality, Access, Cost and Choice: Examining Market Based Approaches to Health Care. *American Political Science Association Convention*.

Chard, Richard E. and Robert L. Boucher. (1996) With Advice and Consent: The Supreme Court Nominations Game. *American Political Science Association Convention*.

Chard, Richard E. (1996) Does the Judiciary Dominate the Bureaucracy? A Formal Model and Statistical Test of Bureaucratic Compliance. *Midwest Political Science Association (MPSA) Convention*.

Howard, Robert M. and **Richard Chard**. (1997) Hail to the Chief: The Impact of the Chief Justice on Public Opinion. *Midwest Political Science Association (MPSA) Convention*.

Marschall, Melissa and Andreas Broscheid. (1997) Examining the Influence of Institutions on Supreme Court Civil Rights Decisions, 1953-1992. *Annual Meeting of the Midwest Political Science Association*. Chicago, Ill.

Neely, Francis (1996) Strong Independents: Examining the Nature of an Independent Citizen-Party Relationship. *Southern Political Science Association Annual Meeting*. Atlanta, Georgia.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

Chard, Richard E. (1996-97) Editor. *Health Policy and Management Monograph Series*.

PSYCHOLOGY

Graduate Director: Harriet Waters

Department Chair: Jasper Brener

GRANTS, FELLOWSHIPS, AND AWARDS

- Colon-Downs, Christine.** (April, 1997-October, 1999). NIMH Minority Fellowship. \$49,700 for the period. *NIMH*. Bethesda, Maryland.
- Contreras, Elena.** (1996) W. Burghardt Turner Fellowship. *State University of New York at Stony Brook*. Stony Brook, NY.
- Cassillas, Katherine.** (1996) W. Burghardt Turner Fellowship. *State University of New York at Stony Brook*. Stony Brook, NY.
- DeLuca, Robyn Stein.** (1997) The University Affairs Graduate Fellowship Award in the Humanities and Social Sciences, \$1000. *SUNY Stony Brook*. Stony Brook, NY.
- Durbin, Catherine.** (1996) Graduate Council Fellowship. *State University of New York at Stony Brook*. Stony Brook, NY.
- Jeffries, Paul.** (1997) Honorable Mention Award. *National Science Foundation Graduate Fellowship Competition*.
- McNeal, Jeremy.** (1996) W. Burghardt Turner Fellowship. *State University of New York at Stony Brook*. Stony Brook, NY.
- Polichak, James.** (1997) Honorable Mention Award. *National Science Foundation Graduate Fellowship Competition*.
- Rodrigues, Lisa M.** (1997) Graduate Travel Award, \$300. *Society for Research in Child Development*. Ann Arbor, Michigan.
- Smyth, Joshua M.** (1996) Co-Investigator. Written emotional expression: Effects on symptoms, disease status, and HPA axis in patients with rheumatoid arthritis, asthma, and breast cancer, \$139,392. *Fetzer Institute*.
- Smyth, Joshua M.** (1996) Primary Investigator. The use of intensive daily assessments to monitor asthmatics' response to a tape-recorded relaxation intervention: a pilot study. \$2,150. *State University of New York at Stony Brook URECA program*.
- Smyth, Joshua M.** (1997) Conference citations and best presentation. *American Psychosomatic Society Annual Meeting*, Sante Fe, NM.
- Smyth, Joshua M.** (1996) National Service Award. *Psy Chi National Honor Society in Psychology*.
- Thompson, Shawn.** (1996) W. Burghardt Turner Fellowship. *State University of New York at Stony Brook*. Stony Brook, NY.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Bortfeld, H.** (in press) Review, *Computer-mediated communication: Linguistic, social, and cross-cultural perspectives*. *Language*.
- Mattys, S.L.** (in press) The use of time during lexical processing and segmentation: A review. *Psychonomic Bulletin & Review*.
- Smyth, J.** (in press) Written emotional expression: effect size, outcome types, and moderating variables. *Journal of Consulting and Clinical Psychology*.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Avery-Leaf, S., Cascardi, M., O'Leary, K.D., & Cano, A.** (in press) The efficacy of a dating violence prevention program. *Journal of Adolescent Health*.
- Bortfeld, H., & Brennan, S.** (1997). Use and acquisition of idiomatic expressions in referring by native and non-native speakers. *Discourse Processes*, 23, 21-49.
- Cano, A., Cascardi, M., Avery-Leaf, S., & O'Leary, K.D.** (in press) Dating violence in two high school samples: Discriminating variables. *Journal of Primary Prevention*.
- Cano, A. & O'Leary, K.D.** (in press) Romantic jealousy and affairs: Research and Implications for Couple Therapy. *Journal of Sex and Marital Therapy*.
- Carr, E.G., **Carlson, J.I., Langdon, N., Magito McLaughlin, D., & Yarbrough, S.** (in press). Two perspectives on antecedent control: Molecular and molar. J.K. Luiselli, ed. *Antecedent control procedures for behavioral support of persons with developmental disabilities*. Baltimore, M.D.: Paul H. Brookes Co.
- Crowell, J. A., Waters, E., Treboux, D., O'Connor, E., **Colon-Downs, C., Feider, O., Golby, B., & Posada, G.** (1996) Discriminant validity of the Adult Attachment Interview. *Child Development* 67: 2584-2599.
- Dias, L., & Lobel, M.** (in press) Social comparison in medically high risk pregnant women. *Journal of Applied Social Psychology*.
- Stice, E., Ozer, S., & **Kees, M.** (1997) Relation of dietary restraint to bulimic symptomatology: The effects of the criterion confounding of the restraint scale. *Behavior Research and Therapy* 35: 145-152.

