

GREETINGS FROM THE DEAN

We began to compile a record of the achievements of Stony Brook's graduate Students in 1991 and have published an issue each academic year since then. This issue covers the 1997-1998 academic year.

The accomplishments of Stony Brook's graduate students are quite extraordinary. They include winning numerous, prestigious, national and international fellowships and research grants. Our students have also established an impressive presence in the literatures of their disciplines with publications in many of the best scholarly journals and books. They have achieved recognition in the creative arts with acclaimed exhibitions and performances. Stony Brook's graduate students also won awards for their excellence as teachers. Our students participate fully in the intellectual activities of their field of scholarship by participation in conferences and workshops. Finally, graduates of Stony Brook's programs leave us to take up a wide variety of professional appointments. Many of these are 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

ACKNOWLEDGEMENTS

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

- **On the Cover**

Epamenondas' Quilt (mixed media, oil and paper) by Kristen Brown

Kristen Brown is a graduate student in the Master of Fine Arts program and the winner of the 1998 Dorothy L. Pieper Memorial Purchase Prize.

- **Cover design:** Kristen Brown and Chi-she Li

- **Editing and Typesetting:** Chi-she Li

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GRADAUTE PROGRAMS

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

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

❖ **HEALTH TECHNOLOGY AND MANAGEMENT**, Dean: Lorna McBarnette

Social Welfare

❖ **COLLEGE OF ARTS AND SCIENCES**, Dean: Paul Armstrong

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

❖ **COLLEGE OF ENGINEERING AND APPLIED SCIENCES**, Dean: Yacov Shamash

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

❖ **MARINE SCIENCES RESEARCH CENTER**, Dean: Marvin Geller

Marine Sciences

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

THE 1998 GRADUATE AWARDS

❖ President's Award For Excellence in Teaching

This award is made in recognition of excellence in teaching by graduate students. The name of each recipient will be inscribed on Stony Brook's Roll of Recognition for Teaching Excellence.

Maryellen Hamilton	<i>Psychology</i>
Peter Kaufman	<i>Sociology</i>
Michelle Kees	<i>Psychology</i>
Jason McNellis	<i>Ecology and Evolution</i>
Michael Sanders	<i>Philosophy</i>
Henry J. White	<i>Materials Science and Engineering</i>

❖ President's Award to Distinguished Doctoral Students

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

Christopher Lowe	<i>Ecology and Evolution</i>
Shinchun Qu	<i>Materials Science and Engineering</i>
Sanjay Reddy	<i>Physics and Astronomy</i>
John Simsarian	<i>Physics and Astronomy</i>
David Strait	<i>Anthropology</i>
Shan-Ho Tsai	<i>Physics and Astronomy</i>

❖ **Dorothy L. Pieper Memorial Purchase Prize**

This award is presented to a student in the Master of Fine Arts Program for an outstanding work of visual art. The work winning the Pieper Prize appears on the cover of the Graduate Student Achievements for the corresponding academic year.

Kristen Brown *Art*

❖ **The Madeline Fusco Fellowship**

This fellowship is awarded to a woman or minority doctoral student completing a dissertation.

Maryellen Hamilton *Psychology*
Soraya Villalba *Ecology and Evolution*
Ann Marie Yali *Psychology*

❖ **The Madeline Fusco Women’s Fellowship**

This fellowship is awarded to a woman doctoral student completing a dissertation.

Kamla Ahluwalia *Anthropology*
Lisa Barg *Music*
Amanda Frisken *History*
Celian Schoenbach *Philosophy*

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

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

Bram Briggance *Philosophy*
Maryellen Hamilton *Psychology*

ANATOMICAL SCIENCES

GRADUATE DIRECTOR: BRIGITTE DEMES

DEPARTMENT CHAIR: JACK STERN

❖ Grants, Fellowships and Awards

Curry, Kristina E A. (1997) The Bryan Patterson Award for Paleontology. *Society of Vertebrate Paleontology*, Chicago, Illinois.

Dougherty, Doug A. (1977) Student Fellowship Award, Education and Research Foundation of the Society of Nuclear Medicine. *The Society of Nuclear Medicine*, Chicago, Illinois.

❖ Singly Authored Publications/Research Reports/Reviews

Curry, Kristina A. (1997) Vertebrate fossils from the Ankazomihaboka Formation, Mahajanga Basin, Madagascar. *Journal of Vertebrate Paleontology*, 16:40A.

❖ Jointly Authored Publications/Research Reports/Reviews

Dougherty, D., Hsiao, I. T., Wang, W., and Gindi, G. R. (in press) Computerized Biological Brain Phantom for Evaluation of PET and SPECT Reconstruction. *EEE Transactions in Nuclear Science*.

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

Curry, Kristina A. (1997) Vertebrate fossils from the Ankazomihaboka Formation, Mahajanga Basin, Madagascar. *Society of Vertebrate Paleontology*, Chicago Illinois.

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

Dougherty, D., Hsiao, I. T., Wang, W., and Gindi, G. (1998) Autoradiographic Brain Phantom for Evaluation of Partial-Volume Correction in PET and SPECT. *Society of Nuclear Medicine 45th Annual Meeting*, Toronto, Canada.

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: FRED GRINE

DEPARTMENT CHAIR: WILLIAM ARENS

❖ Grants, Fellowships and Awards

- Ahluwalia, Kamla.** (1997) "Gross Morphology and Bone Density Patterns in the Knees of Catarrhine Primates with Differing Locomotor Behaviors" (11,701.00) Doctoral Dissertation Improvement Grant from the *National Science Foundation*.
- Ahluwalia, Kamla.** (1997) "Gross Morphology and Bone Density Patterns in the Knees of Catarrhine Primates" (5,281.00). General grant from the *Leakey Foundation*.
- Ahluwalia, Kamla.** (1997) "Patterns of bone density and loading in the knee joint: A comparison between humans and gorillas" (175.00). Travel Award from *Sigma Xi* to attend the Annual Meeting of the American Association of Physical Anthropologists.
- Asher, Robert J.** *National Science Foundation* Dissertation Improvement Grant, \$7800.
- Asher, Robert J.** *Deutscher Akademischer Austauschdienst* Grant, monthly stipend and travel award to study in Tuebingen, Germany.
- Asher, Robert J.** Research Grant, \$1800. *Geological Society of America*.
- Asher, Robert J.** T. Roosevelt Research Grant, \$1000. *American Museum of Natural History*.
- Asher, Robert J.** Research Grant, \$500. *Paleontological Research Institute*, Ithaca, NY.
- Davis, Zachary.** (1997) *Sigma Xi* Travel Grant, \$100. *Sigma Xi* chapter of State University of New York at Stony Brook, NY.
- Lague, Michael.** (1997) Doctoral Dissertation Improvement Grant: Patterns of Sexual Dimorphism in the Limb Joint Surfaces of Catarrhine Primates, \$11,206, *National Science Foundation*, Washington, D. C.
- Polk, John.** (1997) The Influence of Body Size and Body Proportions on Primate Quadrupedal Locomotion, \$7829. *L. S. B. Leakey Foundation*, San Francisco, CA.
- West, Mireya.** (1997) *National Science Foundation* Graduate Fellowship, \$15,000.00. *National Science Foundation*, Arlington, VA.
- West, Mireya.** (1997) Mentoring Assistantship for Minorities, \$5,000.00. *National Science Foundation*, Arlington, VA.
- West, Mireya.** (1997) Grant-in-Aid of Research, \$600.00. *Sigma Xi*, The Scientific Research Society, Research Triangle Park, NC.
- West, Mireya.** (1998) W. Burghardt Turner Fellowship, \$14,000.00. *State University of New York at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Asher, R. J.** (1998) Morphological diversity of anatomical strepsirrhinism and the evolution of the lemuriform toothcomb. *American Journal of Physical Anthropology*, 105: 356-367.
- Asher, R. J.** (in press) The Insectivora and Other Small Mammals of the Tertiary, in R. Singer and M. Diamond, eds., *Encyclopedia of Paleontology*, Fitzroy-Dearborn Publishers, Chicago. IL.

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

Davis, Zachary and John Shea. (in press) Quantifying lithic curation: an experimental test of Dibble and Pelcin's original flake-tool mass predictor. *Journal of Archaeological Science*.

Polk, John, Chen, Xingbin. MacLatchy, Laura. (1998) A comparison of EMG- and optimization-based estimates of hip abductor muscle forces during level walking. *American Journal of Physical Anthropology Supplement*, 28:179.

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

Ahluwalia, Kamla. (1998) "Gross morphology and bone density patterns in the knee joint of arboreal quadrupeds," *Annual Meeting of the American Association of Physical Anthropologists*, St. Louis, Missouri.

Asher, R. J. (in press) Phylogeny of New World zalambdodont insectivorans (Lipotyphla, Mammalia): biogeographic implications. *Cladistics (16th annual meetings of the Willi Hennig Society, Washington, DC)*.

Asher, R. J. and M. C. McKenna. (1997) Relevance of Tertiary North American insectivorans to Caribbean biogeography. *Journal of Vertebrate Paleontology*, 17(3): 30A. *57th annual meetings of the Society of Vertebrate Paleontology*, Chicago, IL

Davis, Zachary and Jay D. Franklin. (1998) Refitting Studies in New and Old World Lithic Analyses. Symposium organized for the *63rd Annual Meeting of the Society for American Archaeology*. Seattle, WA.

Davis, Zachary. (1998) The Analytical Potential of Refitting Studies: History and Synthesis of Applications. *The 63rd Annual Meeting of the Society for American Archaeology*, Seattle, WA.

Merwin, Daria and Bernstein, David. (1998) A Modest Living in East Hampton, New York: Results of Preliminary Investigations at the Bianco Site. *Society for Historical Archaeology Conference on Historical and Underwater Archaeology*. Atlanta, Georgia.

Lague, Michael. (1997) Patterns of sexual dimorphism in the hominoid distal humerus. *66th Annual Meeting of the American Association of Physical Anthropologists*, St. Louis, Missouri.

Polk, John, Chen, Xingbin. MacLatchy, Laura. (1998) A comparison of EMG- and optimization-based estimates of hip abductor muscle forces during level walking. *67th Annual Meeting of the American Association of Physical Anthropologists*. Salt Lake City, UT.

APPLIED MATHEMATICS AND STATISTICS

GRADUATE DIRECTOR: WOO JONG KIM

DEPARTMENT CHAIR: JAMES GLIMM

❖ Jointly Authored Publications/Research Reports/Reviews

- Ahn, H., Zhu, W., **Yang, J.**, Kodell, R. L. (1998) Efficient Designs for Animal Carcinogenicity Experiments. *Communications in Statistics - Theory and Methods*, p27.
- Glimm, J., Simanca, S. R., Tan, D., Tangerman, F. M., **VanderWoude, G.** (in press) Front Tracking Simulations of Ion Deposition and Resputtering. *Siam Journal for Scientific Computing*.
- Finch, S. J., Chen, J. B., **Hall, M.**, Matkovich, V., Wenz, B., Brandwein, H., Whitbread, J. (in press) Process Control Procedures to Augment Quality Control of Leuko-Reduced Red Blood Products. *Statistics in Medicine*.
- Tewarson, R. P., **Marcano, M.** (1997) Use of Weighted Generalized Inverses in a Renal Optimization Problem. *Inverse Problems in Engineering*, Vol. (5):pp 1-9.
- Tewarson, R. P., Toro, W., **Marcano, M.** (1998) Preferential Interaction and Inverse Problem Algorithms in Models of Renal Concentrating Mechanism. *Applied Mathematical Letters*, Vol. (11):issue 3.
- Sun, K., **Moon, I. H.**, Tewarson, R. P., Stephenson, J. L. (1997) Parallel Algorithms for Multi-Nephron Renal Medullary Models. *Computers and Math*, Vol. (33):pp 37-45.
- Tewarson, R. P., **Moon, I. H.** (1997) Renal Concentrating Mechanism: Central Core and Vasa Recta Models. *Applied Mathematical Letters*, Vol. (10):pp 39-44.
- Moon, I. H.**, Tewarson, R. P. (in press) Numerical Solutions of Differential Equations for Renal Concentrating Mechanism in Inner Medullary Vasa Recta Models. *Computers Math Applications*.
- Tewarson, R. P., **Toro, W.**, Marcano, M. (1998) Preferential Interaction and Inverse Problem Algorithms in Models of Renal Concentration Mechanism. *Applied Mathematical Letters*, Vol. (11): issue 3.

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

- Ahn, H., Kodell, R. L. **Moon, H.**, Zhang, Y. (1998) Estimating Time to Onset of Occult Tumors in the Absence of Cause-of-Death Information. *The Biometric Society Eastern North American Region Spring Meetings*, Pittsburgh, Pennsylvania.

ART HISTORY AND CRITICISM/STUDIO ART

GRADUATE DIRECTOR: BARARA FRANK

DEPARTMENT CHAIR: JAMES RUBIN

❖ Grants, Fellowships and Awards

Brown, Kristen Mara. (1997) Peter Van Roy Ceramic Art Award, \$200. *State University of New York at Stony Brook.*

Brown, Kristen Mara. (1998) The Dorothy Pieper Memorial Purchase Award, \$1,000. *State University of New York at Stony Brook.*

Neblett, Marcia. (1998) Full Scholarship/Teaching Assistant, Printmaking. *Haystack Mountain School of Crafts, Deer Isle, ME, USA.*

Neblett, Marcia. (1997) Goldberger Fellowship, *State University of New York at Stony Brook, Stony Brook.*

Somers, Lynn. (1997-98) Goldberger Fellowship. Art Department, *State University of New York at Stony Brook.*

❖ Singly Authored Publications/Research Reports/Reviews

Cutler, Jody. (1998) "Manet to Manet and Back Again: Modern Painting according to Michael Fried," *Art Criticism*, Vol. 12/No. 2 : 89-112.

Winkenweder, Brian. (In press) "Pitching Charrettes: Architectural Experimentation in the 1990s," *Art Criticism*, Vol. 13. 1.

❖ Jointly Authored Publications/Research Reports/Reviews

Brown, Kristen Mara and Salvatore, Nina. (in press) Trends in Computer and Technological Art in the 1990's. *Art Criticism*. Vol. 13 no. 2.

Brown, Kristen Mara and **Salvatore, Nina.** (in press) Trends in Computer and Technological Art in the 1990's. *Art Criticism*. Vol. 13 no. 2.

Somers, Lynn. (in press) From Corporeal Bodies to Mechanical Machines: Navigating the Spectacle of American Installation in the 1990s. *Art Criticism*, Vol. 13 no. 2.

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

Somers, Lynn. (1998) The Dangers and Pleasures of Bodies at Risk: (Feminist) Performance and Sadomasochism. *The Aesthetics of Enchantment Conference*. International Society of Phenomenology, Aesthetics and the Fine Arts. Harvard Divinity School. Cambridge, MA.

Somers, Lynn. (1998) The Body and the Text: Ann Hamilton's *Jouissance*. Terrains: *Landscapes/Bodyscapes graduate Student Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Winkenweder, Brian. (1998) "Cezanne's Superego and the Iconography of his Paternal Portraits," *The International Association of Philosophy and Literature 22nd Annual Conference*. University of California, Irvine, California.

❖ Exhibitions

- Avery, Bluewater.** (1998) "Sex, Drugs and Rock n Roll, I've got nothing but time," Feats of Clay XI. Group Juried Competition. Accepted to competition. *College Art Association*. Lincoln, CA.
- Avery, Bluewater.** (1997) "Violet Shroud," MFA Show of *New York Schools at Hunter College*, New York, NY.
- Avery, Bluewater.** (1998) "Destroy All Building Access," MFA Show at *Frank Melville Memorial Gallery*, Solo Exhibition, Stony Brook, NY.
- Avery, Bluewater.** "Siddhartha," "Angers Enlightenment," Ceramic Show at *the Union Gallery*. Stony Brook, NY.
- Brown, Kristen Mara.** (solo, 1998) New Runestones. *Frank Melville Jr. Memorial Library Gallery*, State University of New York, Stony Brook, NY.
- Brown, Kristen Mara.** (group, 1997) 22nd Juried Fine Arts Competition. *Smithtown Arts Council*, Mills Pond House, St. James, N. Y.
- Brown, Kristen Mara.** (group, 1997) Eight Directions: Faculty Ceramics 1997, *Stony Brook Union Art Gallery*, Stony Brook, NY.
- Brown, Kristen Mara.** (solo, 1997) Oceanography, Art, and Evolution. Artists Lecture and Exhibition, *Studio 703*, Port Jefferson, NY. Sponsored by the Long Island Chapter of the Women's Aquatic Network.
- Brown, Kristen Mara.** (group, 1997) All Creatures Great and Small, *Studio 703*, Port Jefferson, NY.
- Brown, Kristen Mara.** (group, 1997) The Altered Image, *Islip Art Museum*, East Islip, NY.
- Brown, Kristen Mara.** (group, 1997) Seeking Silver, 25th Anniversary Juried Exhibition, *Smithtown Arts Council*, Mills Pond House, St. James, NY.
- Godeke, Jason.** (1998) New Paintings, *RB Stevenson Gallery*, La Jolla, CA, USA.
- Neblett, Marcia.** (1998) "Artist's Books." February 3-27. *Milliken Gallery*. Group Exhibition, 14 artists," Converse College, Spartanburg.
- Neblett, Marcia.** (1998) "Small Works" February 26-March 19. *Gaddis Geeslin Gallery*, Dept. of Art. Group Exhibition, 20 artists. (Juried by Donald Kuspit). Sam Houston State University, Huntsville, TX.
- Neblett, Marcia.** (1998) "Issues of Guilt,". February 20-March 12. A National Group Exhibition and "Artists' Talk," 28 artists. (Juried by Donna Stackhouse). Raritan Valley Community College, Somerville, NJ
- Neblett, Marcia.** (1998) "International Juried Show, 1998," *New Jersey Center for Visual Arts*, Summit, NJ (curated by Nan Rosenthal).

❖ Professional Appointment

- Somas, Lynn.** (1998) Business Editor. *Art Criticism*, Art Department, State University of New York at Stony Brook, Stony Brook, NY.

BIOMEDICAL ENGINEERING

GRADUATE PROGRAM DIRECTOR: CLINTON T. RUBIN

CURRICULUM DIRECTOR: KENNETH J. MCLEOD

❖ Jointly Authored Publications/Research Reports/Reviews

Dougherty, D. A., Hsiao, I.T., Wang, W. & Gindi, G.R. (1998) Computerized Biological Brain Phantom for Evaluation of PET and SPECT Reconstruction. *IEEE Trans. in Nuclear Science* 45(3):1238-1243.

Gindi, G., **Dougherty, D. A.**, Hsiao, I. & Rangarajan, A. (1997) Autoradiographic -based phantoms for emission tomography. *Proc. SPIE Medical Imaging* 3034:403-414. Ed. K. Hanson.

Miao, J., Sayre, D., Chapman, H. N. (1998) Phase retrieval from the magnitude of the Fourier Transform of non-periodic objects. *J. Opt. Soc. Am. A* 15:1662-1669.

Miao, J., Chapman, H. N., Sayre, D. (1997) Image reconstruction from the oversampled diffraction pattern. *Microscopy and Microanalysis* 3 (supplement 2):1155-1156.

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

Dougherty, D. A., Hsiao, I.T., Wang, W. & Gindi, G.R. (1998) Autoradiographic Brain Phantom for Evaluation of Partial-Volume Correction in PET and SPECT. *Society of Nuclear Medicine 45th Annual Meeting*, Toronto, Canada.

Dougherty, D. A., Nissanov, J. & Gindi, G.R. (1998) Autoradiographic-Based Rat Brain Phantom for Emission Tomography. *IEEE Nuclear Science Symposium and Medical Imaging Conference*, Toronto, Canada.

Lin, W., Rubin, C.T. & McLeod, K.J. (1997) Chaotic analysis of in vivo strain data of sheep tibia. *Ann. Biomedical Engineering* 25(1):473.