- Knapp, K.**, Ring, C., & Brener, J. (in press) Sensitivity to mechanical stimuli and the role of general sensory and perceptual processes in heartbeat detection. *Psychophysiology*.
- Lara, M. E.**, **Ferro, T.**, & Klein, D. N. (in press) Family history assessment of personality disorders: II. Association with measures of psychosocial functioning in direct evaluations with relative. *Journal of Personality Disorders*.
- Lara, M. E.**, **Leader, J.**, & Klein, D. N. (in press). The association between social support and course of depression: Is it confounded with personality? *Journal of Abnormal Psychology*.
- Wright, S.C., Aron, A., **McLaughlin-Volpe, T.**, & Ropp, S.A. (in press) The extended contact effect: Knowledge of cross-group friendships and prejudice. *Journal of Personality and Social Psychology*.
- Davidson, M., Harvey, P.D., Welsh, K., Powchik, P., **Putnam, K.M.**, Mohs, R.C. (1996) Cognitive functioning in late life schizophrenia: A comparison of elderly schizophrenic patients and patients with Alzheimer's Disease. *American Journal of Psychiatry* 153: 1274-1279.
- Carr, E.G., **Reeve, C.E.**, & **Magito McLaughlin, D.**, (1996). Contextual influences on problem behavior in people with developmental disabilities. L. Kern-Koegel, R. Koegel & G. Dunlap, Eds. *Positive behavioral support: Including people with difficult behavior into the community*. Baltimore, M.D.: Paul H. Brookes Co.
- Heyman, R.E., & **Schlee, K.A.** (in press) Estimating the true level of wife abuse: Adjusting rates based on sensitivity of the Conflict Tactics Scale. *Journal of Family Violence*.
- Heyman, R.E., & **Schlee, K.A.** (in press) Stopping wife abuse via Physical Aggression Couples Treatment. D. Dutton, ed. *Treatment of Assaultiveness*.
- Schlee, K.A.**, Heyman, R.E., & O'Leary, K.D. (in press) Group treatment for spouse abuse: Are women with PTSD appropriate participants? *Journal of Interpersonal Violence*.
- Langhinrichsen-Rohling, J., Heyman, R.E., **Schlee, K.A.**, & O'Leary, K.D. (in press) Before children: The pre-parenthood cognitions of distressed and husband-to-wife aggressive couples. *Journal of Family Psychology*.
- Wortman, C. & **Smyth, J.** (in press) Using one's own passion and undergraduate teaching assistants to transform the large lecture-only introductory psychology course: Adding diversity and depth. R. Sternbergs, ed. *Teaching Introductory Psychology: Survival Tips From the Experts*.
- Smyth, J.**, Ockenfels, M., **Gorin, A.**, **Catley, D.**, Porter, L., Kirschbaum, C., Hellhammer, D., & Stone, A. (1997). Diurnal cycles of cortisol: Relation to psychosocial factors and upper respiratory symptom report. *Psychoneuroendocrinology*, 22 (2): 89-105.
- Stone, A., **Smyth, J.**, Pickering, T., & Schwartz, J. (1996) Daily mood variability: Shapes of diurnal patterns and determinants of diurnal patterns. *Journal of Applied Social Psychology* 26 (14): 1286-1305.
- Stone, A. & **Smyth, J.** (1996) Are we ready for the spectrum model of emotions? *Advances L2* (2): 35-38.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Abbott, G.**, Treboux, D.A., **Leisring, P.**, & Strassberg, Z. Childhood physical abuse and adolescent parenting. *The biennial meeting of the Society for Research in Child Development*. Washington, DC.
- Abbott, G.**, Treboux, D., & Strassberg, Z. (1996) Relations between childhood physical abuse and current depression and stress in a sample of adolescent mothers. *The XIVth Biennial International Society for the Study of Behavioral Development*. Quebec City, Canada.
- Avery-Leaf, S.**, Cascardi, M., O'Leary, K.D., & Slep, A.M.S. (1996) The prevention of dating violence: The short-term impact of a five-session curriculum on dating aggression and attitudes justifying dating violence. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Slep, A.M.S., **Avery-Leaf, S.**, O'Leary, K.D., & Cascardi, M. (1996) Attitudes accepting of dating aggression: A comparison of three measures. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Beauchaine, T. P.** (1996) Competent response options to child noncompliance. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Bortfeld, H.**, & Brennan, S. (1996) Use of idiomatic referring expressions during conversations between native and non-native speakers. *6th Annual Conference and Meeting of the Society for Text and Discourse Processing*. San Diego, CA.
- Bortfeld, H.** (1996) Are Latvian idioms motivated by universal conceptual metaphors? *5th Annual Conference on Baltic Studies*. Waltham, MA.
- Brown, P. D.**, Shertzer, E. L., Shimabukaro, D. M., & O'Leary, K. D. (1996) Clients' perceptions of helpfulness in a group treatment program for maritally violent men. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Chase, K. A.**, Treboux, D., Strassberg, Z. & O'Leary, D. K. (1996). Prevalence and justification of dating and peer aggression in a high risk sample. *The sixth biennial meeting of the Society for Research on Adolescence*. Boston, MA.
- Chase, K.A.** (1997) High-risk adolescents: Who and how many are dating violent? *The biennial meeting of the Society for Research in Child Development*. Washington, DC.

- Chiaromonte, Gabrielle.** (1996) Physicians' Diagnostic and Treatment Biases of Women Presenting Coronary Heart Disease (CHD) Symptoms. *The Fourth International Congress of Behavioral Medicine sponsored by the Society of Behavioral Medicine*. Washington, DC.
- Chiaromonte, Gabrielle.** (1997) Do Medical Schools Reinforce Gender Biases in Diagnosing CHD? *The Society of Behavioral Medicine Eighteenth Annual Scientific Sessions*. San Francisco, CA.
- Treboux, D., Crowell, J. A., **Colon-Downs, C.**, Owens, G., & Waters, E. (1996) Attachment and experience of life events in married couples: Does partner's attachment status mediate the effects of stress? *The XIVth Biennial International Society for the Study of Behavioral Development*. Quebec City, Canada.
- Colon-Downs, C.**, Crowell, J., Allen, J., Hauser, S., & Waters, E. (1997) Investigating the unresolved Adult Attachment Classification: A pattern of attachment or an index of general psychosocial functioning? *The biennial meeting of the Society for Research in Child Development*. Washington, D.C.
- Culp, Danielle,** & Srinivas, Kavitha. (1997) Event-based conceptual implicit memory: New learning in an interference paradigm. *68th Annual Meeting of the Eastern Psychological Association*. Washington, D.C.
- Waters, H.S., **Cunliffe, M., Rodrigues, L.M., & Liao, Y.** (1997) Articulating a domain-specific view of narrative production. *The biennial meeting of the Society for Research in Child Development*. Washington, DC.
- Deluca, R.S.,** & Lobel, M. (1997) Post-cesarean adjustment: The role of diminished control and violated expectations. *The annual meeting of the American Psychological Association*. Chicago, Illinois.
- Dhoon, A.M.,** & Squires, N. (1996) Electrophysiological correlates of perceptual learning in the human visual system. *Meeting of the Society for Psychophysiological Research*. Vancouver, BC, Canada.
- Manne, M.K., Loeser, S.F., **Dhoon, A.M.,** Weisbrot, D.M., Jandorf, L., Molloy, B., Bolton, A.K., & Ettinger, A.B. (1996) Outcome and insight in an adult population with non-epileptic seizures. *Meeting of the American Epilepsy Society*. San Francisco, CA.
- Francis, S., **Dhoon, A.M.,** Weisbrot, D.M., Jandorf, L., Krupp, L.B., & Ettinger, A.B. (1996) Anxiety in epilepsy. *Meeting of the American Epilepsy Society*. San Francisco, CA.
- Berry, S.A., **Dhoon, A.L.,** Loeser, S.F., Squires, N.K., & Ettinger, A.B. (1997). Correlations between psychiatric and psychosocial variables in adults with psychogenic seizures. *68th Annual Meeting of the Eastern Psychological Association*. Washington, DC.
- Loeser, S.F., **Dhoon, A.L.,** Berry, S.A., Squires, N.K., & Ettinger, A.B. (1997) Psychosocial factors predicting favorable outcome in patients suffering from psychogenic seizures. *68th Annual Meeting of the Eastern Psychological Association*. Washington, D.C.
- Exline, J.J.,** & Lobel, M. (1997) Outperforming someone you know: Predictors of personal and relationship strain. *The Annual Meeting of the American Psychological Society*. Washington, DC.
- Federico, T.,** & Franklin, N. (1996). Long-term representation of spatial mental models. *37th Annual Meeting of the Psychonomic Society*. Chicago, Illinois.
- Radvansky, G.A., Zwaan, R., Franklin, N., & **Federico, T.** (1996) Retrieval from time-based situation models. *37th Annual Meeting of the Psychonomic Society*. Chicago, Illinois.
- Fyffe, C.** & Waters, E. (1996) Empirical classification of adult attachment status using the Adult Attachment Interview. *The XIVth Biennial International Society for the Study of Behavioral Development*. Quebec City, Canada.
- Fyffe, C.** & Waters, E. (1997) Empirical classification of adult attachment status: Predicting group membership from state of mind scales. *The biennial meeting of the Society for Research in Child Development*. Washington, DC.
- Hamilton, M.,** & Rajaram, S. (1997) Concreteness effect in implicit conceptual memory tests. *Annual meeting of the Eastern Psychological Association*. Washington, DC.
- Friend, R., & **Hatchett, L.** (1997). Interpersonal relations and optimism in the maintenance of adjustment in chronic illness. *68th Annual Meeting of the Eastern Psychological Association*. Washington, DC.
- Kees, M.R.** (1997) Abuse recognition and the intergenerational transmission of child rearing practices. *The biennial meeting of the Society for Research in Child Development*. Washington, DC.
- Knapp, K.,** & Brener, J. (1996) Can the temporal locations of heartbeat sensations be measured using a simultaneity paradigm? *Society for Psychophysiological Research*. Vancouver, Canada.
- Kunmann, T. W.,** & Waters, H.S. (1996) Metacognition and strategy discovery. *The annual meeting of the American Educational Research Association*. New York, NY.
- Leisring, P. A.,** Strassberg, Z., & Treboux, D. (1996) Using inside informants: The marital functioning assessment. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Leisring, P. A.,** & O'Leary, S.G. (1996) Knowledge of dysfunctional parenting. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Liu, X. D.,** Treboux, D., Crowell, J. A., & Waters, E. (1996) Do parents and children agree? Relations between parents and adult children reports of marriage. *The XIVth Biennial International Society for the Study of Behavioral Development*. Quebec City, Canada.