Lin, W., Gray, J., Qin, YX, McLeod, K.J. & Rubin, C.T. (in press) Assessment of different bone strength using ultrasound attenuation. *Biomedical Engineering Society Meeting*.

Lin, W. and McLeod, K.J. (1998) Chaotic analysis of human postural sway. *Trans. Soc. for Chaos Theory in Psychology & Life Sciences*.

Rafailovich, M., Sokolov, J., Ou, S., Ge, S., Peiffer, D., Li, Z., Dias, J., McElrath, K.O. & **Zhang, Y.** (in press) Interfacial properties of BIMS and Polybutadiene. *ACS Rubber Division Conference Proceedings*.

CELLULAR AND DEVELOPMENTAL BIOLOGY

GRADUATE DIRECTOR: JAMES QUIGLEY
DEPARTMENTAL CHAIR: WILLIAM LENNARZ

❖ Grants, Fellowships and Awards

- Horb, Marko.** (1997) *Sigma Xi* Excellence in Research Award, Stony Brook Chapter.
Kramer, Sunita G. (1997) Travel Award, *Society for Developmental Biology*.

❖ Jointly Authored Publications/Research Reports/Reviews

- 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, 1689-1709.
- Tracey, W. D., Pepling, M. E., **Horb, M. E.**, Thomsen, G. H. and Gergen, J. P. (1998) A *Xenopus* Homologue of *aml-1* Reveals Unexpected Patterning Mechanisms Leading to the Formation of Embryonic Blood. *Development* 125, 1371-1380.
- Just, Margaret**, and Lennarz, W. J. (1997) Re-examination of the Sequence of the Sea Urchin Egg Receptor for Sperm: Implications with Respect to its Properties. *Devel. Bio.* 184, 25-30.
- Just, M. L.**, Kitazume, S., Dhume, S. T. and Lennarz, W. J. (1997) Studies on the Role of the Polypeptide and Oligosaccharide Chains of the Sea Urchin Egg Receptor in Sperm Binding. *Current Advances in Andrology proceedings of the Vith International Congress of Andrology*. Eds. Waites, G. M. H., Frick, and J. Baker, G. W. H., Monduzzi Editore S. p. A., Bologna, Italy.
- Mecenas, Peter E.**, Tsirka, S. E., Salles, F. and Strickland, S. (1997) Removal of Tissue Plasminogen Activator Does Not Protect against Neuronal Degeneration in the Cerebellum of the *Weaver* Mouse. *Brain Res.* 772, 233-238.
- Sibon, O. C. M., **Stevenson, Victoria A.**, and Theurkauf, W. E. (1997) DNA-replication Checkpoint Control at the *Drosophila* Midblastula Transition. *Nature*, 388, 93-97.

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

- Huggins, Luke G.** (1997) The Role of Sea Urchin Bone Morphogenic Protein-1, a BMP-1/Tolloid Homologue, in *S. purpuratus* Development and spiculogenesis. *Developmental Biology of the Sea Urchin XI*. September 10-14. Woods Hole, MA.
- Huggins, Luke G.** (1997) The Role of Sea Urchin Bone Morphogenic Protein-1, a BMP-1/Tolloid Homologue, in *S. purpuratus* Development and Spiculogenesis. Invited seminar, October 20. *Albright College*, Reading, PA.
- Huggins, Luke G.** (1997) The Role of Sea Urchin Tolloid in *S. purpuratus* Embryonic Development. Invited seminar, February 12. *South Hampton College, Long Island University*, South Hampton, NY.
- Just, Margaret.** (1997) Egg Cell Surface Molecules Developmental Biology of the Sea Urchin XI, Plenary Session Talk, Woods Hole, MA.
- Hirohashi, N., **Just, Margaret** and Lennarz, W. J. (1997) Multiple Steps in Gamete Interaction Leading to Fertilization. *Japanese Society of Cellular Biology Meeting*, Japan.
- Gong, H., Hirohashi, N., **Just, Margaret**, Stears, R. L., Tian, J. and Lennarz, W. J. (1997) Studies on Gamete Binding in the Sea Urchin and the Frog. *International Symposia on Molecular and Cellular Biology of Egg and Embryo Coats*, Sapporo, Japan.
- Kramer, Sunita G.** and Gergen, J. P. (1997) The role of Runt-DNA Interaction in the Regulation of Target Genes in

Drosophila. Poster Presentation at the 38th Annual *Drosophila* Research Conference, Chicago, IL.

Kramer, S. G. and Gergen, J. P. (1997) The Role of Runt-DNA Interaction in the Regulation of Target Genes in *Drosophila*. Poster Presentation. *The 13th International Congress of Developmental Biology*, Snowbird, IL.

Mecenas, Peter E., Tsirka, S. E., Salles, F. and Strickland, S. (1997) Tissue Plasminogen Activator Deficiency Does Not Protect against Neuronal Degeneration in the Cerebellum of the *Weaver* Mouse. *Society for Neuroscience, 27th Annual Meeting*, New Orleans, LA.

Mecenas, P. E., Tsirka, S. E., Salles, F. and Strickland, S. (1997) Tissue Plasminogen Activator Deficiency Does Not Protect against Neuronal Degeneration in the Cerebellum of the *Weaver* Mouse. *Northeast Regional Developmental Biology Conference*, Marine Biological Laboratory, Woods Hole, MA.

Shen, Ellen and Bogenhagen, D. (1997) Is mtTFA a Master Regulator of Mitochondrial Nucleic Acid Synthesis? *The 1997 Northeast Regional Society for Developmental Biology Conference*. Marine Biological Laboratory, Woods Hole, MA.

❖ **Post Doctorates Obtained and Professional Appointments**

Kramer, Sunita G. Postdoctoral Fellow with Dr. Corey S. Goodman, Department of Neurobiology, *University of California at Berkeley*, CA.

Horb, Marko. Postdoctoral Fellow with Dr. Jonathan Slack, Developmental Biology Programme, Department of Biology and Biochemistry, *University of Bath*, Bath, United Kingdom.

CHEMISTRY

GRADUATE DIRECTOR: SCOTT SIEBURTH

DEPARTMENT CHAIR: IWAO OJIMA

❖ Grants, Fellowships and Awards

Bounaud, Pierre-Yves. (1997) Travel Award, \$600. *American Chemical Society.*

Chuang, Chih-Yuan. (1998) Mitsubishi Travel Award. *Mitsubishi Corporation, Japan.*

Lin, Songnian. (1997) Mitsubishi Travel Award, \$560. *Mitsubishi Corporation, Japan.*

Wang, Tao. (1997) Mitsubishi Travel Award. *Mitsubishi Corporation, Japan.*

❖ Jointly Authored Publications/Research Reports/Reviews

Ojima, Iwao, **Bounaud, Pierre-Yves**, Takeuchi, Craig, Pera, Paula and Bernacki, Ralph. (1998) New Taxanes as Highly Efficient Reversal Agents for Multi-Drug Resistance in Cancer Cells. *Bioorganic Medicinal Chemistry Letters*, 8 :189-194.

Wu, Qing, **Bounaud, Pierre-Yves**, Kuduk, Scott, Yang, Chia-Ping, Ojima, Iwao, Horwitz, Susan and Orr, George. (in press) Identification of the Domains of Photoincorporation of the 3'- and 7-Benzophenone Analogs of Taxol in the Carboxyl Terminal Half of Murine mdrlb P-glycoprotein. *Journal of Biological Chemistry.*

Cahill, Christopher L., Ko, Y. and Parise, J. B. (1997) A novel 3-dimensional open framework sulfide based on the $[\text{In}_{10}\text{S}_{20}]^{10-}$ Supertetrahedron *Chem. Mater*, 10: 19-21.

Parise, J. B., Tan, K., Norby, P., Ko Y. and **Cahill, Christopher L.** (1997) Examples of hydrothermal titration and real time X-ray Diffraction in the synthesis of open frameworks *Mat. Res. Soc. Symp. Proc.*, 453: 103-114.

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Cahill, Christopher L., Ko, Y., Hanson, J. C., Tan, K. and Parise, J. B. (in press) Structure of microporous QUI-MnGS-1 and in situ studies of its formation using time resolved synchrotron X-ray powder diffraction *Chem. Mater.*

Cahill, Christopher L., Gugliotta, B. G. and Parise, J. B. (in press) A novel layered indium-sulfide material consisting of corner and edge shared InS_4 tetrahedra: synthesis and structural characterization of DPA-InS-SB3 *J. Chem. Soc. Chem. Commun.*

Chen, Xiaoyu and Sampson, N. S. (1997) Review of "Contemporary Enzyme Kinetics and Mechanism," 2nd ed., Parich, D. L., eds., *Quart. Rev. Biol.*, 72, 320.

Sampson, N. S. and **Chen, Xiaoyu.** (in press) "Increased Expression of Brevibacterium sterolicum Cholesterol Oxidase in Escherichia coli by Genetic Modification," *Prot. Exp. Purific.*

Ojima, I., Tzamarioudaki, M., **Chuang, Chih-Yuan**, Iula, D. M., and Li, Z. (1998) Catalytic Carbonylation in supercritical Carbon dioxide. *Proceedings of the 17th Conference on Catalysis in Organic Reactions.* Ed. F. Herkes. Marcel Dekker, Inc. New York.

Nguyen, Tam L., Scott, A., **Dinkelmeyer, Brian.**, Fowler, F. W., Lauher, J. W. (in press) The Design of Molecular Solids: The Utility of the Hydroxyl Functionality as a Predictable Design Element. *New Journal of Chemistry.*

Sampson, N. S., **Kass, Ignatius J.** and Ghoshroy, K. B. (in press) "A Truncated Loop Mutant of Cholesterol Oxidase Has Altered Substrate Specificity," *Biochemistry.*

Kuhlman, Brian, Boice, J. A., Fairman, R. and Raleigh, D. P. (1998) Structure and stability of the N-terminal domain from the ribosomal protein L9: Evidence for rapid two-state folding. *Biochemistry* 37, 1025-1032.

Spector, S., **Kuhlman, Brian**, Boice, J. A., Fairman, R. & Raleigh, D. P. (1998) Cooperative folding of a protein mini domain:

The peripheral subunit-binding domain of the pyruvate dehydrogenase multienzyme complex. *J. Mol. Biol.* 276, 479-489.

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- Ojima, I. and **Lin, Songnian** (1998) "Efficient Asymmetric Syntheses of β -Lactams Bearing a Cyclopropane or an Epoxide Moiety and Their Application to the Syntheses of Novel Isoserines and Taxoids," *J. Org. Chem.* 1998, 63, 224-225.
- Ojima, I., **Lin, Songnian**, Chakravarty, S., Fenoglio, I., Park, Y. H., Sun, C. -M., Appendino, G., Pera, P., Veith, J. M. and Bernacki, R. J. (1998) "Syntheses and Structure-Activity Relationships of Novel Nor-Seco Taxoids," *J. Org. Chem.* 1998, 63, 1637-1645.
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- Nguyen, Tam L.**, Fowler, F. W., Lauher, J. W. (in press) Strategies for the Preparation of Layered Polydiacetylenes. *Molecular Crystals and Liquid Crystals*.
- Sieburth S. McN., **Nittoli, Thomas**, Mutahi, A. M., and Guo, L. (1998) Silandiole: eine neue Klasse potenter Protease-Inhibitoren, *Angewandte Chemie*, 110, Nr. 6, 845-847.
- Park, Jae-Hyun** and Parise, John B. (1997) High Pressure Synthesis of a New Chromite, ScCrO₃. *Material Research Bulletin* 32(12): 1617.
- Sun, Jeonghoon** and Sampson, N. S. (1997) 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.*, 72, 71.
- Sampson, N. S. and **Sun, Jeonghoon**. (in press) "Determination of the Amino Acid Requirements for a Protein Hinge in Triosephosphate Isomerase," *Prot. Science*.
- E. Colin, **Sun, Rulin**, N. N. Ajitanand, John M. Alexander, M. A. Barton, P. A. DeYoung, A. Elmaani, C. J. Gelderloos, E. E. Gualtieri, S. Hannuschke, J. A. Jasma, L. Kowalski, Roy A. Lacey, J. Lauret, E. Norbeck, R. Pak, G. F. Peaslee, N. T. B. Stone, S. D. Sundbeck, A. M. Vander Molen, D. Westfall and J. Yee. (1998) From Fusion to Splintering Central Collisions 320 to 4600 MeV 40Ar + Ag, *Physical Review C* 57, R1032-R1036.
- Ojima, I., Wang, H., **Wang, Tao** and Ng, E. W. (1998) "New Approaches to the Asymmetric Syntheses of Dipeptide Isosteres via *beta*-Lactam Synthon Method," *Tetrahedron Lett.* 1998, 39, 923-926.
- Ojima, I., **Wang, Tao** and Delalogue, F. (in press) "Extremely Stereoselective Alkylation of 3-Siloxy-beta-lactams and Its Applications to the Asymmetric Syntheses of Novel 2-Alkylisoserines, Their Dipeptides and Taxoids" *Tetrahedron Lett.*

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- Wu, Qing, **Bounaud, Pierre-Yves**, Kuduk, Scott, Yang, Chia-Ping, Ojima, Iwao, Horwitz, Susan and Orr, George. (1998) New Paclitaxel Photoaffinity Labels to Probe the Binding Site on the Multidrug Transporter P-Glycoprotein. Poster. *215th ACS National Meeting*. Dallas, TX.
- Ojima, Iwao, **Bounaud, Pierre-Yves**, Takeuchi, Craig, Liang, Catherine, Eppich, Simone, Pera, Paula and Bernacki, Ralph. (1998) Structure-Activity Relationship Studies of New Taxanes as Reversal Agents for Multidrug Resistance in Cancer Cells. Talk. *215th ACS National Meeting*. Dallas, TX.

- Ojima, Iwao, **Bounaud, Pierre-Yves**, Takeuchi, Craig; Pera, Paula; Bernacki, Ralph. (1997) New Taxanes as Highly Efficient Reversal Agents for Multi-Drug Resistance in Cancer Cells. Poster. *213th ACS National Meeting*. San Francisco, CA.
- Ojima, Iwao, **Bounaud, Pierre-Yves**, Pera, Paula and Bernacki, Ralph. (1997) Synthesis and Evaluation of New Taxane-Based Reversal Agents. Poster. *213th ACS National Meeting*. San Francisco, CA.
- Cahill, Christopher L.**, Norby, P., Ko, Y., Lee, Y., Koleda, C. and Parise, J. B. (1997) A reaction cell for in-situ studies of hydrothermal titration. *Gordon Conference on Zeolitic and Layered Materials*, Plymouth, NH.
- Cahill, Christopher L.** and Parise, J. B. (1997) Hydrothermal growth of Indium Sulfides as studied via Real Time in situ X-ray Diffraction. *First Meeting of the Northeast Corridor Zeolite Association*, Philadelphia, PA.
- Cahill, Christopher L.**, Gugliotta, B. G. and Parise, J. B. (1997) Novel Open-Framework Indium Sulfides. *First Meeting of the Northeast Corridor Zeolite Association*, Philadelphia, PA.
- Chuang, Chih-Yuan**, Tzamarioudaki, M., Inoue, O., Iula, D. M., Li, Z., and Ojima, I. (1998) Catalytic Carbonylation in supercritical Carbon dioxide. *215th American Chemical Society National Meeting*. Dallas, Texas.
- Khullar, Sonia**, Johnson, F., Chamakura, V. (1997) Studies Towards the synthesis of Oligonucleotides Containing Adducts of the Known Mutagen Acrolein. *New York Academy of Sciences – 2nd Annual Poster Program for Graduate Studies in Chemistry*. New York, NY.
- Kuhlman, Brian**, Boice, J. A., Fairman, R. & Raleigh, D. P. (1997) Structure and stability of the N-terminal domain from the ribosomal protein L9: Evidence for rapid two-state folding. *New York Academy of Scientists*, New York, NY.
- Kuhlman, Brian**, Boice, J. A., Fairman, R. & Raleigh, D. P. (1997) Calcium binding peptides from ∇ -lactalbumin: Implications for protein folding and stability. *Eleventh Protein Society Symposium*, Boston, MA.
- Spector, S., **Kuhlman, Brian**, Wong, E., Boice, J. A., Fairman, R. & Raleigh, D. P. (1997) Cooperative folding of a protein mini domain: The peripheral subunit-binding domain of the pyruvate dehydrogenase multienzyme complex. *Eleventh Protein Society Symposium*, Boston, MA.
- Kuhlman, Brian** and Raleigh, D. P. (1997) Microsecond folding of the N-terminal domain of the ribosomal protein L9. *Second European Protein Society Symposium*, Cambridge, England.
- Ojima, I. and **Lin, Songnian**. (1997) "Highly Efficient Asymmetric Syntheses of β -Lactams Bearing a Cyclopropane or an Epoxide Moiety and Their Facile Conversion to Novel Isoserines, Dipeptides and Taxoids," *New York Academy of Sciences Poster Program for Graduate Students of Chemistry*, November 1997; New York City, New York; *Abstr.*
- Ojima, I., Brey, R., Walsh, J. J. and **Lin, Songnian**. (1997) "Synthesis of Fluorinated Taxoids for the Study on the Metabolism of Taxoids by Cytochrome P450 3A Enzymes," *New York Academy of Sciences Poster Program for Graduate Students of Chemistry*, November 1997; New York City, New York.
- Lin, Songnian** and Ojima, I. (1997) "Highly Efficient Asymmetric Syntheses of Novel Norstatine Analogs Bearing Cyclopropane and Oxirane Moieties," *214th American Chemical Society National Meeting*, September 7-11, 1997, Las Vegas, Nevada; *Abstr.* ORGI 211.
- Ojima, I., **Lin, Songnian**, Pera, P., Veith, J. M. and Bernacki, R. J. (1997) "Syntheses and Biological Activities of New Taxoids Bearing Methano- And Oxirano-Isoserine Residues At C-13," *214th American Chemical Society National Meeting*, September 7-11, 1997, Las Vegas, Nevada; *Abstr.* MEDI 76.
- Liu, Tianbo**, Rulkens, R., Wegner, G., Chu, B. (1998) "Rigid-rod polyelectrolyte in solution: conformation and aggregations," *Gorden Conference on Macromolecules, Colloids and Polyelectrolyte solutions*, Vantura, California.
- Ehrlich, L. S., **Liu, Tianbo**, Agresta, B. E., Scarlata, S., Chu, B., Carter, C. A. (1998) "PH-dependence disassembly of Human Immunodeficiency Virus (HIV) Capsids Formed *in vitro* and their interactions with CYP A," *Gorden Conference on Macromolecules, Colloids and Polyelectrolyte solutions*, Vantura, California.
- Liu, Tianbo**, Zhou, Z., Wu, C., Nace, V. M., Chu, B. (1998) "Block Copolymer Colloidal Systems: the Dominant Factors on Their Self-Assembly and Phase Behaviors," *Gorden Conference on Macromolecules, Colloids and Polyelectrolyte solutions*, Vantura, California.
- Wu, C., **Liu, Tianbo**, Chu, B. (1997) "SAXS Study of Block Copolymers in DNA Separation Buffers," *The Annual Users' Meeting of National Synchrotron Light Source, Brookhaven National Laboratory*, Upton, New York.