- Lord, C., Pan, H.,** Crowell, J., & Waters, E. (1997) Secure Base Behavior in Marital Interactions: Conceptualization, Measurement and Stability. *The biennial meeting of the Society for Research in Child Development*. Washington, D.C.
- Giacobbe-Grieco, T., **Magito McLaughlin, D.**, Tomanelli, P., & **Smith, C.** (1997) The reinforcer assessment project: A method of surveying preferences. *Twentieth Annual Conference of the New York State Association for Community and Residential Agencies*. Bolton Landing, NY.
- Magito McLaughlin, D.** (1996). Advanced topics in applied behavior analysis. Fifteen hour clinical workshop on proactive strategies for preventing severe problem behaviors, highlighting setting event manipulations and antecedent control strategies. Workshop provided to *Nassau Board of Cooperative Educational Services*. Special Education Training and Resource Center, Wantagh, NY.
- Mailloux, Jennifer** and Brener, Jasper. (1996) Cross-validation of the Schandry and Method of Constant Stimuli procedures for assessing heartbeat perception. *Thirty-sixth Annual Meeting of the Society for Psychophysiological Research*. Vancouver, British Columbia, Canada.
- McLaughlin-Volpe, T.**, Aron, A., & Reis, H. (1997) The quality of daily social interactions with members of ethnic outgroups: A diary study. *International Network on Personal relationships 1997 Conference*. Oxford, OH.
- Olmsted, M.** (1997) Marital Relations of Adult Children of Alcoholics: The Impact of Self or Partner Alcoholism. *The biennial meeting of the Society for Research in Child Development*. Washington, D.C.
- Gerrig, R.J., **Ohaeri, J.O.**, & Brennan, S.E. (1996). What do characters know, and when do they know it? *37th Annual Meeting of the Psychonomic Society*. Chicago, Illinois.
- Gao, Y., Crowell, J. A., **Pan, H.**, O' Connor, E., & Waters, E. (1996) Are secure people better care-givers and/or care seekers in marriage? *The XIVth Biennial International Society for the Study of Behavioral Development*. Quebec City, Canada.
- Pan, H.**, Gao, Y., O'Connor, E., Treboux, D., Waters, E., & Crowell, J. A. (1996) An attachment perspective on couples' interactions: Predictions of satisfaction and aggression in marriage. *The XIVth Biennial International Society for the Study of Behavioral Development*. Quebec City, Canada.
- Palmer, S. N.**, Mezzacappa, E. S., Katkin, E. S., **Wiens, S.**, Saunders, C., Hilliard, R., Vincent, R. & Gallagher, R. (1996) Epinephrine, arousal and emotion: A replication of Schachter and Singer's classic experiment. *Society for Psychophysiological Research*. Vancouver, BC, Canada.
- Reid, M.J.**, O'Leary, S.G., & Slep, A.M.S. (1996) Stability of discipline practices of mothers of young children. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Sherrill, J. T., O'Leary, S.G., & **Reid, M.J.** (1996) Inter-parental inconsistency and child behavior problems. *30th Annual Meeting of the Association for the Advancement of Behavior Therapy*. New York, NY.
- Reiff, S., Wiens, S., Schneider, T.**, Mezzacappa, E.S., & Kelsey, R.M. (1996). The ensemble averaged impedance cardiogram: a comparison of scoring methods. *Society for Psychophysiological Research*. Vancouver, BC, Canada.
- Waters, H.S., **Rodrigues, L.M.**, & Ridgeway, D. (1996) Narrative assessment of attachment representations: A cognitive re-analysis. *The biennial meeting of the International Society for the Study of Behavioral Development*. Quebec City, Canada.
- Rodrigues, L.M.** (1997) Differential transfer in repeated narrative production: Conditions for generalized schema abstraction. Paper presented at a Symposium "Recent trends in narrative production." *The biennial meeting of the Society for Research in Child Development*. Washington, DC.
- Sims, Rebecca C.** and Neale, John M. (1996) Self-Awareness of Affective Flattening in Schizophrenia. *11th annual meeting of the Society for Research in Psychopathology*. Atlanta, Georgia.
- Smyth, J.**, Soefer, M., Hurewitz, A., & Stone, A. (1996) The use of intensive daily assessments to monitor asthmatics' response to a tape-recorded relaxation intervention: A pilot study. *Annual Meeting of the American Psychosomatic Society*. Santa Fe, NM.
- Soefer, M., **Smyth, J.**, Hurewitz, A., & Stone, A. (1996) Daily experience and asthma. *Annual Meeting of the American Psychosomatic Society*. Santa Fe, NM.
- Smyth, J.**, Ockenfels, M., **Gorin, A., Catley, D.**, Porter, L., Kirschbaum, C., Hellhammer, D., & Stone, A. (1996) Diurnal cycles of cortisol: Relation to psychosocial factors and upper respiratory symptom report. *Joint meeting of the Society of Behavioral Medicine and the International Congress of Behavioral Medicine*. Washington, DC.
- Smyth, J.** (1996) Written Emotional Expression: A meta-analytic review. *Annual Meeting of the American Psychosomatic Society*. Williamsburg, VA.
- Thompson, Shawn.** (1996) African Self-Consciousness and Health Behaviors among African American College Students. *National Council for Black Studies National Convention*. Gallaudet University, Washington, DC.
- Thompson, Shawn.** (1997) Tungane Pamoja Tutafute Nia Yetu: A Health Education Workshop for Church Organizations. *John Kelly Edwards Institute, Zion Hill Baptist Church*. Camden, AR.
- Thompson, Shawn.** (1997) African Self-Consciousness and African-Centered Activism as Predictors of Health Behaviors. *Society of Behavioral Medicine's Eighteenth Annual Scientific Sessions*, San Francisco, CA.