- Liu, Tianbo**, Rulkens, R., Wegner, G., Chu, B. (1997) "Laser Light Scattering of A Rigid-Rod Polyelectrolytes," *Gorden Conference on Ion-Containing Polymers*, New London, New Hampshire.
- Liu, Tianbo**, Rulkens, R., Wegner, G., Chu, B. (1997) "Characterization of Rigid-Rod Polyelectrolytes in polar solvents," *Second Annual Poster Session for Graduate Students in Chemistry*, New York Academy of Sciences, New York.
- Ehrlich, L. S., **Liu, Tianbo**, Agresta, B. E., Scarlata, S., Chu, B. and Carter, C. A. (1997) "PH-dependence disassembly of Human Immunodeficiency Virus (HIV) Capsids formed *in vitro* and their interactions with CYP A," *Second Annual Poster Session for Graduate Students in Chemistry*, New York Academy of Sciences, New York.
- Wu, C., **Liu, Tianbo**, Schneider, D. K., Graziano, V. and Chu, B. (1997) "Viscosity-adjustable block copolymer (F127) for DNA separation by Capillary electrophoresis," *Second Annual Poster Session for Graduate Students in Chemistry*, New York Academy of Sciences, New York.
- Liu, Tianbo**, Zhou, Z., Wu, C., Schneider, D. K., Nace, V. M., Chu, B. (1997) "Self-assembly of triblock copolymers in aqueous solution," *Second Annual Poster Session for Graduate Students in Chemistry*, New York Academy of Sciences, New York.
- Liu, Tianbo**, Zhou, Z., Wu, C., Nace, V. M., Chu, B. (1997) "Dominant factors on the micellization and phase separation behaviors of $B_nE_mB_n$ and $P_nE_mP_n$ triblock copolymers in aqueous solution," *Second Annual Poster Session for Graduate Students in Chemistry*, New York Academy of Sciences, New York.
- Ehrlich, L. S., **Liu, Tianbo**, Beth E. Agresta, Suzanne Scarlata, Chu, B., Carter, C. A. (1997) "Perturbation of N-terminal Interfaces Results in Disassembly of HIV-Capsid Proteins," *Retroviruses Meeting*, Cold Spring Harbor, New York.
- Ehrlich, L. S., **Liu, Tianbo**, Agresta, B. E., Scarlata, S., Chu, B., Carter, C. A. (1997) "Perturbation of N-terminal Interfaces Results in Disassembly of HIV-Capsid Proteins," AIDS-related systems and their application to targeted drug design. *National Institutes of Health*, Bethesda, Maryland.
- McCann, Amy E.** (1997) "Characterization of Inhibition of Cholesterol Oxidase by 2 ∇ , 3 ∇ -Cyclopropanocholestan-3 β -ol," *New York Academy of Sciences*, New York, NY.
- Nguyen, Tam L.**, Fowler, F. W., Lauher, J. W. (1997) Design and Preparation of Layered Supramolecular Structures for Novel Function. *ICCOSS XIII*, State University of New York at Stony Brook, Stony Brook, NY.
- Nguyen, Tam L.**, Fowler, F. W., Lauher, J. W. (1997) Design and Preparation of Layered Supramolecular Structures for Novel Function. *Gordon Research Conference on the Chemistry of Supramolecules and Assemblies*. Salve Regina University, Newport, RI.
- Nguyen, Tam L.**, Fowler, F. W., Lauher, J. W. (1997) Novel and Functional Two-Dimensional Networks. *New York Academy of Sciences Poster Program for Graduate Students in Chemistry*. New York Academy of Sciences, New York, NY.
- Park, Jae-Hyun**, Woodward, P. M. and Parise, J. B. (1998) High Pressure Synthesis and Crystal Chemistry of New Titanate Perovskites Containing Ag^+ , $ATiO_3$ (A= $Nd_{0.5}Ag_{0.5}$, $Ca_{0.5}Nd_{0.25}Ag_{0.25}$, $Bi_{0.5}Ag_{0.5}$). Poster(accepted). *Gordon Conference for High Pressure Research*, Kimball Union Academy, NH.
- Sun, Jeonghoon** (November 1997) "Construction and Selection of Catalytically Functional Protein Hinge Mutants in Triosephosphate Isomerase," New York Academy of Sciences, New York, NY.
- Ojima, I., **Wang, Tao** and Delaloge, F. (1997) "Stereoselective Alkylation of beta-lactams and Its Applications to the Asymmetric Syntheses of Novel 2-Alkylisoserines, Their Dipeptides, and Taxoids," *New York Academy of Sciences Poster Program for Graduate Students of Chemistry*, November, New York, NY.
- Wang, Tao**, Delaloge, F. and Ojima, I. (1997) "Extremely Stereoselective Alkylations of beta-Lactams and Their Applications to the Asymmetric Synthesis of 2-Alkylisoserines and New Taxoids," *The 214th American Chemical Society National Meeting*, September 1997, Las Vegas, NV; Abstr. ORG 210.

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

Bounaud, Pierre-Yves. (1998) Post-doctorate in Professor Dale Boger's lab. Department of Chemistry, *Scripps Research Institute*, San Diego, CA.

Kuhlman, Brian. (1998) Post-Doctorate. Department of Biochemistry, *University of Washington*, Seattle, WA.

Nguyen, Tam L. (1998) Postdoctoral Associate. Department of Biochemistry, Cornell Medical College, New York, NY.

Nittoli, Thomas. Post-Doctoral Appointment, Department of Chemistry, University of Pennsylvania, Philadelphia, PA.

COMPARATIVE LITERATURE

GRADUATE DIRECTOR: KRIN GABBARD

DEPARTMENT CHAIR: SANDY PETREY

❖ Grants, Fellowships and Awards

Andrade, Marie Mercedes. (1998) Stony Brook, Travel and Research Grant. *Latin American and Caribbean Center*, State University of New York at Stony Brook, NY.

Andrade, Marie Mercedes. (1998) National Hispanic Scholarship Fund, Scholarship, April.

❖ Singly Authored Publications/Research Reports/Reviews

Calvin, Ritch. (1997) "Gilles Deleuze: A Con-Text," *Enculturation* 1-2 (Fall 1997). <<http://www.vta.edu/huma/enculturation/1-2/calvin/deleuze.htm>>

Calvin, Ritch. (1997) "Kathy Acker's Corpus: A Subversive Body of Texts," *Feminism in a Multi-Cultural Context*. Ed. Antonio Sobejano-Moran, New York: Edwin Mellen, 1997. 71-83.

Gilbert, Deborah. (1998) *Journal of Caribbean Studies*, Vol. 13 Nos. 2 & 3 (forthcoming).

Huang, Tsung-yi. (1997) "Of a Woman and a Cockroach: A Kristevan Reading of Clarice Lispector's *Passion According to G. H.*," *Chung-Wai Literary Monthly* 26.4 (Nov. 1997): 39-55. Taipei, Taiwan.

Park, Jin Young. (1998) Masaki Mori's *Epic Grandeur: Toward a Comparative Poetics of the Epic*, *The Comparatist* XXII (May 1998): 205-206.

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Gilbert, Deborah. (1998) Cavernous Violations: (Re)producing Identity in Assia Djebars *Fantasia* and Kateb Yacine's *Nedjma*. *African Literature Association 24th Annual Conference*, Austin, TX.

Huang, Tsung-yi. (1998) "A City of One's Own? Postmodern Flaneurs in Global Cities," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

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Kleypas, Kathryn. (1998) "Edna O'Brien's *A Pagan Place* and the Irish *Bildungsroman* Tradition," *Seventh Annual British Commonwealth and Postcolonial Studies Conference*, Statesboro, GA.

Kleypas, Kathryn. (1998) "Cultural Translation and Loss in Brian Friel's *Translations*," *American Comparative Literature Association Annual Conference*, Austin, TX.

Kleypas, Kathryn. (1997) "Flann O'Brien and New Formations of the Bakhtinian Chronotope: "A Lacuna in the Palimpsest," *Central New York on Language and Literature*, October 5-7. Cortland, NY.

Leming, Mary. "The Terrain in Between: The Border between Life and Death in Some Versions of the Myth of Orpheus and Eurydice," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Li, Chi-she. (1998) "Female Bodies and National Space," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Park, Jin Young. (1997) "Religious Conflict or Religious Anxiety: New Buddhist Movements in Korea and Japan," *American Academy of Religion*, Nov. 22, 1997, San Francisco, CA.

- Park, Jin Young.** (1997) "The Law of Dialogue" *Association of Korean Scholars of Religion in North American*, Nov. 24, 1997, Pulgwangsa, San Francisco, CA.
- Park, Jin Young.** (1998) "Buddhism and Won Buddhism" *Won Buddhist Temple of New York*, Jan. 10, 1998, Flushing, NY.
- Park, Jin Young.** (1998) "Imaging in Silence: Chiasm of the Visible and the Invisible in Asian American Identity" *International Association for Philosophy and Literature*, May 9, 1998, University of California at Irvine, Irvine, CA.
- Statkiewicz, Max.** (1998) "Sublime Passages," *Terrains: Landscapes/Bodyscapes*. State University of New York at Stony Brook, NY.
- Statkiewicz, Max.** (1998) "Translating Nietzsche's *Übersehen*," *Überblick: Looking Over Visuality* (Germanic Languages). 13-15 March. Columbia University, NYC, NY.
- Statkiewicz, Max.** (1998) "Fiery Purification: Artaud's Alchemical Theater," *Literary Magic* (French, Francophone and Comparative Literature). 8 April 1. Columbia University, NYC, NY.
- Statkiewicz, Max.** (1998) "Spele(id)ology: A/Entre l'image et le simulacre," An *IAPL Conference, Interrogating Images*, 5-9 May. University of California, Irvine.
- Statkiewicz, Max.** (1998) "Paid(e)ia: A Dramatic Difference Between Education and Indoctrination," *The Twentieth World Congress of Philosophy*. 10-16 August. Boston, MA.
- Statkiewicz, Max.** (1997) "The Aesthetic of Cruelty," Interdisciplinary Conference for Graduate Scholarship: *The Aesthetic: Art and World*. Rutgers University, 5 December. New Brunswick, New Jersey

❖ **Translations**

- Huang, Tsung-yi.** (1998) Co-translator. *Culture and Society: Contemporary Debates*. Ed. Jeffrey C. Alexander and Steven Seidman. Li Shui Publishing Company, Taipei, Taiwan.
- Li, Chi-she.** (1998) Co-translator. *Culture and Society: Contemporary Debates*. Ed. Jeffrey C. Alexander and Steven Seidman. Li Shui Publishing Company, Taipei, Taiwan.
- Yi, Hiejou.** (1998) Translation of Alice Lowe's *Greek Myth*. From English into Korea. "The Stories of Gods and Goddesses in Olympus Mountain: Interesting Greek Myth," Beebong Publishing Company, Seoul, Korea.

❖ **Panels Chaired at Conferences**

- Kleypas, Kathryn.** (1997) "Contemporary Irish Literature," *Central New York Conference on Language and Literature*, Cortland, NY.

COMPUTER SCIENCE

GRADUATE DIRECTOR: MICHAEL KIFER

DEPARTMENT CHAIR: DAVID WARREN

❖ Grants, Fellowships and Awards

- Davulcu, Hasan.** (1997) Workflow Management Systems and Interoperability, \$780. *NATO Advanced Study Institute (ASI)*, Istanbul, Turkey.
- Evans, Francine.** (1997) Grant from *Usenix Corporation* to attend Grace Hopper Conference.
- Evans, Francine.** (1997) *Long Island Software Awards* Finalist.
- Evans, Francine.** (1996-1997) Northrop Grumman Fellowship.
- Piquet, Silvia.** (1997) *National Science Foundation* Fellowship, \$15,500/3 years. *National Science Foundation*, Washington DC.
- Ramirez, Juan.** (1997-1999) Turner Fellowship \$10,000/year. *NY State*.
- Pradhan, Prashant.** (1998) Symbol Fellowship, \$5,000. *Symbol Technologies*, NY.
- Souto, Pedro.** (1997-1998) Bolsa de estudo (scholarship), \$15,000. *Fundação Luso Americana para o Desenvolvimento*, Portugal.
- Souto, Pedro.** (1997-1998) Student Research Grant, \$7,450. *USENIX*, Berkeley, California.

❖ Singly Authored Publications/Research Reports/Reviews

- Bitter, Ingmar.** (1997) A Ray-Slice-Sweep Volume Rendering Engine, *Proceedings 1997 Siggraph / Eurographics Workshop on Graphics Hardware*.

❖ Jointly Authored Publications/Research Reports/Reviews

- Souto, Pedro** and Stark, Eugene. (1997) A Distributed Shared Memory Facility for FreeBSD, *Proceedings of the USENIX 1997 Annual Technical Conference*, pp. 149-162.

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

- Davulcu, H.**, Kifer, M., Ramakrishnan, C. R. and Ramakrishnan, I. V. (1998) Logic based modeling and analysis of workflows, *ACM PODS*, Seattle, Washington.
- Chen, Yan, Zhu, Qinghong and **Kaufman, Arie.** (1998) "Physically-based Animation of Volumetric Objects," *IEEE Computer Animation '98*, Jun. 8-10, Philadelphia, Pennsylvania.
- Bernstein, A. J., Gerstl, D. S., Leung, W. H., and Lewis, P. M. (1998) Design and Performance of an Assertional Concurrency Control System. *IEEE International Conference on Data Engineering 1998*. p436-445
- Varshney, A., El-Sana, J., **Evans, F.**, Darsa, L., Costa, B., and Skiena, S. (1997) Enabling Virtual Reality for Large-Scale Mechanical CAD Datasets. *ASME Design Engineering Technical Conference*.
- Neogi, Anindya** (1998) "Performance Study of an RSVP Capable Router," *1998 IEEE Real Time Technology and Applications Symposium*.
- Ballman, Allen, Chiueh, Tzi-Cker and **Pradhan, Prashant.** (1997) "Distributed System Support for Network-Based Multi-User Interactive Applications," *Distributed Simulation Symposium, '97*.

Chiueh, Tzi-Cker and **Pradhan, Prashant**. (1998) "Real-Time Performance Guarantees over Wired/Wireless LANs," *IEEE Real-Time Applications Symposium, '98*.

❖ **Internship Appointments**

Bitter, Ingmar. (1997) *Misubishi Electric Research Lab*, Cambridge, MA.

Davulcu, Hasan. (1998) *Bell Labs, Lucent*. Morristown, NJ.

Evans, Francine. (1997) Visiting Scholar. *NASA/University of Houston Virtual Environments Laboratory*.

Neogi, Anindya. (1997/1998) Research Assistant. *The Transactions Lab of Reuters, America*. Haupaugue, NY.

Pradhan, Prashant. (1997) Summer Intern, *Silicon Graphics*, Mountain View, CA.

Pradhan, Prashant. (1998) Co-op, *IBM T. J. Watson Research Center*, Yorktown, NY.

Roychoudhury, Abhik. (1998) *Bell Labs, Lucent*. Morristown, NJ.

Tsai, Tony. (1997) Internal Web page Design. *IBM*, Austin, Texas.

❖ **Software Developed**

Chen, Ting. (1998) *Stroll, fragment assembly program for DNA sequencing*. Used at Brookhaven National Lab to sequence the genome of *Borrelia burgdorferi*, the bacteria which causes Lyme disease.

Davulcu, Hasan. (1997) *WebFlow*. A web-enabled workflow management system prototype. Computer Associates, Islandia, NY, USA.

Evans, Francine. (1997-1998) *VType*. A software tool to enter text in a virtual environment.

Neogi, Anindya. (1998) *Zodiac: An interactive history based video editor*. The software was developed with Tulika Mitra and C. K. Yang (Ph. D. students at ECSL). It is for people interested in using their PCs as movie editing stations.

Pokorny, L. Robert. (1997) *LasScore*. Used to score and evaluate student performance on the LAS standardized test. Currently being marketed by Master Computer Systems to School Districts around the country.

❖ **Special Categories**

Pokorny, L. Robert. (1997) February Invited Speaker. *International Conference On Agile Manufacturing* - Talk title: CASP: A Virtual Parts Supplier.

❖ **Membership Appointments**

Chen, Yan. (1998) Member of *IEEE*.

ECOLOGY AND EVOLUTION

GRADUATE DIRECTOR: GREGORY WRAY

DEPARTMENT CHAIR: JAMES THOMSON

❖ Grants, Fellowships and Awards

- Adams, Dean C.** (1998) Dissertation Improvement Grant. *National Science Foundation*, Arlington, Virginia.
- Adams, Dean C.** (1997) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.
- Adams, Dean C.** (1997) Award for Excellence in Doctoral Research. *Sigma Xi, The Scientific Research Society*, State University of New York at Stony Brook Chapter. Stony Brook, NY.
- Adams, Dean C.** (1997) Outstanding Graduate Student Presentation Award. Department of Ecology and Evolution, *State University of New York at Stony Brook*, Stony Brook, New York.
- Anastasia, Jean R.** (1997) Star Graduate Fellowship. *Environmental Protection Agency*.
- Bely, Alexandra E.** (1997) Research Travel Award. *Sigma Xi, The Scientific Research Society*. State University of New York at Stony Brook Chapter. Stony Brook, NY.
- Biermann, Christiane.** (1997) Research Travel Award. *Sigma Xi, The Scientific Research Society*. State University of New York at Stony Brook Chapter. Stony Brook, NY.
- Biermann, Christiane.** (1997) Walter Fitch Prize for best student presentation. *International Conference on Molecular Biology and Evolution*, Germany.
- Billerbeck, Jean M.** (1997) Stoye Award for Outstanding Student Presentation. *Annual Meeting of the American Society of Ichthyologists and Herpetologists*, Seattle, Washington.
- Brown, Nina.** (1998) Summer Graduate Fellow. *Max Plank Institute for Chemical Ecology*, Jena, Germany.
- Coelho, André.** (1997) Doctoral Scholarship. *National Board of Scientific Research and Technology*, Portugal.
- Coelho, André.** (1997) Fulbright Fellowship. *Fulbright Commission*, Portugal.
- Di Bitetti, Mario S.** (1997) Research Grant. *L. S. B. Leakey Foundation*, Oakland, California.
- Dunham, Amy.** (1998) Margot Reis Fellowship. *Glens Falls Foundation*, Glens Falls, New York.
- Escobar-Páramo, Patricia.** (1998) Colciencias Research Grant, *Colciencias*, Santafe de Bogotá D. C., Colombia.
- Fang, Wei.** (1997) Special Commendation. *Nassau County Nature Conservancy*, Long Island, New York.
- Gassmann, Aaron.** (1998) Predoctoral Fellowship, Honorable Mention. *National Science Foundation*, Arlington, Virginia.
- Goodell, Karen.** (1997) Theodore Roosevelt Fund Grant, *American Museum of Natural History*, New York, New York.
- Goodell, Karen.** (1997) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.
- Goodell, Karen.** (1998) Dissertation Improvement Grant. *National Science Foundation*, Arlington, Virginia.
- Gray, Dennis W.** (1997) Earth System Science Fellowship. *National Aeronautics and Space Administration*.
- Hinman, Katharine.** (1997) National Defense Science and Engineering Graduate Fellowship. *Department of Defense/Office of Naval Research*.
- Inchausti, Pablo.** (1998) Outstanding Teaching Award. *Department of Ecology and Evolution, State University of New York at Stony Brook*, Stony Brook, New York.
- Knowles, L. Lacey.** (1998) Dissertation Improvement Grant. *National Science Foundation*, Arlington, Virginia.
- Kurdziel, Josepha P.** (1997) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution*,

State University of New York at Stony Brook, Stony Brook, New York.

- Kurdziel, Josepha P.** (1997) Lerner-Gray Fund for Marine Research. *American Museum of Natural History*, New York, New York.
- Pizer, Margaret.** (1997) Predoctoral Fellowship. *Howard Hughes Medical Institute*.
- Pizer, Margaret.** (1997) Postgraduate Scholarship. *National Collegiate Athletic Association*.
- Rosenberg, Michael S.** (1997) Short Term Predoctoral Fellowship. *Smithsonian Tropical Research Institute*, Washington, D. C.
- Soucy, Sheryl L.** (1997) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, State University of New York at Stony Brook*, Stony Brook, New York.
- Soucy, Sheryl L.** (1997) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.
- Valenzuela, Nicole.** (1998) Dissertation Improvement Grant. *National Science Foundation*, Arlington, Virginia.
- Valenzuela, Nicole.** (1997) Outstanding Graduate Student Presentation Award. *Department of Ecology and Evolution, State University of New York at Stony Brook*, Stony Brook, New York.
- Vogel, Erin R.** (1998) Predoctoral Fellowship, Honorable Mention. *National Science Foundation*, Arlington, Virginia.
- Williams, Neal M.** (1997) Grant-in-Aid of Research. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, North Carolina.