- Wiens, S.**, Emmerich, D.S., & Katkin, E.S. (1997). Synthetic stimuli attenuate the effect of attention on the dichotic right-ear advantage. *American Psychological Society*. Washington, DC.
- Wiens, S.**, Mezzacappa, E., **Palmer, S.**, Chacko, A., Lingat, M., & Katkin, E. S. (1996) Heartbeat detection and the experience of emotions. *Society for Psychophysiological Research*. Vancouver, BC, Canada.
- Soderlund, K., Colaluca, B., **Wiens, S.**, **Reiff, S.**, **Schneider, T.**, & Kelsey, R.M. (1996). Lateralized control of inotropic and chronotropic cardiac reactivity. *Society for Psychophysiological Research*. Vancouver, BC, Canada.

POST-DOCTORATES OBTAINED AND PROFESSIONAL APPOINTMENTS

- Cano, Annmarie**, (1997-1998). Clinical psychology intern. *US Department of Veterans Affairs*, Syracuse, NY.
- Colon-Downs, Christina**. (1996) Project Coordinator. Stony Brook Relationships Project, Department of Psychology, *SUNY at Stony Brook*, Stony Brook, NY.
- Doolabh, Ajit**. (1997-1998). Clinical psychology intern. *St. Charles Hospital & Rehabilitation Center*, Port Jefferson, NY.
- Drozd, John**. (1997-1998). Clinical psychology intern. *US Department of the Air Force, Andrews, AFB*, Maryland.
- Dusek, Jeffrey**. (1996) Post-doctoral Fellow. Department of Psychology, *Boston University*, Boston, Massachusetts.
- Eitel, Patricia**. (1996) Intramural Research Training Award Fellowship. Prevention Research Branch, *NICHD, NIH*, Bethesda, Maryland.
- Ehrensaft, Miriam**. (1996) Post-doctoral Research Fellow. Department of Child Psychiatry, *Columbia University*, New York, NY.
- Ferro, Tova**. (1996) Post-doctoral Fellow. *NYS Psychiatric Institute, Columbia University*, New York, NY.
- Kirk, Jeffrey**. (1996) NIDA-funded Postdoctoral Fellowship. Department of Psychiatry, *University of Chicago*, Chicago, Illinois.
- Lara, Maria Elena**, (1997-1998). Clinical psychology intern. Department of Psychiatry and Behavioral Science, *University of Washington*, School of Medicine, Seattle, WA.
- Leader, Julie**, (1997-1998). Clinical psychology intern. *US Department of Veterans Affairs*, Palo Alto, CA.
- Levin, Len**. (1996) Director of Support Services. *Alpine Learning Group*, Riveredge, New Jersey.
- Liu, Xiaoqing**. (1996) Post-doctoral Fellow. Department of Psychology, *SUNY at Stony Brook*, Stony Brook, NY.
- Lizardi, Humberto**. (1997-1998). Clinical psychology intern. Montefiore Medical Center, *Albert Einstein College of Medicine*, Bronx, NY.
- Nayak, Sangeetha**. (1996) Research Scientist. *Kessler Institute for Rehabilitation*, W. Orange, New Jersey.
- Norden, Kimberly**. (1996) Clinical psychologist. *Acadia Clinic*, Milwaukee, Wisconsin.
- Porter, Laura**. (1996) Post-doctoral Fellow. Department of Psychology, *University of North Carolina*, Chapel Hill, North Carolina.