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

- Knowles, L. Lacey.** (1997) Review of: The ice-age history of southwestern national parks. *The Quarterly Review of Biology*, 73:67.
- Lowe, Christopher J.** (in press) Review of: Epigenetic mechanisms of Gene Regulation. *The Quarterly Review of Biology*.

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

- Abouheif, Ehab**, Akam, M., Dickinson, W. J., Holland, P. W. H., Meyer, A., Patel, N. H., Raff, R. A., Roth, V. L., and Wray, G. A. (1997) Homology and Developmental genes. *Trends In Genetics*, 13:432-433.
- Abouheif, Ehab**, Zardoya, R., and Meyer, A. (in press) Limitations of metazoan 18S rRNA sequences: implications for reconstructing a phylogeny for the animal kingdom, and inferring the existence of the Cambrian explosion. *Journal of Molecular Evolution*.
- Adams, Dean C.** and Rosenberg, M. S. (1998) Partial-warps, phylogeny, and ontogeny: a comment on Fink and Zelditch (1995). *Systematic Biology*, 47:167-172.
- Caldecutt, W. J., and **Adams, Dean C.** (in press) Morphometrics of trophic osteology in four ecotypes of the threespine stickleback, *Gasterosteus aculeatus*. *Copeia*.
- Adams, Dean C.**, Di Bitetti, M. S., Janson, C. H., Slobodkin, L. B., and Valenzuela, N. (1997) An "audience effect" for ecological terminology: use and misuse of jargon. *Oikos*, 80:632-636.
- Adams, Dean C.**, and Jackson, J. F. (1997) A phylogenetic analysis of the southern pines (*Pinus* subsect. *Australes* loud.): Biogeographical and ecological implications. *Proceedings of the Biological Society of Washington*, 110:681-692.
- Anastasia, Jean R.**, Morgan, S. M., and Fisher, N. S. (in press) Development of larval tagging methods: assimilation and retention of trace elements by crustacean larvae. *Limnology and Oceanography*.
- Billerbeck, Jean M.**, Orti, G., and Conover, D. O. (1997) Latitudinal variation in vertebral number has a genetic basis in the Atlantic silverside, *Menidia menidia*. *Canadian Journal of Fisheries and Aquatic Sciences*, 54:1796-1801.
- Caldecutt, William J.**, and Adams, D. C. (in press) Morphometrics of trophic osteology in four ecotypes of the threespine stickleback, *Gasterosteus aculeatus*. *Copeia*.

- Dietl, Gregory P.**, and Alexander, R. R. (1997) Predator-prey interactions between the naticids *Euspira heros* Say and *Neverita duplicata* Say and the atlantic surfclam *Spisula solidissima* Dillwyn from Long Island to Delaware. *Journal of Shellfish Research*, 16:413-422.
- Adams, D. C., **Di Bitetti, Mario S.**, Janson, C. H., Slobodkin, L. B., and Valenzuela, N. (1997) An "audience effect" for ecological terminology: use and misuse of jargon. *Oikos*, 80:632-636.
- Stern, M. J., **Goodell, Karen**, and Kennard, D. K. (in press) Local distribution of *Chusquea tomentosa* (Poaceae: Bombusoidea) before and after a flowering event. *Biotropica*.
- Ginzburg, L. R., and **Inchausti, Pablo**. (1997) Asymmetry of population cycles: abundance growth representation of hidden causes of ecological dynamics. *Oikos*, 80:435-447.
- Inchausti, Pablo**, and Ginzburg, L. R. (in press) Small mammal cycles in northern Europe: pattern and evidence for a maternal effect hypothesis. *Journal of Animal Ecology*.
- Nilsson, P., **Kurdziel, Josepha P.**, and Levinton, J. S. (1997) Heterogeneous population growth, parental effects, and genotype-environment interactions of a marine oligochaete. *Marine Biology*, 130: 181-191.
- Lowe, Christopher J.** and Wray, G. A. (1997) Radical alterations in the roles of homeobox genes during echinoderm evolution. *Nature*, 389: 718-721.
- Qiu, Wei-Gang**, Bosler, E. M., Campbell, J. R., Ugine, G. D., Wang, I. -N., Luft, B. J., and Dykhuizen, D. E. (1997) A population genetic study of *Borrelia burgdorferi* sensu stricto from eastern Long Island, New York, suggested frequency-dependent selection, gene flow and host adaptation. *Hereditas*, 127:203-216.
- Sokal, R. R., Oden, N. L., **Rosenberg, Michael S.**, and DiGiovanni, D. (1997) The patterns of historical population movements in Europe and some of their genetic consequences. *American Journal of Human Biology*, 9:391-404.
- Sokal, R. R., Oden, N. L., **Rosenberg, Michael S.**, and DiGiovanni, D. (1997) Ethnohistory, genetics and cancer mortality in Europeans. *Proceedings of the National Academy of Sciences USA*, 94:12728-12731.
- Adams, D. C., and **Rosenberg, Michael S.** (1998) Partial-warps, phylogeny, and ontogeny: a comment on Fink and Zelditch (1995). *Systematic Biology*, 47:167-172.
- Qiu, W. -G., Bosler, E. M., Campbell, J. R., **Ugine, Gregory D.**, Wang, I. -N., Luft, B. J. and Dykhuizen, D. E. (1997) A population genetic study of *Borrelia burgdorferi* sensu stricto from eastern Long Island, New York, suggested frequency-dependent selection, gene flow and host adaptation. *Hereditas*, 127:203-216.
- Adams, D. C., Di Bitetti, M. S., Janson, C. H., Slobodkin, L. B., and **Valenzuela, Nicole**. (1997) An "audience effect" for ecological terminology: use and misuse of jargon. *Oikos*, 80:632-636.
- Wilson, W. H. and **Vogel, Erin R.** (1997) The foraging behavior of Semipalmated Sandpipers in the Upper Bay of Fundy: Stereotyped or prey sensitive? *Condor*, 99: 206-210.
- Qiu, W. -G., Bosler, E. M., Campbell, J. R., Ugine, G. D., **Wang, Ing-Nang**, Luft, B. J., and Dykhuizen, D. E. (1997) A population genetic study of *Borrelia burgdorferi* sensu stricto from eastern Long Island, New York, suggested frequency-dependent selection, gene flow and host adaptation. *Hereditas*, 127:203-216.
- Golde, W. T., Robinson-Dunn, B., Stobierski, M. G., Dykhuizen, D., **Wang, Ing-Nang**, Carlson, V., Stiefel, H., Shiflett, S., and Campbell, G. L. (1998) Culture-confirmed reinfection of a person with different strains of *Borrelia burgdorferi*. *Journal of Clinical Microbiology*, 36:1015-1019.
- Hasson, E., **Wang, Ing-Nang**, Zeng, L. -W., Kreitman, M., and Eanes, W. F. (in press) Nucleotide variation in the triosephosphate isomerase (*Tpi*) locus of *Drosophila melanogaster* and *D. simulans*. *Genetics*.
- Williams, Neal M.**, and Thomson, J. D. (in press) Trapline foraging by bumble bees: 3. Temporal patterns of visitation and foraging success at single plants. *Behavioural Ecology*.

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

- Adams, Dean C.** (1998) Analysis of landmark data from articulated structures. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*, Vancouver, British Columbia.
- Adams, Dean C.** (1998) Morphological and trophic variability in populations of *Plethodon cinereus* and *P. hoffmani* in south-central Pennsylvania. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution*, Vancouver, British Columbia.
- Adams, Dean C.** (1998) Morphological and trophic variability in populations of *Plethodon cinereus* and *P. hoffmani* in south-central Pennsylvania. *Fourth Highlands Conference on the Biology of Plethodontid Salamanders*, Highlands, North Carolina.
- AlGharaibeh, Waleed**, and Strauss, R. E. (1997) The statistical significance of bootstrap support frequencies for nodes on phylogenetic trees. *Annual Meeting of the Classification Society of North America*, Washington, D. C.
- Bely, Alexandra E.**, and Wray, G. A. (1997) Evolution of fission in naidid oligochaetes: insights from homeobox gene expression. *7th International Symposium on Aquatic Oligochaetes*, Presque Isle, Maine.
- Bely, Alexandra E.**, and Wray, G. A. (1997) Evolution of fission in oligochaetes: insights from homeobox gene expression. *Annual Meeting of the Society for Integrative and Comparative Biology*, Boston, Massachusetts.
- Biermann, Christiane.** (1998) Molecular evolution and phylogeography of the sperm protein bindin in strongylocentrotid sea urchins. *NATO Advanced Study Institute in Molecular Ecology*, Erice, Italy.
- Biermann, Christiane.** (1998) Population genetic structure and the molecular evolution of sperm bindin in strongylocentrotid sea urchins. *Ecological Genetics Group of the British Ecological Society*, St. Andrews, Scotland.
- Biermann, Christiane.** (1997) *Molecular evolution workshop*. Marine Biological Laboratory, Woods Hole, Massachusetts.
- Biermann, Christiane.** (1997) Population genetic structure and the molecular evolution of sperm bindin in strongylocentrotid sea urchins. *Molecular Genetics Laboratory*, National Zoological Park, Washington, D.C.
- Biermann, Christiane.** (1997) Population genetic structure and the molecular evolution of sperm bindin in strongylocentrotid sea urchins. *Fifth Annual Meeting of the Society for Molecular Biology and Evolution*, Garmisch-Partenkirchen, Germany.
- Biermann, Christiane.** (1997) Population genetic structure and the molecular evolution of sperm bindin in strongylocentrotid sea urchins. *Dunstaffnage Marine Laboratory*, Oban, Scotland.
- Knowles, L. L., **Coelho, André L.**, and Futuyma, D. J. (1998) Inbreeding effects on host shift potential 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*, Vancouver, British Columbia.
- Alexander, R. R., and **Dietl, Gregory P.** (1998) Comparison of stereotypic naticid predation on confamilial prey: Mid-Atlantic recent versus Miocene moonsnails. *Annual Meetings of the Geological Society of America*, Columbus, Ohio.
- Fang, Wei**, Kaplan, I., Montalvo, A., Jordan, M., and Gurevitch, J. (1998) Field experiments on factors limiting pitch pine seedlings after fire. *Annual Meeting of the Ecological Society of America*, Baltimore, Maryland.
- Gurevitch, J., **Fang, Wei**, Taub, D., and Jordan, M. (1998) Pitch pine regeneration after severe fire in the LI pine barrens. *Annual Meeting of the Ecological Society of America*, Baltimore, Maryland.
- Goodell, Karen.** (1998) Impacts of Invasions. *National Center for Ecological Analysis and Synthesis Workshop*, Santa Barbara, California.
- Knowles, L. Lacey.** (1997) Using coalescent theory to infer historical demography in the phytophagous beetle *Ophraella*. *New England Molecular Biology Meeting*, New Haven Connecticut.
- Knowles, L. Lacey**, Coelho, A. L., and Futuyma, D. J. (1998) Inbreeding effects on host shift potential 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*, Vancouver, British Columbia.
- Knowles, L. Lacey.** (1998) Effects of Pleistocene glaciations on diversification of montane grasshoppers in the Rockies.

Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution, Vancouver, British Columbia.

- Kurdziel, Josepha P.** and Levinton, J. S. (1998) Male dimorphism and combat in the marine amphipod *Jassa*: Do big thumbs win hands down? *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution, Vancouver, British Columbia.*
- Lowe, Christopher J.** (1997) The evolution of the echinoderm radial body plan by recruitment of body patterning genes. *Wellcome Institute, Cambridge University, Cambridge, United Kingdom.*
- Lowe, Christopher J.** (1997) Genetic recruitment of body patterning genes and the evolution of morphological novelty. *Department of Biochemistry, State University of New York at Stony Brook, Stony Brook, New York.*
- Lowe, Christopher J.** (1997) The evolution of the echinoderm radial body plan by recruitment of body patterning genes. *Department of Biology, University of Sussex, United Kingdom.*
- Lowe, Christopher J.** (1997) The George Cahill Lectureship. Hotchkiss School, Lakeville, Connecticut.
- Lowe, Christopher J.** (1997) Orthodenticle and Ciliary patterning during sea cucumber development. *Developmental Biology of the Sea Urchin XI, Woods Hole Massachusetts.*
- Lowe, Christopher J.,** and Wray, G. A. (1997) Radical alterations in the roles of homeobox genes during echinoderm evolution. *62nd Symposium: Pattern Formation During Development, Cold Spring Harbor Laboratories, Cold Spring Harbor, New York.*
- Lowe, Christopher J.,** and Wray, G. A. (1997) Radical alterations in the roles of homeobox genes during echinoderm evolution. *13th International Congress of Developmental Biology, Snowbird, Utah.*
- Sokal, R. R., and **Rosenberg, Michael S.** (1998) Ethnohistory, genetics, and cancer mortality in Europeans. *American Association of Physical Anthropologists Meetings, Salt Lake City, UT.*
- Rosenberg, Michael S.** (1998) Combat and Morphology in Fiddler Crabs (genus *Uca*). *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution, Vancouver, British Columbia.*
- Soucy, Sheryl L.,** and Roubik, D. W. (1997) The response of male euglossine bees to two presentation methods of volatile scent compounds. *Northeast Regional Animal Behavior Conference, Woods Hole, Massachusetts.*
- Valenzuela, Nicole.** (1998) Temperature dependent sex determination of the giant river turtle *Podocnemis expansa*. *Annual Meeting of the American Society of Naturalists, the Society for Systematic Biologists, and the Society for the Study of Evolution, Vancouver, British Columbia.*
- Valenzuela, Nicole.** (1998) Reproductive aspects of the giant river turtle *Podocnemis expansa* from Colombian Amazonia. *American Society of Ichthyologists and Herpetologists. Guelph, Ontario.*
- Williams, Neal M.** (1998) Pollen collecting preference and larval performance in the solitary bee *Osmia lignaria*. *Gordon Research Conference on Herbivore-Plant Interactions, Ventura, California.*
- Williams, Neal M.** (1997) Pollen preference and larval performance in a specialist versus a generalist solitary bee (Hymenoptera: Megachilidae). *Annual Meeting of the Ecological Society of America, Albuquerque, New Mexico.*
- Williams, Neal M.** (1997) Effective teaching in large classroom settings. *Annual Meeting of the Ecological Society of America, Albuquerque, New Mexico.*

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

Biermann, Christiane. (1997) NATO Post-Doctoral Fellowship. Department of Biological Sciences, *University of Hull*, Hull, United Kingdom.

Biermann, Christiane. (1998) Post-Doctoral Fellowship. Friday Harbor Laboratories, *University of Washington*, Seattle, Washington.

Craig, Sean. (1997) NATO Post-Doctoral Fellowship. *University of Wales at Bangor*, Bangor, United Kingdom.

Guttman, David. (1998) Post-Doctorate. Department of Molecular Genetics and Cell Biology, *University of Chicago*, Chicago, Illinois.

LaForest, Siana. (1997) Post-Doctorate. Department of Biology, *Massachusetts Institute of Technology*, Cambridge, Massachusetts.

Lowe, Christopher J. (1998) Miller Post-Doctoral Fellowship. Department of Molecular and Cellular Biology, *University of California, Berkeley*, Berkeley, California.

Martinez, Daniel. (1997) Assistant Professor. Department of Biology, *Pomona College*, Claremont, California.

Quintana-Ascensio, Pedro F. (1997) Assistant Professor. Department of Biology, *Universidad de Mexico*. Mexico City, Mexico.

Scheffer, Sonie. (1998) Staff Entomologist. *Systematic Entomology Lab, U. S. Department of Agriculture*. Washington D. C.

Taub, Daniel R. (1997) Postdoctorate. *Desert Research Institute, University of Nevada*, Reno, Nevada.

Teese, Paul. (1997) Director. *Bowman's Hill Wild Flower Preserve*, Bucks Co., Pennsylvania.

Wang, Ing-Nang. (1998) Postdoctorate. Department of Biochemistry and Biophysics, *Texas A&M University*, College Station, Texas.

ECONOMICS

GRADUATE DIRECTOR: MARK MONTGOMERY
DEPARTMENT CHAIR: WARREN SANDERSON

❖ Grants, Fellowships and Awards

Burke, Kathleen. (1996-97) Research Grant from the Population Council to support the work on the measurement of living standards from demographic data.

Mete, Cem. (1997-98) Research Grant from the Population Council to support the work on the development implications of the quantity-quality transition in Asia.

Zhao, Jianping. (Spring 1997) Research Grant from the Population Council to support the work on children's survival and schooling in Bangladesh.

Zhao, Jianping. (1997-98) Research Grant from the Population Council to support the work on the role of diffusion and social networks in developing-country fertility decline.

❖ Singly Authored Publications/Research Reports/Reviews

Burke, Kathleen A. (1998) Ph.D. State University of New York at Stony Brook. *Investing In Children's Human Capital In Tanzania: Does Household Illness Play A Role?*

Okada, Daijiro. (1997) Ph.D. State University of New York at Stony Brook. *Strategic Entropy and Complexity in Repeated Games.*

Zhang, Larry Y. (1997) Ph.D. State University of New York at Stony Brook. *Modeling High-Frequency Foreign Exchange Rate Dynamics'*

Prasad, Rohit. (1997) Ph.D. State University of New York at Stony Brook *A General Equilibrium Model of Public Goods and Macroeconomic Policy.*

ELECTRICAL AND COMPUTER ENGINEERING

GRADUATE DIRECTOR: CHI-TSONG CHEN

DEPARTMENT CHAIR: SERGE LURYI

❖ Grants, Fellowships and Awards

Dong, Shang-Ching. (1997) First prize for the Best Poster competition at the *CDADIC* Summer meeting.

Qi, Cai. (1998) Second prize for the Best Poster competition at the *CDADIC* Winter meeting.

Wang, Wenli. (1998) Fellowship from the *American Association of University Women*.

Xu, Xizhen. (1998) *Symbol Technologies* Graduate Fellowship.

Xu, Xizhen. (1998) Second prize for the Best Poster competition at the *CDADIC* Winter meeting.

❖ Jointly Authored Publications/Research Reports/Reviews

Bataineh, Sameer and Robertazzi, Thomas. (1997) "Performance Limits for Processor Networks with Divisible Job," *IEEE Transactions on Aerospace & Electronic Systems*, October 1997, pp. 1189-1198.

Charcranoon, Saravut, Robertazzi, Thomas and Luryi, Serge. (1998) "Cost Efficient Load Sequencing in Single Level Tree Networks," *Proceedings of the 1998 Conference on Information Sciences and Systems*, Princeton University, Princeton NJ.

G. L. Belenky, **Donetsky, D. V.**, C. L. Reynolds, R. F. Kazarinov, G. E. Shtengel, S. Luryi and J. Lopata. (1997) "Temperature performance of 1.3 μm InGaAsP/InP lasers with different profile of p-doping," *IEEE Photonics Technology Letters*, vol. 9, #12, pp. 1558-1560, December 1997.

Subbarao, M., and **Liu, Y. F.** (1997) "Analysis of Defocused Image Data for 3D Shape Recovery using a Regularization Technique," *SPIE* vol. 3204, pp. 24-35, Pittsburgh, PA, Oct. 1997

Liu, Y. F., Lo, N. W., Subbarao, M and Carlson, B. S. (1998) "Parallel Implementation of Unified Approach to Image Focus and Defocus Analysis on the Parallel Virtual Machine," *SPIE*, Vol. 3387, Aerosense '98, Orlando, FL. Apr. 1998.

Orlik, Philip and Rappaport, Stephen S. (1998) "Traffic Performance and Mobility Modeling of Cellular Communications with Mixed Platforms and Highly Variable Mobilities," *The Proceedings of the IEEE*, May 1998.

Pan, Jung-Lin, Djuric, Petar M. and Rappaport, Stephen S. (1998) "Multibeam Cellular Communication Systems with Dynamic Channel Assignment," *Proc. of IEEE Vehicular Technology Conference*, May. Ottawa, Canada.

Sohn, Jeeho, Robertazzi, Thomas and Luryi, Serge. (1998) "Optimizing Computing using Divisible Load Analysis," *IEEE Transactions on Parallel and Distributed Systems*.

Subbarao, M. and **Yuan, T.** (1997) "Integration of Defocus and Focus Analysis with Stereo for 3D Shape Recovery," *SPIE*, Vol. 3204, ISAM'97, Pittsburgh, PA.

Park, Yunsang and Rappaport, Stephen S. (1997) "Cellular Systems with Voice and Background Data," in D. J. Goodman and D. Raychaudhuri (Eds.): *Mobile Multimedia Communications*, (Plenum Press, New York, 1997). pp. 33-42.

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

- Donetsky, D. V.**, Belenky, G. L., Reynolds C. L. Jr., Kazarinov R. F., Luryi, S. (1997) "Effect of p-doping on carrier leakage and characteristic temperature T_0 of 1.3 μm strained InGaAsP/InP multiple quantum well lasers," *1997 Conference on Lasers and ElectroOptics*, May 18-23, Baltimore, MA.
- Belenky, G. L., **Donetsky, D. V.**, Reynolds, C. L. Jr., Kazarinov, R. F., Shtengel, G. E., Luryi, S. (1998) "Temperature performance of 1.3 μm InGaAsP/InP lasers with different profile of p-doping," *SPIE International Symposium on Optoelectronics '98*, January 24-30, San Jose, CA.
- Donetsky, D. V.**, Luryi, S. Reynolds, C. L. Jr., Belenky, G. L., Shtengel, G. E., Kazarinov, R. F. (1998) "Optimization of p-doping profile of 1.3 μm InGaAsP/InP MQW lasers for high temperature operation," *1998 Conference on Lasers & ElectroOptics*, May 3-8, San Francisco, CA.
- Gu, Daqing** and Rappaport, Stephen S. (1998) "A Dynamic Location Tracking Strategy for Mobile Communication Systems" *The IEEE Vehicular Technology Conference*, May 1998, Ottawa, Canada.
- Orlik, Philip** and Rappaport, Stephen S. (1997) "A Model for Teletraffic Performance and Channel Holding Time Characterization in Wireless Cellular Communications," *IEEE International Conference on Universal Personal Communications*, October 1997, San Diego, CA.
- Orlik, Philip** and Rappaport, Stephen S. (1997) "Traffic performance and Mobility Modeling of Cellular Communications with Mixed Platforms and Highly Variable Mobilities," *The IEEE Vehicular Technology Conference*, May 1997, Phoenix, AZ.
- Pan, Jung-Lin**, Djuric, Petar M. and Rappaport, Stephen S. (1998) "Multibeam Cellular Communication Systems with Dynamic Channel Assignment across Multiple Sectors," to appear in *Conference on Information Sciences and Systems (CISS)*, Princeton, NJ.
- Park, Yunsang** and Rappaport, Stephen S. (1998) "Performance Analysis of Session Oriented Data Communications for Mobile Computing in Cellular Systems," *INFORM '98*, March 9-11, Boca Raton, FL.

❖ **Post Doctorates Obtained and Professional Appointments**

- Dong, Shang-Ching**. Member of the Technical Staff, *Techwell, Inc.*, San Jose, CA.
- Qi, Cai**. analog IC design engineer, *Advanced Micro Devices*, Austin, TX.
- Zhu, Zheng**. Member of the Technical Staff, *Texas Instruments*, Dallas, TX.

ENGLISH

GRADUATE DIRECTOR: HELEN COOPER

DEPARTMENT CHAIR: CLIFFORD SISKIN

❖ Grants, Fellowships and Awards

Burns, Rod. (1997) NYCEA Graduate Fiction Prize.

Crane, Susan. (1997) Floyd L. Moreland Scholarship, \$1,000. *CUNY Latin/Greek Institute, City University of New York, New York, New York.*

Hickman, Trenton. (1997-98) Graduate Council Fellowship. *State University of New York at Stony Brook, Stony Brook, NY.*

Jarrells, Anthony. (1998) Fellowship for the School for Criticism and Theory at Cornell University. *State University of New York at Stony Brook, Stony Brook, NY.*

Lincoln, Sarah. (1997-8) University Council Postgraduate Merit Award, R13,750. *University of the Witwatersrand, Johannesburg, South Africa.*

Mason, Nicholas. (1997) Graduate Council Fellowship. *State University of New York at Stony Brook, Stony Brook, NY.*

Reed, Dorothy. (1997) W. Burghardt Turner Fellowship, \$13,520 plus full tuition scholarship. *State University of New York at Stony Brook, Stony Brook, NY.*

Sarkar, Farida. (1998) Vivian Hartog Award. *State University of New York at Stony Brook, Stony Brook, NY.*

Vassos, Ines Patricia. (1997-98) W. B. Turner Fellowship. *State University of New York at Stony Brook.*

❖ Singly Authored Publications/Research Reports/Reviews

Burns, Rod. (1998) "The Joy of Flix: a Gourmet Guide to Film in the Writing Classroom," *Proceedings of the Twelfth Annual Conference of the SUNY Council on Writing.* <<http://www.sunygeneseescc.ny.us/fac/gayford/12thconfpro.htm>>

Burns, Rod. (in press) "Three Prose Poems," *Rio: a Journal of The Arts*, vol 3. 1.

Burns, Rod. (in press) "A Bunch of Fives," *Pink Cadillac: A Quarterly Review of Literature*, vol 1. 2.

Burns, Rod. (1997) "The Junket Road," "The Haiku," *Rio: a Journal of The Arts*, vol 2. 2.

Burns, Rod. (1997) "Phyllis: A Nightmare in Seven Scenes," *Rio: a Journal of The Arts*, vol 2. 1.

Burns, Rod. (1997) "In the Railway Museum," *Pink Cadillac: A Quarterly Review of Literature*, vol 1. 1.

Good, Tina. (1997) "What About Grammar?" *The Writing Program Newsletter.* Spring. 1997. State University of New York at Stony Brook.

Herman, Matt. (1997) "Understanding the Culturalist Reading Paradigm," *Northwest Review*, Fall 1997.

Hickman, Trenton. (1997) "Essay Questions," *Southwest Review*, Vol. 82: 382-383.

Lin, Jiann-guang. (in press) "The Cultural Allegory of Late Capitalism: A Study of Philip K. Dick's *Do Androids Dream of Electric Sheep?*" *Chung Wai Literary Monthly*, Taiwan.

Lin, Jiann-guang. (in press) "Postmodernism/Technology/Human: On American Science Fiction and Films of the 80s and 90s," *National Film Archive*, Taiwan.

Sahay, Amrohini. (in press) "Transforming Race Matters: Toward a Critique-al Cultural Studies," *Cultural Logic.*

Sahay, Amrohini. (1997) "'Cybermaterialism' and the Invention of the Cybercultural Everyday," *New Literary History*, Vol. 28, No. 3.

Sahay, Amrohini. (1997) ". . . is the riddle of history," *New Literary History* Vol. 28, No. 3.

Sarkar, Farida. (1998) "Contributions to Bengal Studies, an interdisciplinary and international approach," *Enayetur*, Rahim and Henry Schwarz, Eds. Pustaka, Dhaka, Bangladesh.

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

Behrent, Megan. (1998) "Immigration, Emigration, and Exile: the Figure of the 'Benn-to' in Aidoo's Writing," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Burns, Rod. (1997) "A Bunch of Fives," *NYCEA Spring Conference*. Rochester, NY.

Burton-Swift, Julie. (1998) "Interrogating the Repressed/Resisting Body in Alice Walker's *Possessing the Secret of Joy*," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Chinchillo, Melissa. (1998) "Making Ends Meet: Historical Trauma of the Apocalypse in Joan Didion's *The White Album* and Ann Beattie's *Chilly Scenes of Winter*," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Chinchillo, Melissa. (1998) Poetry Reading. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Chinchillo, Melissa. (1997) "The Coming Out Phenomenon: *Ellen, In & Out*, and Postmodern Paradigms," *Northeast Popular Culture Association Conference*. Wentworth Institute, Boston, MA.

Chinchillo, Melissa. (1997) "Teaching the Argumentative Essay," *Writing Program Teaching Workshops*. State University of New York at Stony Brook, Stony Brook, NY.

Crane, Susan. (1998) "Tracing the Allegorical Landscape of Jane Austen's *Emma*," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Crane, Susan. (1998) "Reinforcing Respect in the Student-Teacher Relationship," *Conference on College Composition and Communication (4Cs)*. Palmer House Hilton, Chicago, Illinois.

Frangos, Jenni. (1998) "Imposing on His Majesty's Subjects: or, *The Female Husband* as Conduct Book," *Fourth Annual Eighteenth-Century Studies Group & Victorian-Edwardian Studies Group Graduate Student Conference*. New York University, New York, New York.

Good, Tina. (1998) Roundtable on "Authority in the Classroom: The Untold Story," *ACTE Conference on College Composition and Communication*. Chicago, IL.

Good, Tina. (1997) "The Textuality of the Warrior Ethic in Anglo-Saxon Poetry," *Southeastern Medieval Association Conference*. Nashville, TN.

Good, Tina. (1997) "Textualizing the Easter Controversy: A Study of Bede's *Ecclesiastical History of the English People*," *The Ninth Annual Graduate Student Conference*. Tufts University, Medford, MA.

Good, Tina. (1997) "The Ideology behind Anglo-Saxon Textuality," *Boreas Graduate Student Conference on Medieval Studies*. State University of New York at Stony Brook, Stony Brook, NY.

Herman, Matt. (1998) "North American Indigenism and Postcolonialism Today," *Native American Studies Conference*. Boise State University, Boise, ID.

Hickman, Trenton. (1998) Poetry Reading. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Igarishi, Michelle. (1997) "Clustering in the Exeter Book Riddles: 'Homiletic Fragment II' to the 'Husband's Message.'" *Southeastern Medieval Association Annual Conference*, Vanderbilt University.

Jarrells, Anthony. (1998) "Jameson's Late Marxism," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

Jarrells, Anthony. (1997) "The Darker Side of Trade, The Other Side of Self: Defoe's Captain Singleton," *Group for Early Modern Cultural Studies*. Chapel Hill, NC.

Jarrells, Anthony. (1997) "Gender and Genre in Aphra Behn," *The Aphra Behn Society Conference (NEASECS)*.

Southern Connecticut State University, Hew Haven, CT.

- Keller, James.** (1998) "Bethou-ing me: Dwelling on Prereflective Terrain with Stevens and Merleau-Ponty. " *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Keller, James.** (1998) "Critical Re-prioritizations: An Argument for Considering 'Writing Across the Curriculum' as a Subcategory of 'Disclosive Com-position.'" *Thirteenth Annual Teaching Conference*. State University of New York, Genesee, Genesee, NY.
- Johnsen, Heidi,** Yood, Jessica and Nagle, Christopher. (1998) "Hypertext, Rhetoric & the Global Village at the *fin de sicle*," *Rhetoric Society of America*. Pittsburgh, PA.
- Lincoln, Sarah.** (1997) "Mary Seacole's Great Exhibition: Writing Identity on the Margins of Empire," *Victorian Literature and Culture*. State University of New York, Binghamton, Binghamton, NY.
- Lincoln, Sarah.** (1997) "Mary Seacole's Great Exhibition: Mapping Identity on the Margins of Empire," *Geography and Genre Conference*. Fordham University, New York.
- Lincoln, Sarah.** (1997) "Licking the Feet of the Native: Defoe's Wild Men," *Group for Early Modern Cultural Studies Conference*. Chapel Hill, NC.
- Lincoln, Sarah.** (1998) "Making Ourselves at Home: Exile, Identity, and Cross-Cultural Dialogues in the (Post)-Colonial Context," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Lincoln, Sarah.** (1998) "Making Ourselves at Home: Exile, Identity, and Cross-Cultural Dialogues in the Post-Colonial Context," *African Literature Association Conference*. Austin, TX.
- Mason, Nicholas.** (1997) "Order and Class in Edgeworth's *Belinda*: Reinstating Paternalism in an Age of Social Chaos," *The Aphra Behn Society Annual Meeting*. Southern Connecticut State University, New Haven, CT.
- Mendelson, Laura.** (1998) "'Acting the Part': The Theatricality of Prostitution, the Spoils of Empire, and Female Virtue in Sheridan's *Memoirs of Miss Sidney Bidulph*," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Mendelson, Laura.** (1998) "'Acting the Part': The Theatricality of Prostitution, the Spoils of Empire, and Female Virtue in Sheridan's *Memoirs of Miss Sidney Bidulph*," *Experience and Experiment: Constructing Knowledge in the Eighteenth and Nineteenth Centuries*. New York University, NY NY.
- Mendelson, Laura.** (1997) "The Actress and the Prostitute, the Theater and the Brothel: Defoe's *Roxana* and the Fictions of Empire," *Group for Early Modern Cultural Studies Conference*. Chapel Hill, NC
- Mendelson, Laura.** (1997) "Fanny Hill's Voyeuristic Imperialism," *The Aphra Behn Society*. Southern Conn. State University, New Haven, CT.
- Nagle, Christopher,** Johnsen, H. L. and Yood, Jessica. (1998) "Hypertext, Rhetoric & the Global Village at the *fin de sicle*," *Rhetoric Society of America*. Pittsburgh, PA.
- Nagle, Christopher.** (1998) "Queer Seductions," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Nagle, Christopher.** (1997) "Semblance/Self: Category Crises of MiscegeNation in *The Wanderer*," *Southcentral Society for Eighteenth Century Studies*. San Antonio, TX.
- Nagle, Christopher.** (1997) "Burney's Body Language," *Aphra Behn Society*. Southern Conn. State University, New Haven, CT.
- Reed, Dorothy.** (1998) "Worn Stirring Stick: The African Woman through African-American Feminist Eyes," *African Literature Association Conference*. Austin, TX.
- Snyder, Carey.** (1998) "The Spectacle of Urban Ethnography in the 'Savage South Africa' Exhibition of 1899," *NYU Victorian-Edwardian Studies Group and Eighteenth-Century Group Graduate Student Conference*. NYU, NY.

- Snyder, Carey.** (1997) "H. G. Wells' *The Island of Dr. Moreau* as Ethnographic Grotesque," *Considered Unsilently Conference*, University of Leeds, England.
- Snyder, Carey.** (1997) "'Atoms Flying in the Void': *The Voyage Out* as a Novel of de-Formation," *The Seventh Annual Virginia Woolf Conference*. Plymouth, New York.
- Stow, Sarah.** (1998) "Who's/Whose Remembering: Trauma and Memory in *To Live* and *The Blue Kite*," *TERRAINS: Landscapes/Bodyscapes*. State University of New York at Stony Brook, Stony Brook, NY.
- Vassos, Ines Patricia.** (1998) "Paule Marshall's and Jamaica Kincaid's Use of the Adolescent Body in Negotiating Race, and Gender Constructions," *TERRAINS: Landscapes/Bodyscapes*. State University of New York at Stony Brook, Stony Brook, NY.
- Warshauer, Leanne.** (1997) "Rhetoric of Praise and Loss of Blackness in Olaudah Equiano's *The Interesting Narrative*," *Northeast American Society for Eighteenth Century Studies*. Boston, MA.
- Warshauer, Leanne.** (1997) "The Stylistics of Social Class in Jane Austen's Novels," *Aphra Behn Society Annual Conference*. Southern Connecticut State University, New Haven, CT.
- Warshauer, Leanne.** (1998) "The Monstrosity of Human Passion: An Allegorical Reading of *Frankenstein*," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Warshauer, Leanne.** (1998) "Reinventing the Workshop in Small But Meaningful Ways," Roundtable, Authority in the Classroom: The Untold Story. *Conference on College Composition and Communication*. Chicago, IL.
- Yood, Jessica.** (1997) "How Aphra Behn's Use of Journalism Changes the Debate on the Early Novel," *Aphra Behn Society*. Southern Conn. State University, New Haven, CT.
- Yood, Jessica.** (1997) "Using Conferences to Change Writing Pedagogy," *Writing Program Teaching Workshops*. State University of New York at Stony Brook, Stony Brook, NY.
- Yood, Jessica.** (1998) "Novelty's Rhetoric," *Rhetoric Society of America Conference*. Pittsburgh, PA.
- Yood, Jessica, Nagle, Christopher and Johnsen, H. L.** (1998) "Hypertext, Rhetoric & the Global Village at the *fin de siècle*," *Rhetoric Society of America*. Pittsburgh, PA.
- Yood, Jessica.** (1998) "Aphra Behn & Joan Didion: Reporting the End of the Century," *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

❖ Professional Appointment

- Igarishi, Michelle.** (1997-98) Writing Program Assistant, *State University of New York at Stony Brook*, Stony Brook, NY.

❖ Translation

- Sarkar, Farida.** (1997) Co-translator, *The Vintage Book of Contemporary World Poetry*. Ed. J. D. McClatchy. NY: Vintage Books.

❖ Others

- Burns, Rod.** (1997-98) Founder and Editor, *Snark: A Journal of Fiction, Poetry and Translation*. Current Issue: vol 3. 1.
- Chinchillo, Melissa.** (1997-98) President, *Graduate English Society*, State University of New York at Stony Brook, Stony Brook, NY.
- Chinchillo, Melissa.** (1997-98) Chair, Conference Organizing Committee. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Chinchillo, Melissa.** (1998) Chair, "Queer Geographies of Pleasure" Panel. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Chinchillo, Melissa.** (1998) Chair, "Creative Writing Symposium" Panel. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.

- Chinchillo, Melissa.** (1998) Chair, "Aesthetic Topos" Panel. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Chinchillo, Melissa.** (1997) Graduate Coordinator, "*Engaging the Profession*": A Lecture Series. State University of New York at Stony Brook, Stony Brook, NY
- Hickman, Trenton.** (1997-98) Vice President, *Graduate English Society*. State University of New York at Stony Brook, Stony Brook, NY.
- Hickman, Trenton.** (1998) Creative Writing Chair, Conference Organizing Committee. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Hickman, Trenton.** (1998) Chair, Creative Writing Panel. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Keller, James.** (1997-98) Coordinator, *Association of Philosophy and Literature*.
- Keller, James.** (1997-98) Assistant Editor, *Continental Philosophy Book Series*.
- Lincoln, Sarah.** (1997-) Editorial Assistant, *Victorian Literature and Culture*. State University of New York at Stony Brook, Stony Brook, NY.
- Lincoln, Sarah.** (1997-98) Co-Chair, Conference Organizing Committee. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Nagle, Christopher.** (1998) Chair, "Bodies in Pieces" Panel. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook, Stony Brook, NY.
- Nagle, Christopher.** (1997-98) Co-Chair, Conference Organizing Committee. *TERRAINS: Landscapes/Bodyscapes Conference*. State University of New York at Stony Brook.
- Nagle, Christopher.** (1997) Chair, "Aphra Behn: Colonial Discourse at Home and Abroad" Panel. *Aphra Behn Society*. Southern Conn. State University, New Haven, CT.
- Sahay, Amrohini.** (1997) Co-editor, *The Alternative Orange. Special Issue, The Privatization of Public Education: Capitalism and its Knowledge Industries*, Vol. 5, No. 2.
- Snyder, Carey.** (1997-8) Graduate Coordinator. "*Engaging the Profession*": A Lecture Series. State University of New York at Stony Brook, Stony Brook, NY.

GENETICS

GRADUATE DIRECTOR SIDNEY STRICKLAND

❖ Grants, Fellowships and Awards

Tello-Ruiz, Marcela K. (1997) Fulbright Fellowship, \$12,000. *Consejo Nacional de ciencia y Tecnologia, and Institute of International Education (CONACYT/IIIE)*, Mexico/USA.