- Putman, Katherine**. (1996) Post-doctoral Fellow in Neuroscience. *Hillside Hospital, LIIMC*, Glen Oaks, NY.
- Reeve, Christine**. Psychological consultant. *Outreach Department, Community Services*, Butner, North Carolina.
- Schlee, Karin**. (1997-1998). Clinical psychology intern. *Department of Psychiatry and Behavioral Sciences, Medical University of South Carolina*, Charleston, SC.
- Sheedy, Collette** (1996) Research Post-doctoral Fellow. Walthers Cancer Institute, Department of Psychology, *Indiana State University*, Terre Haute, Indiana.
- Vakoch, Douglas**. (1996) NIMH Postdoctoral Fellow. Center for Psychotherapy Research, Department of Psychology, *Vanderbilt University*, Nashville, Tennessee.
- Wurm, Lee**. (1996) Postdoctoral Research Fellow. *Binghamton University*, Binghamton, NY.
- Zevenbergen, Andrea**. (1996) Assistant Professor. Department of Psychology, *University of North Dakota*, Grand Forks, North Dakota.

SOCIOLOGY

Graduate Director: Ivan Chase

Department Chair: Andrea Tyree

GRANTS, FELLOWSHIPS AND AWARDS

- Aguilera, Michael.** (1997) W. Burghardt Turner Summer Research Fellowship, \$2,300. *State University of New York at Stony Brook*, Stony Brook, New York.
- Andrews, Kenneth.** (1996) Doctoral Dissertation Improvement Grant, \$7,446. *National Science Foundation*, Washington, D.C.
- Andrews, Kenneth.** (1997) University Affairs Graduate Fellowship Award in the Humanities and Social Sciences, \$1,000. *State University of New York at Stony Brook*, Stony Brook, New York.
- Andrews, Kenneth.** (1997) Mildred and Herbert Weisinger Fellowship Award, \$1,000. *State University of New York at Stony Brook*, Stony Brook, New York.
- Kahn, Lisa.** (1997) Madeline Fusco Fellowship Award, \$1,000. *State University of New York at Stony Brook*, Stony Brook, New York.
- Kogacioglu, Dicle.** (1997) Humanities Institute Grant for the Summer School of Criticism and Theory at Cornell University, \$2,350. *Humanities Institute at the State University of New York at Stony Brook*, Stony Brook, New York.
- Linders, Annulla.** (1997) Finalist, Charlotte Newcombe Dissertation Fellowship. *The Woodrow Wilson National Fellowship Foundation*, Princeton, New Jersey.
- Manolakes, Lucinda.** (1996-1997) University Teaching Fellowship, \$15,858. *State University of New York at Stony Brook*, Stony Brook, New York.
- Phillip-Evans, Vera.** (1997) W. Burghardt Turner Summer Research Fellowship, \$500. *State University of New York at Stony Brook*, Stony Brook, New York.
- Pugliani, Patricia.** (1996-1997) Dissertation Fellowship, Social Science Research Council, \$34,000. *Social Science Research Council*, New York, New York.
- Trillo, Alexander.** (1996-1997) Minority Fellowship, \$10,000. *American Sociological Association/National Institute of Mental Health*, Washington, D.C.