Tello-Ruiz, Marcela K. (1997) DKG World Fellowship, \$500. *Delta Kappa Gamma Society International*, USA

Tubon, Thomas. (1998) *American Association of Cancer Research* Minority Scholar Award. \$1,000. *American Association of Cancer Research*.

❖ Jointly Authored Publications/Research Reports/Reviews

Ford, Ethan, and Hernandez, N. (1997) Characterization of a trimeric complex containing Oct-1, SNAPc, and DNA. *Journal of Biological Chemistry*, 272:16048-16055.

Goto, H., Motomura, S., Wilson, A. C., **Freiman, Richard N.**, Nakabeppu, Y., Fukushima, K., Fujishima, M., Herr, W., and Nishimoto, T. (1997) A single-point mutation in HCF causes temperature-sensitive cell-cycle arrest and disrupts VP16 function. *Genes and Development*, 11:726-737.

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

Moore, James M., Vielle-alzada, J. -P., Gagliano, W., and Grossniklaus, U. (1997) Genetic Characterization of *hadad*, a Mutant Disrupting Female Gametogenesis in *Arabidopsis thaliana*. *Cold Spring Harbor Symp. Quant. Biol.*, 62:35-47.

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

Samuelson, Andrew, and Lowe, S. W. (1997) Selective induction of p53 and chemosensitivity in RB-deficient cells by E1A mutants unable to bind the retinoblastomere-related proteins. *Proceedings of the National Academy of Sciences, USA*.

Wreden, C., Verrotti, A. C., **Schisa, Jennifer A.**, Lieberfarb, M. E., and Strickland, S. (1997) Nanos and pumilio establish embryonic polarity in *Drosophila* by promoting posterior deadenylation of hunchback mRNA. *Development*, 124:3015-3023.

Settles, A. Mark, Yonetani, A., Baron, A., Bush, D. R., Cline, K., and Martienssen, R. (1997) Sec-Independent Protein Translocation by the Maize HCF106 protein. *Science*.

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

Moore, James M., and Grossniklaus, U. (1998) Characterization of Female Gametophyte Lethality Among Transposon Insertion Mutants in *Arabidopsis*. *New York Area Plant Molecular Biology Meeting 1998*, New York, New York.

❖ **Post Doctorates Obtained**

Colley, W. Cliff. (1997) Postdoctoral Fellow. Department of Biology, *University of Southern Mississippi*, Mississippi.

Davis, Luther. (1997) Postdoctoral Fellow. *Fred Hutchinson Cancer Research Center*, Seattle, Washington.

Freiman, Richard. (1997) Postdoctoral Fellow, Department of Molecular and Cellular Biology, *University of California at Berkeley*, Berkeley, California.

Golling, Gregory. (1998) Postdoctoral Fellow. Department of Biology, *Massachusetts Institute of Technology*, Massachusetts.

Schisa, Jennifer. (1997) Postdoctoral Fellow. *Fred Hutchinson Cancer Research Center*, Seattle, Washington.

GEOSCIENCES

GRADUATE DIRECTOR: JOHN PARISE

DEPARTMENT CHAIR: ROBERT C. LIEBERMANN

❖ Grants, Fellowships and Awards

Flesch, Lucy. (1997) ESS Outstanding Teaching Assistant Award.

Zhu, Wenlu. (1997) 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

Bennett, Andrew. (1997) MS Degree, "Modeling the effects of stratigraphic heterogeneities on contaminant transport in groundwater."

Cooke, Joseph. (1997) MS Degree, "Ultronsonic Measurements of the Elastic Wave Velocities of $Mg_3Al_2Si_3O_{12}$ Pyrope - Garnet to 9 GPa at Room Temperature"

Haq, Saad. (1997) MS Degree, "The Role of Terrane Translation in Oblique Margin Strain Partitioning: With Examples in the Sulaiman, Pakistan"

Flesch, Lucy. (1997) MS Degree, "Sound Velocities of $MgSiO_3$ - Orthopyroxene to 10 GPa at room Temperature,"

Fuhrmann, Mark. (1997) MS Degree, "Chronostratigraphy and Dolomitization of the Seroe Domi Formation, Curacao, Netherlands, Antilles."

Li, Rui. (1997) MS Degree, "Single Crystal X-ray Study of Mg End-member Hydrous Wadsleyite"

Liu, Jun. (1997) MS Degree, "Calorimetric study of the coesite-stishovite transformation and calculations of the phase boundary"

Rawling, Geoffrey. (1997) MS Degree, "Dilatancy and Anisotropy During Brittle Deformation of Gneiss."

Simon, Adam. (1997) MS Degree, "An Experimental Study of the Evolution of Ferrodioritic Liquid Residual to Anorthosite in the Laramie Anorthosite Complex, Wyoming, USA."

Sinelnikov, Yegor. (1997) MS Degree, "Elasticity of $CaTiO_3$ - $CaSiO_3$ Perovskites at High Pressures."

Xiang, Xia. (1997) MS Degree, "Thermal elasticity of brucite and portlandite: P-V-T measurement and brillouin spectroscopy."

Xirouchakis, Dimitrios. (1997) Ph. D. degree, "The Stability and Petrologic Importance of Titanite (Sphene)."

Xu, Yong. (1997) Ph. D. Degree, "Kinetics of Sulfur Redox Transformation: The Role of Intermediate Sulfur Oxyanions and Mineral Surfaces."

❖ Jointly Authored Publications/Research Reports/Reviews

Brown, C. J., Scorca, M. P., Stockar, G. G., Stumm, Frederick, and Ku, H. F. H. (1997) 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* 96-4289, 37 p.

Flesch, L. M., B. Li, and R. C. Liebermann. (in press) Sound velocities of polycrystalline $MgSiO_3$ - Orthopyroxene to GPa at room temperature, *American Mineralogist*, (1998).

Lee, Yongjae, Jonathan Hanson, Stuart W. Carr, and John B. Parise. (in press) Characterization of K^+ -ion Exchange into Na-LSX using Time Resolved Synchrotron X-ray Powder Diffraction and Rietveld Refinement. Accepted by *IZA*.

- Lev, S. M.**, McLennan, S. M., Meyers, W. J. and Hanson, G. N. (in press) A petrographic approach for evaluating trace-element mobility in a black shale, *Journal of Sedimentary Research Part A: Sedimentary Petrography and Processes*.
- Flesch, L. M., **Li, B.**, and R. C. Liebermann. (in press) Sound velocities of polycrystalline MgSiO₃ - Orthopyroxene to GPa at room temperature, *American Mineralogist*.
- Lu, F. H.**, Meyers, W. J., and Schoonen, M. A. (1997) Minor and trace element analyses from gypsum: an experimental study. *Chemical Geology*. V66, p. 1-16.
- McDaniel, D. K.**, Sevigny, J. H., Hanson, G. N., and McLennan, S. M. (1997) Grenvillian Provenance for the amphibolite-grade Trap Falls Fm. : *Implications for Early Paleozoic Tectonic History of New England: Canadian Journal of Earth Sciences*, 34, 1286-1294.
- Rakovan, J., **McDaniel, D. K.** and Reeder, R. J. (1997) Surface-controlled REE sectoral zoning in apatite yields a single-crystal 43.8 ± 4.7 Ma age: *Earth and Planetary Science Letters*, 146, 329-336.
- McDaniel, D. K.**, McLennan, S. M., and Hanson, G. N. (1997) Provenance of Amazon Fan muds: constraints from Nd and Pb isotopes: In *Proceedings of the Ocean Drilling Program, Scientific Results*, 155, Chapter 8, pp. 169-176, College Station, TX.
- Rakovan, J., **McDaniel, D. K.** and Reeder, R. J. (1997) Surface-controlled REE sectoral zoning in apatite yields a single-crystal 43.8 ± 4.7 Ma age: *Earth and Planetary Science Letters*, 146, 329-336.
- Rasbury, E. Troy**, Hanson, Gilbert N., Meyers, William J., Holt, William E., Goldstein, Robert H., and Saller, Arthur H. (in press) U-Pb dates of paleosols: Constraints on late Paleozoic cycle durations and boundary ages: *Geology*.
- Saller, A. H., Dickson, J. A. D., **Rasbury, E. Troy**, and Ebato, T. (in press) *Effects of long-term accommodation changes on short-term cycles, late Paleozoic platform limestones, West Texas*: in P. M. Harris, A. H. Saller, and A. Simo, eds, *SEPM Special Publication, Introduction to advances in carbonate sequence stratigraphy- application to reservoirs, outcrops and models*.
- Marcantonio, F., Higgins, S., Anderson, R. F., Stute, M. Schlosser, P., and **Rasbury, E. Troy**. (in press) Terrigenous helium in deep-sea sediments. *Geochimica et Cosmochimica Acta*.
- Rasbury, E. Troy**, Hanson, G. N., Meyers, W. J., and Saller, A. H. (1997) Dating of the time of sedimentation using U-Pb ages of paleosol calcite. *Geochimica et Cosmochimica Acta*, v. 61, p. 1525-1529.

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

- Davis, D. M., **Bernard, M.**, Holt, W. E., Haq, S. S. B. (1998) The Complex Relationship Between Plate Convergence Direction and Foldbelt Geometry: Examples from Pakistan. *1988 Spring AGU Meeting*. Boston, Massachusetts.
- Bernard, M.**, Davis, D. M., Holt, W. E. (1998) Shallow seismic reflection in glaciotectionic Hither Hills, Long Island. *Conference on the Geology of Long Island and Metropolitan New York*. Stony Brook, New York.
- Brown, C. J.**, Coates, J. D., and Schoonen, M. A. A. (1997) Characterization of localized sulfate-reducing zones in the Magothy aquifer, Long Island, New York: in *Biological Aspects of Ground Water, Program with Abstracts*: National Groundwater Association, Las Vegas, September 4-6, 1997, p. 111.
- Brown, C. J.** Presentation to the *Advisory Council of the Long Island Groundwater Research Institute* on concerns of water supply companies on iron problems in Nassau County.
- 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, *Spring Meeting*, Baltimore, MD.
- Liebermann, R. C., G. Chen, B. Li, L. M. Flesch, G. D. Gwanmesia, Y. Sinelnikov, **Cooke, J. A. Jr.**, J. Liu, J. Chen, M. T. Vaughan and D. J. Weidner. (1997) Ultrasonic studies of the elasticity of mantle minerals at high pressures and temperatures in multi-anvil apparatus in conjunction with synchrotron X-ray radiation determination of the equation of state, *Eos, Trans. American Geophysical Union*, *AUG Fall Meeting*, San Francisco, CA.
- Liebermann, R. C., G. Chen, B. Li, L. M. Flesch, J. Liu, Y. D. Sinelnikov, **Cooke, J. A. Jr.**, and G. D. Gwanmesia. (1998) Elasticity of mantle minerals determined by ultrasonic measurements at the P and T conditions of the Earth's

transition zone, *VII International symposium, Experimental Mineralogy, Petrology and Geoschemistry (EMPG)*, 14-16 April, Orleans France.

- Flesch, L. M.**, B. Li, and R. C. Liebermann. (1997) Sound velocities of polycrystalline MgSiO_3 to 10 Gpa at room temperature, DOS, *Trans. American Geophysical Union*, 78, S312, *Spring Meeting*, Baltimore, MD.
- Li, B., J. Liu, **Flesch, L. M.**, R. C. Liebermann, J. Chen, M. T. Vaughan, D. J. Weidner. (1997) P-V-Vp-Vs-T measurements in Wadsleyite (Mg_2SiO_4) to 7 GPa 900K using simultaneous ultrasonic interferometry and in situ X-ray diffraction, EOS, *Trans. American Geophysical Union*, 78, S312, *Spring Meeting*, Baltimore, MD.
- Liebermann, R. C., G. Chen, B. Li, **Flesch, L. M.** G. D. Gwanmesia, Y. Sinelnikov, J. A. Cooke, Jr., J. Liu, J. Chen, M. T. Vaughan and D. J. Weidner. (1997) Ultrasonic studies of the elasticity of mantle minerals at high pressures and temperatures in multi-anvil apparatus in conjunction with synchrotron X-ray radiation determination of the equation of state, Eos, *Trans. American Geophysical Union, AUG Fall Meeting*, San Francisco, CA.
- Liebermann, R. C., G. Chen, B. Li, **Flesch, L. M.** J. Liu, Y. D. Sinelnikov, J. A. Cooke Jr., and G. D. Gwanmesia. (1998) Elasticity of mantle minerals determined by ultrasonic measurements at the P and T conditions of the Earth's transition zone, *VII International symposium, Experimental Mineralogy, Petrology and Geoschemistry (EMPG)*, 14-16 April, Orleans France.
- Davis, D. M., Bernard, M., Holt, W. E., **Haq, S. S. B.** (1998) The Complex Relationship Between Plate Convergence Direction and Foldbelt Geometry: Examples from Pakistan. *1988 Spring AGU Meeting*. Boston, Massachusetts.
- Kreemer, C.**, Goes, S., Govers, R., Holt, W. E. (1998) Active deformation of eastern Indonesia and the Philippines inferred from seismicity and geodetic data, *13th General Assembly of EGS*, Nice, France.
- Kreemer, C.**, Govers, R., Goes, S., Holt, W. E. (1997) Seismic strain and displacements within South-East Indonesia, *AGU Fall Meeting*, Eos Transactions, 78 (48), p. 719, San Francisco, California.
- Lee, Yongjae**, Poul Norby, and John B. Parise (1997) Location of CF3Cl in partially-hydrated maximum aluminium Na, K-X from synchrotron XRD data collected at *15K CHIPR meeting* at Chestnut Town.
- Lee, Yongjae**, Michael L. Myrick, and John B. Parise (1997) Ion exchange of K+ in zeolite Na-LSX: Combined in situ and ex situ synchrotron powder diffraction study. *1st NECZA meeting* at Philadelphia.
- 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 (Mg_2SiO_4) to 7 GPa 900K using simultaneous ultrasonic interferometry and in situ X-ray diffraction, Eos, *Trans. American Geophysical Union*, 78, S312, *Spring Meeting*, Baltimore, MD.
- Liebermann, R. C., G. Chen, B. Li, L. M. Flesch, G. D. Gwanmesia, Y. Sinelnikov, J. A. Cooke, Jr., **Liu, J.**, J. Chen, M. T. Vaughan and D. J. Weidner. (1997) Ultrasonic studies of the elasticity of mantle minerals at high pressures and temperatures in multi-anvil apparatus in conjunction with synchrotron X-ray radiation determination of the equation of state, Eos, *Trans. American Geophysical Union, AUG Fall Meeting*, San Francisco, CA, USA.
- Li, B., **Liu, J.**, L. Flesch, R. C. Liebermann, J. Chen, M. T. Vaughan, D. J. Weidner. (1997) P-V-Vp-Vs-T measurements in Wadsleyite (Mg_2SiO_4) to 7 GPa 900K using simultaneous ultrasonic interferometry and in situ X-ray diffraction, Eos, *Trans. American Geophysical Union*, 78, S312, *Spring Meeting*, Baltimore, MD.
- Liebermann, R. C., G. Chen, B. Li, L. M. Flesch, **Liu, J.**, Y. D. Sinelnikov, J. A. Cooke Jr., and G. D. Gwanmesia. (1998) Elasticity of mantle minerals determined by ultrasonic measurements at the P and T conditions of the Earth's transition zone, *VII International symposium, Experimental Mineralogy, Petrology and Geoschemistry (EMPG)*, 14-16 April, Orleans France.
- Liu, J.**, G. Chen, G. D. Gwanmesia, and R. C. Liebermann. (1998) Elasticity of a yrope-majorite garnet to 8 GPa, Eos, *Trans. American Geophysical Union, Spring Meeting*, Boston, MA.
- Sinelnikov, Y. D., G. Chen, R. C. Liebermann, D. R., Neuville, H. Kagi, **Liu, J.**, M. T. Vaughan, D. J. Weidner. (1998) Shear Wave Velocity of MgSiO_3 Perovskite to 8 GPa and 820 K, Eos, *Trans. American Geophysical Union, Spring Meeting*, Boston, MA.
- Rasbury, E. Troy.** (1997) Age of the Carboniferous-Permian boundary based on U-Pb dating of paleosol calcite, Tulane University, New Orleans, Louisiana.
- 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.

- 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.
- Ren, Jinwei, Holt, W. E., **Shen-Tu, B.** (1997) Deformation kinematics of central and southeast Asia, *1997 Spring AGU Meeting*, Baltimore, Maryland.
- Shen-Tu, Bingming**, Holt, W. E., Haines, A. J. (1997) The complete horizontal velocity gradient tensor field in the western U. S. determined from earthquake moment tensors, Quaternary fault slip rates, and space geodetic data. *1997 Fall AGU Meeting*, San Francisco, California.
- Ren, Jinwei, Holt, W. E., **Shen-Tu, B.** (1997) The anticlockwise rotation of southeast Asia, *1997 Fall AGU Meeting*, San Francisco, California.
- Liebermann, R. C., G. Chen, B. Li, L. M. Flesch, G. D. Gwanmesia, **Sinelnikov, Y.**, J. A. Cooke, Jr., J. Liu, J. Chen, M. T. Vaughan and D. J. Weidner. (1997) Ultrasonic studies of the elasticity of mantle minerals at high pressures and temperatures in multi-anvil apparatus in conjunction with synchrotron X-ray radiation determination of the equation of state, *Eos, Trans. American Geophysical Union, AUG Fall Meeting*, San Francisco, CA.
- Liebermann, R. C., G. Chen, B. Li, L. M. Flesch, J. Liu, **Sinelnikov, Y.**, J. A. Cooke Jr., and G. D. Gwanmesia. (1998) Elasticity of mantle minerals determined by ultrasonic measurements at the P and T conditions of the Earth's transition zone, *VII International symposium, Experimental Mineralogy, Petrology and Geochemistry (EMPG)*, Orleans France.
- Sinelnikov, Y.**, G. Chen, R. C. Liebermann, D. R., Neuville, H. Kagi, J. Liu, M. T. Vaughan, D. J. Weidner. (1998) Shear Wave Velocity of MgSiO₃ Perovskite to 8 GPa and 820 K, *Eos, Trans. American Geophysical Union, Spring Meeting*, Boston, MA.
- Zeng, Q.**, Nekvasil H. and Grey C. P. (1997) Invited talk: Interaction between water and albite glass: Information from TRAPDOR NMR study. *Silicate Melts and Geochemistry Workshop*. University of California at Davis, Davis, California.
- Zeng, Q.**, Nekvasil H. and Grey C. P. (1997) Structure of hydrous albite glasses: Information from ²⁷Al/¹H and ²³Na/¹H TRAPDOR NMR study. *American Geophysical Union Spring Meeting*, Baltimore, Maryland.
- Zeng, Q.**, Nekvasil H. and Grey C. P. (1997) Water solubility mechanisms in NaAlSi₃O₈ and KAlSi₃O₈ melts: Structure information from glass degassing experiments. *European Union of Geosciences*, Strasbourg, France.

❖ Abstracts

- John B. Parise, Yongjae Lee, **Cahill, Christopher L.**, Jonathan C. Hanson, Uwe V. Preckwinkel, and James C. Phillips. (1998) (abstract submitted). Characterization of K⁺ Ion Exchange into Na-LSX Zeolite using Time Resolved Synchrotron X-ray Powder Diffraction *ACA meeting* at Washington D. C.
- John B. Parise, **Lee, Yongjae**, Christopher L. Cahill, Jonathan C. Hanson, Uwe V. Preckwinkel, and James C. Phillips (1998) (abstract submitted). Characterization of K⁺ Ion Exchange into Na-LSX Zeolite using Time Resolved Synchrotron X-ray Powder Diffraction *ACA meeting* at Washington D. C.
- Lev, S. M.**, McLennan, S. M. and Hanson, G. N. (1997), Sm-Nd and Th-U-Pb isotope systematics of black shale diagenesis, *Geological Association of Canada/Mineralogical Association of Canada Abstracts with Programs*, 22, p. A-89.
- Lu, F. H.** and Meyers, W. J. (1997) Sr, S, O (SO₄) isotopes and quantitative models of Messinian gypsum, the Nijar Basin, Spain. *International Applied isotope Geochemistry (AIG-2) Conference*, Calgary, Canada.
- McDaniel, D. K.**, and McLennan, S. M. (1997), A comparison of provenance information obtained from detrital zircon and feldspar grains in a sandstone from the Devonian Catskill clastic wedge. *Seventh Annual V. M. Goldschmidt Conference*, p. 136.
- Adler, A. Rosofsky, E., Wong, I., and **McDaniel, D. K.** (1997) Soil analysis of a slope in the Long Island Pine Barrens. *Long Island Geologists 1997 meeting*, Program with Abstracts, pp. 1-6.
- Rasbury, E. Troy**, Hanson, G. N., Meyers, W. J., Goldstein, R. H., and Saller, A. H. (1998) The age of the Pennsylvanian-Permian boundary from U-Pb dating of paleosol calcite and implications for cycle duration: accepted for *1998 AAPG annual meeting*.

Rasbury, E. Troy, Hanson, G. N., Meyers W. J., and Goldstein, R. H. (1997) Relationship of uranium enrichment to cement stratigraphy of a late Paleozoic paleosol and the potential for precisely dating the time of sedimentation: *Chris Roddick Symposium, spring meeting of GAC-MAC*, p 123.

Rasbury, E. Troy, Hanson, G. N., Meyers, W. J., Saller, A. H., and Goldstein, R. H. (1997) U-Pb dating of paleosol calcite and the potential for greatly improving the time framework for sequence stratigraphy: *AAPG annual meeting*, p. 96.

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

Lev, Steven. (1998) National Research Council Post-Doctoral Research Associate. Applied Chemistry, *National Institute of Standards and Technology*, Gaithersburg, MD.

Rasbury, Troy. (1998) The University of California President's Postdoctoral Fellowship Program, joint appointment between *UC Davis and Berkeley*.

Rasbury, Troy. (1998) faculty position, *Queens College*, Flushing, New York.

Zeng, Qiang. (1998) Post-doctoral research associate. Department of Geological and Environmental Sciences, *Stanford University*. Stanford, California.

GERMANIC AND SLAVIC LANGUAGES AND LITERATURES

GRADUATE DIRECTOR: NICK RZHEVSKY
DEPARTMENT CHAIR: BARBARA ELLING

❖ Grants, Fellowships and Awards

Bednarowska, Aleksandra. (1997) Curriculum Development Grant. *Bucknell University*, Lewisburg, Pennsylvania.

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

D'Aquila, Louis. (1998) "Use of Computer Software in the German Language Classroom," *American Association of Teachers of German Symposium*, Language Learning Research Center, State University of New York at Stony Brook.

Pustovoit, Igor. (1997) "Russian Formal Style as a Basis for the Study of Business Russian," *AATSEEL (American Association of Teachers of Slavic and East European Languages) Annual Conference*, Toronto, Canada, 1997.

❖ Professional Appointments

Bednarowska, Aleksandra. (1998-1999) Reappointed Assistant Professor of German, *Bucknell University*.

Hecker, Judith. (1995-present) Testing Chairperson, *AATG National German Test*.

Malhame, Therese. Assistant Editor, *Problems of Economic Transition*. M.E. Sharpe, Inc., Armonk, NY.

Malhame, Therese. Assistant Editor, *Chinese Economy: Translations and Studies*. M.E. Sharpe, Inc., Armonk, NY.

Malhame, Therese. Assistant Editor, *International Journal of Sociology*. M.E. Sharpe, Inc., Armonk, NY.

❖ Elected Office

Hecker, Judith. (1995-98) Member, Executive Committee, *American Association of Teachers of German*.

❖ Softwares Developed

Konovalioug, Vladimir. (1997): SUNY Stony Brook Slavic Web Page, Language Learning Center, Stony Brook, New York.

Konovalioug, Vladimir. (1997): SUNY Stony Brook German Web Page, Language Learning Center, Stony Brook, New York.

❖ Curriculum Development

Eldridge, Marlene (1997-98) State University of New York at Stony Brook German Placement

Hecker, Judith. (1998) Co-Organizer, *German Language Competition for Long Island*, March 21, 1998, Northport High School, Long Island.

Hecker, Judith. (1998) Co-Organizer, *American Association of Teachers of German In-Service Training Seminar*, January-May 1998, State University of New York at Stony Brook

HISTORY

GRADUATE DIRECTOR: ELIZABETH GARBER

DEPARTMENT CHAIR: GARY MARKER

❖ Grants, Fellowships and Awards

- Barry, Heather.** (1997) *ALP Foundation* Grant for Research at the Library of Congress, Washington, DC, \$3500.
- Corea, Carlo.** (1998) *Rockefeller Foundation* Grant, N. Tarrytown, NY.
- Corea, Carlo.** (1997) *American Italian Historical Association* Award, Chicago IL.
- Glave, Dianne.** (1998) President's Summer Institute, "Promotion for Social Justice," \$1,000. *Loyola Marymount University*.
- Glave, Dianne.** (1998) Technology Teaching Grant, \$3,000. *Loyola Marymount University*.
- Glave, Dianne.** (1998) *Loyola Marymount University* Research Grant, \$3,000.
- Glave, Dianne.** (1998) *California Council for the Humanities Planning* Grant, "Lights, Camera, Action: African American Film: From Oscar Micheaux to Harry Belafonte," \$750.
- Grimaud, Anne-Marie.** (1997) Fulbright grant for scholars, September-October 1997, *Commission Franco-Americain*, Paris, France.
- Grimaud, Anne-Marie.** (1997) Tocqueville grant, September-October 1997, *French-American Foundation*, Paris, France.
- Grimaud, Anne-Marie.** (1998) Aires Culturelles grant, *French Ministry of National Education*, Paris, France.
- Johnson, Michael.** (1997) grant from the *Printing Industries of Maryland*, Baltimore, MD.
- Kahr, Christina.** (1998) Graduate Travel/Research Award, \$1,000. Partnership Fund for Latino Scholars and Research, *Latin American & Caribbean Center, State University of New York at Stony Brook*, Stony Brook, NY.
- Meldrum, Marcia.** (1998-1999) DeWitt Stetten Memorial Fellowship in the History of the 20th Century Biomedical Sciences, *National Institutes of Health*.
- Taipale, Susanna.** (1997-1998) Research Fellowship Grant, North American Studies Graduate Program, *Academy of Finland*, Tampere, Finland.
- Westermann, Mary.** (1998) Murray Gottlieb Award in the History of Medicine at the *Medical Library Association* Conference, Philadelphia, PA, May 22-27, 1998. Paper entitled "Of Mice and Medical Men: the Vivisection controversy in turn of the century America."
- Williams, Derek.** (1997-1998) Doctoral Fellowship, *Social Sciences and Humanities Research Council of Canada*.
- Zaccarini, Christina.** (1998) *North Atlantic Missiology Research Forum* Award for paper entitled "No Sentimental Journey: Dr. Allie Gale in China, 1908-1950."

❖ Singly Authored Publications/Research Reports/Reviews

- Barry, Heather.** (1998) "Distaff Defense," *Chronicles: A Magazine of American Culture*, Vol. 22 No. 4: pp 48.
- Bass, Amy.** (in press) "A Matter of Customs: Port of New York and the 1807 Embargo," *American Neptune*.
- Bass, Amy.** (in press) "Gail Devers," *Encyclopedia of Sport in American Culture*, J. Duncan, ed., Santa Barbara.
- Bass, Amy.** (in press) "Harry Edwards," *Encyclopedia of Sport in American Culture*, J. Duncan, ed., Santa Barbara
- Fea, John.** (1997) "African Methodist Episcopal Church," *Encyclopedia USA*, D. Whisenhunt, ed., Gulf Breeze, FL: Academic International Press.
- Fea, John.** (1997) "Seseno Edwards Dwight," *Encyclopedia USA*, Dr. Whisenhunt, ed., Gulf Breeze, FL: Academic International Press.

- Fea, John.** (1997) "Dutch-Indian War," *Encyclopedia USA*, D. Whisenhunt, ed., Gulf Breeze, FL: Academic International Press.
- Fea, John.** (in press) Review of *Jonathan Belcher: Colonial Governor, New Jersey History*, Vol. 115:3-4.
- Forman, Seth.** (1998) *Blacks in the Jewish Mind: A Crisis of Liberalism*. New York University Press.
- Friskin, Amanda.** (in press) "Free Labor, Free Love: the Radical Left in Reconstruction," (Translated into Spanish by M. Alejandra Vassallo) *Taller: Revista de Sociedad, Cultura y Política*. (Buenos Aires).
- Friskin, Amanda.** (in press) "A Shameless Prostitute and a Negro: Miscegenation Fears in the Election of 1872," *Fear Itself: Enemies Real and Imagined in American Culture*. N. Schultz, ed. West Lafayette, IN, Purdue University Press.
- Genova, James.** (in press) *Tensions of Empire*, A Book Review. *International Labor and Working-class History*.
- Grimaud, Anne-Marie.** (1997) "Le Pourquoi et le comment du don de John D. Rockefeller Jr. a la France, 1924-1936," *Bulletin du CENA-EHESS* (N. 4, October 1997) pp. 93-103.
- Krysko, Michael.** (1998) "Open Door Policy," *Reader's Guide to American History*, Peter Parish, ed., Fitzroy Dearborn Publishers. Chicago, IL.
- Krysko, Michael.** (1998) "Communications and Media," *Reader's Guide to American History*, Peter Parish, ed. Fitzroy Dearborn Publishers. Chicago, IL.
- Krysko, Michael.** (1998) "Radio and Television," *Reader's Guide to American History*, Peter Parish, ed. Fitzroy Dearborn Publishers. Chicago, IL.
- Lowengard, Sarah.** (in press) "'Principal Colours' and colour-making in the eighteenth century," *Consumer Culture in Europe 1650-1850*. M. Berg & H. Clifford, Eds. Manchester: Manchester University Press.
- Palermo, Silvana Alejandra.** (1998) El Sufeagio Femenino En El Congreso Nacional: Ideologtan DeGenero, Ciudadana Enla Argentina)1916-1955," in *Boletin del Instituto De Historia Americana*, Argentina Dr. Emilio Cavignani, 2nd semester (forthcoming).
- Zaccarini, Christina.** (1998) "No Sentimental Journey: Dr. Ailie Gale in China, 1908-1950," To be published as position paper No. 9 in the March 1998 University of Cambridge, *North Atlantic Missiology Project Research Forum Series*.

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

- Armus, Seth.** (1998) "National Stereotypes in Context," *Free University of Brussels in Belgium Conference*.
- Barry, Heather.** (1998) *Young Leadership Conference, American Swiss Foundation*, Switzerland.
- Bass, Amy.** (1998) "Muscle Machines: The scientific (mis) construction of the black athlete," *TERRAINS: Landscapes/Bodyscapes*, State University of New York at Stony Brook, Stony Brook, NY.
- Fea, John.** (1998) "The Rural Enlightenment of Philip Vickers Fithian," *Omohundro Institute of Early American History and Culture*, Worcester, MA
- Fea, John.** (1998) "Rethinking a Classic Source of Plantation Virginia: A Note on Morals, Sociability and Reading in the Writings of Philip Vickers Fithian," *Shenandoah Valley Regional Studies Seminar*, Harrisonburg, VA.
- Fea, John.** (1998) "Wheelocks World: Communication, Community and Evangelical Revival in 18th Century New England," *Annual Meeting of the Organization of American Historians*, Indianapolis, IN.
- Fea, John.** (1997) "Sober, Uniform in Manner, and Every Way so Religious: Presbyterian Community in Rural New Jersey, 1740-1800," *Annual Meeting of the Pennsylvania Historical Association*, Philadelphia, PA.
- Friskin, Amanda.** (1998) "Notorious Victoria Woodhull: Toward an Iconography of Infamy," *American Historical Association Annual Meeting*, Seattle, WA.

- Glave, Dianne.** (1998) "Envisioning the Future of American Cultures," *The National Association of Women in Education*, Baltimore, MD.
- Genova, James.** (1997) "Ambiguous Borders: Colonialism and the Order(ing) of *Fin de Siecle* France. Blurring the Boundaries: Culture, Politics and Third Republic France," *University of Michigan*, Ann Arbor, MI.
- Genova, James.** (1997) "Ambiguous Borders', Colonialism and the Order(ing) of *Fin de Siecle* France," *History Department Colloquium Series*, State University of New York at Stony Brook, Stony Brook, NY
- Grimaud, Anne-Marie.** (1998), "L'Exportation du progressisme et les fondations americaines en France pendant l'entre-deux-guerres," *Association Francaise d'Etudes Americaines Conference, Traduire l'Amerique, workshop: Traductions conceptuelles*, Universite Toulouse-Le Mirail, Toulouse, France.
- Grimaud, Anne-Marie.** (1998) "John D. Rockefeller Jr. 's Personal Endowment to France (1924-1936): Why and How," *Society for French Historical Studies Conference, France between Europe and America workshop*, Ottawa, Canada.
- Lowengard, Sarah.** (1997) "Indigo as a Dyestuff and a Pigment," *Colors of Invention*. Lemelson Center, Smithsonian Institution, Washington, D. C.
- Lowengard, Sarah.** (1997) "Standards before Standardization: Testing Color in Eighteenth-century France," *Society for the History of Technology Annual Meeting*, Pasadena, CA.
- Marinucci, Kimberly.** (1997) "Gender and Public University Leadership in the Twentieth Century," *History of Education Society Conference*, Philadelphia, PA.
- Marinucci, Kimberly.** (1998) "The Politics of Academic Freedom in the Interwar Period: Educational Leadership at Ohio State University," *Annual Conference of the Organization of American Historians*, Indianapolis, IN.
- Palermo, Silvana.** (1998) "Union Culture in Argentine National Railroads (1912-1922)," *15th Latin American Labor History Conference*, Duke University, Durham, NC.
- Stewart, Catherine.** (1997) "Native Accents: The Federal Writers' Project, Ethnographic Narratives, and the Borderlands of Racial Identity," *Yale Graduate Student Conference: Mapping Race: Bodies of Knowledge, Boundaries of Difference*. Yale University, New Haven, CT
- Williams, Derek.** (1997) "On the Verge of a National Integration?: The Indian Question, Ethnic Domination, and State Formation in Otavalo, Ecuador, 1861-1875," *International Conference of Americanists*, Quito, Ecuador.

❖ **Scholarly Appointments**

- Lowengard, Sarah.** (1998-2000) Appointed to the Dibner Award Committee of the *Society for the History of Technology*.
- Lowengard, Sarah.** (1998) Dibner Resident Scholar, *Smithsonian Institution*, Washington, D. C.
- Lowengard, Sarah.** (1997) Appointed to the Education and Training Committee of *the American Institute for Conservation*.

❖ **Professional Appointments**

- Serulnikov, Sergio.** (1998) Assistant Professor, Department of History, *University of Kentucky*, Lexington, KY.

LINGUISTICS

GRADUATE DIRECTORS: FRANK ANSHEN & DAN FINER

DEPARTMENT CHAIR: ELLEN BROSELOW

❖ Grants, Fellowships and Awards

Mhlauli, Bhelakazi. (1997) Fulbright Fellowship. *Institute of International Education*, South Africa.

Mohlake, Masamaneotsile. (1997) Fulbright Fellowship. *Institute of International Education*, South Africa.

Ortega, Carlos Mario. (1997) Fulbright Fellowship. *Institute of International Education*, Colombia.

Rahman, Md. Fazlur. (1997) Fulbright Fellowship. *Institute of International Education*, Bangladesh.

❖ Singly Authored Publications/Research Reports/Reviews

Basri, Hasan. (in press) Number Marking in Selayarese. *Proceedings of the Austronesian Formal Linguistic Association IV Meeting*.

Bhandari, Rita. (in press) Alignment and Nasal Substitution Strategies in Austronesian Languages. *Proceedings of the Austronesian Formal Linguistic Association IV Meeting*.

Brownworth, Barbara. (1998) TOEFL Mentor Gets Students Ready for Exams. *American Language Review*, March 1998.

Cho, Sungeun. (in press) A New Analysis of Korean Inalienable Possession Constructions. *Proceedings of the 28th North Eastern Linguistics Society*.

Kappus, Martin. (in press) Possessive Structures and the DP in Swabian. *Akten des 32. Linugistischen Kollquiums*.

Sumner, Meghan. (in press) Are you There?: Self-interruption and the Restructuring of Conversation. *Proceedings of the 6th International Pragmatics Conference*.

Takahashi, Naoko. (in press) The Function of –o in Japanese. *Proceedings of the 8th Japanese/Korean Conference of Linguistics*.

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

Bailyn, John and **Citko, Barbara.** (1998) How Null Heads Determine the Morphology of (all) Slavic Predicates. *VII Formal Approaches to Slavic Linguistics Conference*. University of Washington, Seattle, WA.

Bhandari, Rita. (1998) The Role of Tense for Negative Polarity Item Licensing. *74th Annual Meeting of the Linguistics Society of America*. Grand Hyatt, New York, NY.

Bhandari, Rita. (1998) Negative Polarity Item Licensing and the Finite-Nonfinite Distinction in Hindi. *19th South Asian Languages Analysis Roundtable*. University of York, York, England.

Broadway, Orman and **Chen, Yiya.** (1997) English Teaching and Learning: A Reflection of Eastern and Western Cultures and a Call to Action. *The 3rd International Symposium of Language Teaching*. Beijing University of Aeronautics and Astronautics, Beijing, People's Republic of China.

Chakravarty, Supriya. (1997) Teaching ESL at the University: Integrating Content, Culture, and Language Learning. *Teaching of English to Speakers of Other Languages Seminar Series*. Southampton College, Long Island University, Southampton, NY.

Chakravarty, Supriya. (1998) Sequential Interactional Data and Pragmatic Hypotheses: Politeness in Hindi. *19th South Asian Languages Analysis Roundtable*. University of York, York, England.

- Chakravarty, Supriya.** (1998) Pronouns as Redressive Strategies: Politeness Theories Revisited in a Hindi Speech Community. *The 12th Annual International Conference on Pragmatics and Language Learning*. University of Illinois at Urbana-Champaign, Urbana, IL.
- Chakravarty, Supriya** and Mary DeDios. (1998) Language Learning: Who Said It's Not Fun and Games? *NYS TESOL Long Island One Day Mini Area Conference*. Smithtown Sheraton, Smithtown, NY.
- Chakravarty, Supriya** and **Broadway, Orman** (1997) Student-centered Activities in Multi-disciplinary Classrooms: Issues and Responses. *NYS TESOL Long Island One Day Mini Area Conference*. Smithtown Sheraton, Smithtown, NY.
- Chen, Yiya.** (1998) Causative Affix in Kammu. *The 74th Annual Meeting of the Linguistic Society of America*, Grand Hyatt Hotel, New York, NY.
- Cho, Sungeun.** (1997) A New Analysis of Korean Inalienable Possession Constructions. *The 28th North Eastern Linguistics Society*. University of Toronto, Toronto, Canada.
- Cho, Sungeun** and Richard Larson. (1998) Temporal Adjectives and the DP Hypothesis. *UCLA Tense Workshop*. University of California at Los Angeles, Los Angeles, CA.
- Cho, Sungeun** and **Zhou, Xuan.** (1998) The Interpretation of Wh-elements in Coordinated Wh-questions. *The 74th Annual Meeting of the Linguistic Society of America*, Grand Hyatt Hotel, New York, NY.
- Citko, Barbara.** (1997) On Multiple Free Relatives in Slavic. *European Conference on Formal Description of Slavic Languages*. University of Potsdam, Potsdam, Germany.
- Citko, Barbara.** (1998) ATB Analysis of Free Relative Clauses. *Chicago Linguistics Society, The 34th Annual Meeting*. University of Chicago, Chicago, IL.
- Citko, Barbara.** (1998) An Argument for Three Dimensionality. *VII Formal Approaches to Slavic Linguistics Conference*. University of Washington, Seattle, WA.
- Huffman, Marie and **Tamberino, Elyse.** (1997) Spectral Change in the Vowel Formant Space of Long Island Vowels. *134th Meeting of the Acoustical Society of America*. The Town and Country Hotel and Conference Center, San Diego, CA.
- Kappus, Martin.** (1997) Possessive Structures and the DP in Swabian. *The 32nd Linguistisches Kolloquium*. University of Kassel, Kassel, Germany.
- Kappus, Martin.** (1997) Negation and Indefinites in German. *CUNY Syntax Lunch, Talk Series*. City University of New York, New York, NY.
- Nemchinova, Ekaterina.** (1998) Role Playing as a Means of Teacher Training. *The 32nd Annual TESOL Convention and Exposition*. Washington State Convention and Trade Center, Seattle, WA.
- Nemchinova, Ekaterina** and **Takahashi, Naoko.** (1997) Using Role Play with Teacher Training to Solve Problems of Team Teaching. *NYS TESOL The 27th Annual Conference*. Rye Town Hilton, Rye, NY.
- Sumner, Meghan.** (1998) Are You There?: Self-interruption and the Restructuring of Conversation. *The 6th International Pragmatics Conference*. Reims Champagne Congres, Reims, France.
- Kahn, Abigail and **Saravanan, Bhavani.** (1998) Minimality and Maximality in Tamil. *The 19th South Asian Languages Analysis Roundtable*. University of York, York, England.