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Andrews, Kenneth.** (in press) The Impacts of Social Movements on the Political Process: The Civil Rights Movement and Black Electoral Politics in Mississippi. *American Sociological Review*.
- Irvine, Leslie J.** (1997) A "Consensual" Relationship. *Sexual Harassment on Campus: A Guide for Administrators, Faculty, and Students*. R. Shoop and B. Sandler, eds. Needham Heights, MA: Allyn & Bacon.
- Irvine, Leslie J.** (1996) Review, *A Disease of One's Own* and *The Culture of Recovery*. *Contemporary Sociology* 25: 721-722.
- Manolakes, Lucinda.** (1997) Cognitive Ability, Environmental Factors and Crime: Predicting Frequent Criminal Activity. *Intelligence and Success: Is it all in the Genes? Scientists Respond to the Bell Curve*. B. Devlin, S. Fienberg, D. Resnick, and K. Roeder, Eds. New York: Springer-Verlag Press.
- Plante, Rebecca.** (in press) Sexuality and Subversion: University Peer Sexuality Educators and the Possibilities for Change. *A Dangerous Knowing: Sexual Pedagogies and the Master Narrative*. J. T. Sears and D. Epstein, Eds. London: Cassell.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

- Huddy, L., Billig, J., Bracciodieta, J., **Hoeffler, Lois, Moynihan, P.,** and **Pugliani, P.** (in press) The Effect of Interviewer Gender on the Survey Response. *Political Behavior*.
- Bogard, C. and **McConnell, J. Jeff.** (1997) Rhetoric, Recision, and Reaction: The Development of Homeless Policy and the Clinton Administration Response. *Social Policy and the Conservative Agenda*. C. Lo and M. Schwartz, Eds. Cambridge, MA: Blackwell.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

- Aguilera, Michael.** (1997) The Social Embedddness of Earnings Among Legalized Immigrants: Human Capital Versus Social Structural Explanations of Income Attainment. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Andrews, Kenneth.** (1996) The Impacts of Social Movements on the Political Process: A Study of the Civil Rights Movement and Black Electoral Politics in Mississippi. *91st Annual Meeting of the American Sociological Association*. New York, New York.
- Carson, Patricia.** (1997) Women's Fear of Rape: An Inquiry into the Complications of Race/Ethnicity and Social Class. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Childress, Caroline.** (1997) Deindustrialization and the Older Worker in a Local Economy: Insights from a Government Funded Retraining Program. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Cullen, Pauline.** (1997) Protective Legislation and Equal Treatment - America and Europe - A Comparatively Informed Analysis of the Liberal Model of Equality. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Heller, Jacob.** (1997) Fetal Rights and Women's Health: Rubella Vaccine and Medical Policy-Making. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Heller, Jacob.** (1997) Medical Policy Between Core and Periphery: Legal, Cultural, and Ideological Constraints on HIV/AIDS Vaccine Development. *Sixth International Conference of the GASI*. Montreal, Quebec, Canada.
- Kaufman, Peter.** (1996) Sociology Through Contemporary Literature. *91st Annual Meeting of the American Sociological Association*. New York, New York.
- Kaufman, Peter.** (1997) Is Calling Cheating Cheating Cheating? An Epistemological Examination of Academic Misconduct. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Kogacioglu, Dicle.** (1997) The Legal Regulation of the New Reproductive Technologies: Some Critical Concerns. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Linders, Annulla.** (1997) Population Crisis and Abortion Policy: "Opposite" Political Responses in Sweden and the United States. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Linders, Annulla.** (1997) Democracy and Capital Punishment: A Problem and a Paradox. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Manolakes, Lucinda.** (1997) Cognitive Ability, Environmental Factors and Crime: A Critique of Herrnsteing and Murray's Model Predicting Frequent Criminal Activity. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Moynihan, Patrick.** (1997) The Assumption of Form-Resistant Correlations and HIV/AIDS-related Knowledge. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Plante, Rebecca.** (1996) Discussant. Social Psychology, Sexual Deviance sessions. *Southern Sociological Society Meetings*. Richmond, Virginia.
- Pugliani, Patricia, Moynihan, P., and Gagnon, J. H.** (1997) Who Knows People with AIDS? *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Rawlins, Roblyn.** (1997) The Politics of Intellectuals: Issue Positions and Their Bases Among Occupationally Defined U.S. Intellectuals. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.
- Sievers, Sylvia.** (1996) The Social Construction of the Skinhead Movement: Mass Media, Public Opinion, and Law. *Law and Society Association and Research Committee on the Sociology of Law of the International Sociological Association Joint Meetings*. University of Strathclyde, Glasgow, Scotland.
- Sievers, Sylvia.** (1997) The Social Construction of Skinhead Identity. *Law and Society Association Annual Meeting*. St. Louis, Missouri.
- Trillo, Alexander.** (1997) Incarceration and Family Homelessness. *67th Annual Meeting of the Eastern Sociological Society*. Baltimore, Maryland.

MEMBERSHIP APPOINTMENTS

- Linders, Annulla.** (1996) Member, Panel of Experts. Contract review for Substance Abuse and Mental Health Services Administration (SAMSHA), *United States Department of Health and Human Services*, Washington, D.C.

POST-DOCTORATES OBTAINED and PROFESSIONAL APPOINTMENTS

- Hopkins, Ellen.** (1996-1997) Assistant Director. Academic Advising Center, *State University of New York at Stony Brook*, Stony Brook, New York.
- Irvine, Leslie.** (1996-1997) Visiting Lecturer. Department of Sociology, *Wesleyan University*, Middletown, Connecticut.
- Linders, Annulla.** (1996-1997) Project Director. Influences on the Career Choices of High Achieving Minority Group College

Students. Department of Sociology, *State University of New York at Stony Brook*, Stony Brook, New York.

Plante, Rebecca. (1996-1997) Adjunct Instructor. Department of Sociology, *University of New Hampshire*, Durham, New Hampshire.

Scott, Megan. (1996-1997) Post-doctoral Fellow. Institute for Health, Health Care Policy, and Aging, *Rutgers University*, New Brunswick, New Jersey.

Werring, Edward. (1996-1997) Assistant Professor and Chair. Undeclared Major Department, *State University of New York at Farmingdale*, Farmingdale, New York.

TECHNOLOGY AND SOCIETY

Graduate Director: Sheldon Reaven

Department Chair: Thomas Liao

SINGLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Shea, Kevin. (in press) *Digital Literacy*, by Paul Gilster. *Journal of Educational Technology Systems* 26.

Reagan-Redko, Rita. (in press) *The Hubble Library of Electronic Picture Books*, by EXINED Corporation. *Journal of Educational Technology Systems* 26.

JOINTLY AUTHORED PUBLICATIONS/RESEARCH REPORTS/REVIEWS

Pansoy-Hjelvik, M.E., B.A. Strietelmeier, M.T. Paffet, S.M. Kitten, P.A. Leonard, M. Dunn, **J.B. Gillow**, C.J. Dodge, R. Villareal, J.R. Triay, and A.J. Francis. (1996) Enumeration of Microbial Populations in Radioactive Environments by Epifluorescence Microscopy. *Scientific Basis for Nuclear Waste Management XX, Materials Research Society* 465.

Francis, A.J., **J.B. Gillow**, and M.R. Giles. (1997). Microbial Gas Generation Under Expected Waste Isolation Pilot Plant Repository Conditions. *SAND 96: 2582*.

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Gillow, J., Strietelmeier, B., Dodge, C., Mantione, K., Dunn, M., Francis, A., Pansoy-Hjelvik, M., Kraus, S., Triay, I., and Papenguth, H. (1996) Microbe-Actinide Association in Brine Under Waster Isolation Pilot Plant (WIPP) Repository Test conditions. *American Chemical Society National Meeting*. Orlando, Florida.

Strietelmeier, B., **Gillow, J.**, Dodge, C., Pansoy-Hjelvik, M., Kraus, S., Leonard, P., and Triay, I. (1996) Toxicity of Actinides to Bacterial Strains Isolated from the WIPP Environment. *American Chemical Society National Meeting*, Orlando, Florida.

INTERNSHIPS

Siegel, Paul. (1997) Intern. *U.S. Environmental Protection Agency, New York State Department of Environmental Conservation with Suffolk County Water Authority*. Suffolk County, New York.

THEATRE ARTS

Graduate Director: John Cameron

Department Chair: John Lutterbie

GRANTS, FELLOWSHIPS, AND AWARDS

Espada-Santos, Margarita. (1996) Excellent Artist Awards. *National Endowment for the Arts and Puerto Rican Cultural Intstitute.* San Juan. Puerto Rico.

Espada-Santos, Margarita. (1997) Summer Awards. W. Burghardt Turner Fellowship. *State University of New York at Stony Brook.* Stony Brook, New York.

ABSTRACTS, CONFERENCES, PRESENTATIONS, SYMPOSIA, WORKSHOPS

Espada-Santos, Margarita. (1996) El Futuro del Teatro Alternativo en Puerto Rico. *Proyecto Rockefeller Caribe 2000 and National Endowment for the Arts.* Universidad de Puerto Rico. Rio Piedras, Puerto Rico.

Espada-Santos, Margarita. (1996) Theatre Anthropology: The Actor Dramaturgy, An insider's look at the Theatre of Eugenio Barba. *State University of New York at Stony Brook.* Stony Brook, New York.

EXHIBITIONS/PERFORMANCES

Espada-Santos, Margarita (1996) Whiskeyville Production. *State University of New York at Stony Brook,* Stony Brook, New York.

Espada-Santos, Margarita (1997) Breaking Personas. *Student Arts Festival. State University of New York at Stony Brook.* Stony Brook, New York.

Quinlan, Jason. (1997) Breaking Personas: A Theater Movement Exploration. Director/Performer. *Theater Arts Department,* Stony Brook, NY.

PROFESIONAL APPOINTMENTS

Espada-Santos, Margarita. (1996) Intern. *Yuyachkani Cultural Group.* Lima, Peru.

Espada-Santos, Margarita. (1997) *VII Festival Internacional de Arte de Cali and EITALC.* Cali, Colombia.

Espada-Santos, Margarita. (1997) Intern. *Ecole Internationale de Theatre Jacques Lecoq.* Paris, France.

Quinlan, Jason. (1997) Assistant to the Dramaturg. *The Gertrude Stein Repertory Theatre.* New York, NY.

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