❖ **Post Doctorates Obtained and Professional Appointments**

- Nemchinova, Ekaterina.** (1997) Associate Professor. Slavic Languages and ESL Departments, Seattle Pacific University, Seattle, WA.

W. AVERELL HARRIMAN SCHOOL FOR MANAGEMENT AND POLICY

GRADUATE DIRECTOR: JEFF CASEY
DEPARTMENT CHAIR: TOM SEXTON

❖ Internship Appointments

- Alexander, Dale S.** (1997) Report title: Marketing Research Analysis of University Apartments. Division of Campus Residences Housing Administration, State University of New York at *Stony Brook*, NY.
- Allen, Daniel S.** (1997) Report title: The Ambulette Project. *St. Charles Hospital*, Port Jefferson, NY.
- Ahmed, Nina Z.** (1997) Report title: Application Engineering and its Functions. *ILC Device Corporation*, Bohemia, NY.
- Desimini, William D.** (1997) Report title: Small Business Loan Training Manual. *Key Bank*, Long Island, NY.
- Drueckhammer, Maria D.** (1997) Report title: Assignment as Interim Business Manager. Bing Nursery School, *Stanford University*, CA.
- Ferrari, John L.** (1997) Report title: The Shooter's Roundup 3-on-3 Basketball Tournament Manual. Division of Athletics, *State University of New York at Stony Brook*, NY.
- Gong, Zaiwen.** (1997) Report title: Project WISE Three Year Evaluation Summary. Report. Project WISE (Women in Science and Engineering), State University of New York, *Stony Brook*, NY.
- Qosej, Triumph H.** (1997) Report title: A Workflow Tracking System. Faculty Student Association, *State University of New York at Stony Brook*.
- Shao, Anne P.** (1997) Report title: Business Plan for Ginko Group. *Ginko Group & Convention Planners*, Uniondale, NY.
- Zhuang, Zhiqing.** (1997) Report title: Analysis of the Motorcycle Market in 1996 and Market Forecast for 1997 and 1998. *Institute of Economic Development*, Nanjing, People's Republic of China.

MARINE SCIENCES RESEARCH CENTER

GRADUATE DIRECTOR: HENRY BOKUNIEWICZ

DEAN: MARVIN GELLER

❖ Grants, Fellowships and Awards

D'Andrea, A. F. (1997-99) Graduate Research Fellowship NOAA - National Estuarine Research Reserve Program. *North Inlet Estuarine Research Reserve*. Georgetown, SC.

Griscom, Sarah. *U. S. Environmental Protection Agency* STAR Graduate Fellowship. Three years. \$17,000 per year stipend.

Lan, Yaolong. (1997) Kenneth P. Staudte Award. \$1,000.

Lin, Senjie. (1997) Donald Pritchard Award.

Muscari, Giovanni. (1997) Wu Xiangding Memorial Award, \$1,000.

Olsen, Karin. (1998) Guerrero Award. For studies in aqueous geochemistry. *The Long Island Water Conference*.

Pantoja, Silvio. (1997) Postdoctoral Scholar Award. *Woods Hole Oceanographic Institution*.

Pantoja, Silvio. (1997) Student Travel Award. *American Society of Limnology and Oceanography*.

Pantoja, Silvio. (1997) Participant in the *XIV Dissertations in Chemical Oceanography*. Honolulu.

Reyns, N. (1998) *MSRC* Travel Award to fund portion of conference attendance.

Roberts, Kimberly. (1997) Donald Pritchard Award.

Sheridan, Cecelia C. (1997) *Department of Defense* National Science and Engineering Graduate Fellowship Award. 1997-2000.

Sheridan, Cecelia C. (1997) *Marine Sciences Research Center* First-year Graduate Student Award.

Sheridan, Cecelia C. (1997) Akira Okubo First-year Graduate Student Award.

Tonjes, David. (1997) Kenneth P. Staudte Award.

Walsh, J. P. (1997) Boudewijn Brinkhuis Award.

Xu, J. (1998) Ozone Depletion. Chemistry and Physics of Stratospheric Aerosol. (This research is performed under the auspices of the *U. S. Department of Energy* under Contract No: DE-AS02-76H00016).

❖ Singly Authored Publications/Research Reports/Reviews

Barr-Kumarakulasinge, S. A. (1998) On the instability of the western Pacific warm pool during Boreal winter and spring. *Nature*.

Wang, Wen-Xiong. Modeling the influence of body size on trace element assimilation in marine mussels. *Mar. Ecol. Prog. Ser.* 161:103-115.

Walsh, J. P. (1997) Observations of sediment flux on the Eel slope, northern CA. M. S. Thesis. State University of New York, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Allison, M. A. and C. A. Nittrouer. (1998) Identifying accretionary mud shorefaces in the geologic record: insights from the modern Amazon dispersal system. In *Mudstones and Shales: Recent Progress in Shale Research*, J. Schieber, W. Zimmerle, and P. Sethi, eds. Schweizerbart Verlag, Stuttgart.

- Barr-Kumarakulasinghe, S. A.** and K. M. M. Lwiza. (in press) Scales of deep convective clouds and the direct adjustment of upper troposphere moisture in the tropical western Pacific. *Meteorology and Atmospheric Physics*.
- Barr-Kumarakulasinghe, S. A.**, Lwiza, K. M. M. (1998) Frequency interactions to explain Madden Julian Oscillations and Intra Seasonal Oscillations. *Journal of Geophysical Research*.
- Nittrouer, C. A., G. R. Lopez, L. D. Wright, **Bentley, S. J.**, **D'Andrea, A. F.**, C. T. Friedrichs, **Sommerfield, C. K.** and N. I. Craig. (1998) Oceanic processes and the formation of sedimentary strata in Eckernfoerde Bay, Baltic Sea. *Cont. Shelf Res.*
- Bentley, S. J.**, Nittrouer, C. A. (1997) Event-induced sedimentary microfabric in a shallow-water carbonate shelf setting: Dry Tortugas and Marquesas, Florida Keys. *Geo-Mar. Letts.* 17, 268-275.
- Scharf, F. S., **Buckel, J. A.**, Juanes, F., Conover, D. O. (1997) Estimating piscine prey sizes from partial remains: testing for shifts in foraging mode by juvenile bluefish. *Environ. Biol. Fishes.* 49:377-388.
- Buckel, J. A.**, Conover, D. O. (1997) Movements, feeding chronology, and daily ration of piscivorous young-of-the-year bluefish *Pomatomus saltatrix* in the Hudson River estuary. *Fish. Bull.* 95:665-679.
- Buckel, J. A.**, Letcher, B. H., Conover, D. O. (1998) Effects of a delayed onset of piscivory on the size of age-0 bluefish. *Trans. Am. Fish. Soc.*
- Scharf, F. S., **Buckel, J. A.**, Juanes, F., Conover, D. O. (1998) Predation by juvenile piscivorous bluefish: the influence of prey: predator size ratio and prey type on predator capture success and prey profitability. *Can. J. Fish. Aquat. Sci.*
- D'Andrea, A. F.**, Lopez, G. R. (1997) Benthic macrofauna in a shallow water carbonate sediment: major bioturbators at the Dry Tortugas. *Geo-Marine Letters*, 17: 276-282.
- Dunn, S. M.**, R. C. Aller. (1997) Horizontal and vertical transport of solutes in the bioturbated zone of Long Island Sound. *Geology of Long Island and Metropolitan New York. Program with abstracts*, 60.
- Gobler, C. J.**, Hutchins, D. A., Fisher, N. S., Cospers, E. M., Sañudo-Wilhelmy. (in press) Cycling and bioavailability of C, N, P, Fe and Se released by viral lysis of a marine chrysophyte. *Limnology and Oceanography*.
- Hurst, T. P.** and D. O. Conover (1998) Winter mortality of young-of-the-year Hudson River striped bass (*Morone saxatilis*): size-dependent patterns and effects on recruitment. *Canadian Journal of Fisheries and Aquatic Sciences*.
- Jaeger, J. M.** and C. A. Nittrouer. (in press) Sediment accumulation along a glacially impacted mountainous coastline. *Northeast Gulf of Alaska. Basin. Res.*
- Zhang, Minghua, Cess, R. D. and **Jing, X.** (1997) Concerning the interpretation of enhanced cloud shortwave absorption using monthly-mean Earth Radiation Budget Experiment/Global Energy Balance Archive measurements. *J. of Geophys. Res.* 102:25, 899-25, 905.
- Kelly, P. S.** (1998) Influence of North Brazil current retroflection eddies on the flow near Barbados, West Indies.
- Lewis, D. L.** and R. M. Cerrato. (1997) Growth uncoupling and the relationship between shell growth and metabolism in the softshell clam *Mya arenaria*. *Mar. Ecol. Prog. Ser.* 158:177-189.
- Lewis, D.**, Kassner, J., Cerrato, R. and **Finch, R.** (1997) An assessment of shellfish resources in the open water areas of the Peconic Estuary. *MSRC Special Report No. 122*. State University of New York at Stony Brook, NY. 177 pp.
- Pantoja, S.**, C. Lee, and J. F. Maracek. (1997) Hydrolysis of peptides in seawater and sediment. *Marine Chemistry* 57, 25-40.
- Ferdelman, T. G., C. Lee, **Pantoja, S.**, Harder, J., Fossing, H. (1997) Sulfate reduction and methanogenesis in a Thioploca-dominated desiment off the coast of Chile. *Geochimica et Cosmochimica Acta* 61, 3065-3079.
- Pantoja, S.**, Lee, C. (in press) Peptide decomposition by extracellular hydrolysis in coastal seawater and salt marsh sediment. *Marine Chemistry*.
- Reinfelder, J. R.**, **Wang, Wen-Xiong**, S. N. Luoma, N. S. Fisher (1997) Assimilation efficiencies and turnover rates of trace elements in marine bivalves: a comparison of oysters, clams, and mussels. *Mar. Biol.* 129:434-442.
- Sommerfield, C. K.** and C. A. Nittrouer (1998) Modern accumulation rates and a sediment budget for the Eel shelf: a flood-dominated depositional environment. *Mar. Geol.*

- Wheatcroft, R. A., **Sommerfield, C. K.**, D. E. Drake, J. C. Bergeld and C. A. Nittrouer. (1997) Rapid and widespread dispersal of flood sediment on the northern California continental margin. *Geology* 25, 163-166.
- Walsh, J. P.** and C. A. Nittrouer. (in press) Observations of sediment flux on the Eel slope, northern CA. *Marine Geology*.
- Walsh, J. P.**, Nittrouer, C. A. (1998) Sedimentation processes in the Gulf of Papua and the Fly River Mouth, Papua New Guinea. *EOS Transactions, AGU*. 79(1): OS32.
- Wang, Wen-Xiong**, N. S. Fisher. (1997) Modeling metal bioavailability for marine mussels. *Rev. Environ. Contam. Toxicol.* 151:39-65.
- Wang, Wen-Xiong, S. Griscom**, N. S. Fisher (1997) Bioavailability of CR (III) and CR (VI) o marine mussels from solute and particulate pathways. *Environmental Science and Technology* 31: 602-611.
- Wu, Hanguo, Green, M.** and M. I. Scranton. Acetate cycling in the water column and surface sediment of Long Island Sound following a bloom. *Limnology and Oceanography*. 42: 705-713.
- Xu, J.**, Imre, D., Tang, I. "Ammonium Sulfate: Equilibrium and Metastability Phase Diagrams," Sent to *Journal of Physical and Chemistry*.
- Imre, D. G., **Xu, J.**, Tang, I. N., McGraw, R. (1997) "The Ammonium Bisulfate/Water Equilibrium and Metastability Phase Diagrams," *Journal of Physical and Chemistry*. VOL 101, No. 23. 4191-4195.
- Imre, D. G., **Xu, J.**, Anthony, C. T. "Phase transformations in sulfuric acid aerosols: Implications for stratospheric ozone depletion," *Geophysical Research Letters*. VOL 24, No. 1. 69-72, January 1.
- Taylor, G. T., **Zheng, D.**, P. J. Troy, G. Gyananath, M. Lee, and S. K. Sharma (1997) Influence of surface properties on accumulation of conditioning films and marine bacteria on substrata exposed to oligotrophic waters. *Biofouling* 11(1): 31-57.
- Waliser, D. E., **Zhou, W.** (1997): Removing satellite equatorial crossing time biases from the OLR and HRC data sets. *J. Climate*, 10, 2125-2146.

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

- Barr-Kumarakulasinghe S. A.** (1998) Frequency interactions to explain Madden Julian Oscillations. *Eighth ARM Science Team Meeting*. Tucson, Arizona.
- Barr-Kumarakulasinghe, S. A.** (1998) Instability of the western Pacific warm pool during boreal winter and spring. *Eighth ARM Science Team Meeting*. Tucson, Arizona.
- Wagener, R., L. Gregory, **Barr-Kumarakulasinghe, S. A.**, P. Minnett and J. L. Tichler. (1998) Making use of satellite data collected at the ARM XDC. *Eighth ARM Science Team Meeting*, Tuscon, Arizona.
- Barr-Kumarakulasinghe, S. A.** and Pathiraja, K. (1997) Automated Sri Lankan and South Indian monsoonal rainfall prediction and dissemination through the World Wide Web. *Tenth Conference on Applied Climatology*. October. Reno, Nevada.
- Barr-Kumarakulasinghe, S. A.** (1997) Cloud formation over islands in the tropical western Pacific during undisturbed conditions. *22nd AMS Conference on Hurricanes and Tropical Meteorology*. Fort Collins, Colorado.
- Barr-Kumarakulasinghe, S. A.**, Benedict L., Minnett, P., Wagener, R., and Tichler, J. (1997) Web based ARM satellite and mesonet data viewers. Committee on Earth Observation Satellites (CEOS) *Web and Internet-Accessible Systems for EO/GEO Data Workshop*. Landover, Maryland.
- Barr-Kumarakulasinghe, S. A.**, H. Li, R. Wagener, L. Gregory, J. L. Tichler and P. Minnett. (1998) GMS-5 IR and Visible Imagery for December 1996 - February 1997 from the ARM External Data Center on CDROM. *Eighth ARM Science Team Meeting*, Tuscon, Arizona.
- Benedict, L., P. Minnett, R. Wagener, L. Gregory, J. L. Tichler and **Barr-Kumarakulasinghe, S. A.** (1997) Web Based Atmospheric Radiation Measurement Satellite and Mesonet Data Viewers. *Seventh Atmospheric Radiation Measurement (ARM) Science Team Meeting*, San Antonio, Texas.
- Batten, B.**, Bokuniewicz, H. (1998) Erosion monitoring at Shinnecock Inlet, New York. *Assateague Shore and Shelf Workshop*. George Mason University, VA.

- Buckel, J. A.**, M. Fogarty and D. O. Conover (1997) Impact of bluefish (*Pomatomus saltatrix*) predation on the U. S. east coast continental shelf. *American Society of Ichthyologists and herpetologists, 77th Annual Meeting*. University of Washington, Seattle, Washington.
- Buckel, J. A.**, D. O. Conover (1997) Impact of bluefish predation on estuarine fish recruitment: density dependent predation mortality in juvenile striped bass. International Council for Exploration of the Sea, *International Symposium on Recruitment Dynamics of Exploited Marine Populations: Physical-Biological Interactions*. Baltimore, Maryland.
- Conover, D. O., Juanes, F., McBride, R., **Buckel, J. A.**, **Munch, S.**, Scharf, F. S. (1997) Advection, piscivory, and estuarine-dependency: the role of early juvenile stages in recruitment of the bluefish, *Pomatomus saltatrix*. "Juvenile fish studies: contributions to early life history and recruitment processes" symposium. *American Fisheries Society-Early Life History meetings*. University of Washington, Seattle, WA.
- Scharf, F. S., **Buckel, J. A.**, Juanes, F., Conover, D. O. (1997) Predation by juvenile piscivorous bluefish: the influence of relative fish size and prey morphology on predator mode choice and prey vulnerability. *ICES Recruitment Dynamics of Exploited Marine Populations: Physical-Biological Interactions symposium*. Johns Hopkins University. Baltimore, MD.
- Buckel, J. A.**, Conover, D. O. (1997) Impact of age-0 bluefish predation on age-0 fishes in the Hudson River estuary: evidence for density-dependent loss of juvenile striped bass. *ICES Recruitment Dynamics of Exploited Marine Populations: Physical-Biological Interactions symposium*. Johns Hopkins University. Baltimore, MD.
- Centrella-Vitale, Annetta.** (1997) Assessment of turbidity in New York Harbor and the New York Bight Apex using AVHRR satellite data. Poster. *Gordon Research Conference on Coastal Circulation*. New London, VT.
- Centrella-Vitale, Annetta.** (1998) Assessment of turbidity in New York Harbor and the New York Bight Apex using AVHRR satellite data. Poster. *Annual conference of American Society for Photogrammetry and Remote Sensing and Resource Technology Institute (ASPRS-RTI)*. Tampa, FL.
- D'Andrea, A. F.**, Lopez, G. R., Aller, R. C. (1998) Reactive carbon flux on an intertidal sandflat: the role of macrobiological processes. *AGU/ASLO Ocean Sciences Meeting*. San Diego, CA. Published as an abstract. *EOS, Transactions, American Geophysical Union*, Vol. 79(1) supplement.
- Dunn, Shannon M.**, Aller, R. C. (1997) Horizontal and vertical transport of solutes in the bioturbated zone of Long Island Sound. Abstracts with program, *Geology of Long Island Sound and Metropolitan New York*.
- 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.
- Fontes, D. S.** and D. O. Conover (1997) Countergradient latitudinal variation in somatic growth in striped bass (*Morone saxatilis*): physiological mechanisms and implications. *American Society of Ichthyologists and herpetologists 77th Annual Meeting*. University of Washington, Seattle, Washington. June 26-July 2.
- Gobler, C. J.**, Sañudo-Wilhelmy, S. A. (1998) A field investigation of factors responsible for the initiating and sustaining Brown Tide Blooms. *EOS* 79(1): OS121.
- Gobler, C. J.**, Hutchins, D. A., Fisher, N. S., Cosper, E. M., Sañudo-Wilhelmy. (1997) Cycling and bioavailability of C, N, P, Fe and Se released by viral Lysis of a marine chrysophyte. Abstract. *Proceedings to 1997 ASLO meeting*.
- Gobler, C. J.** (1998) *AGU, Ocean Sciences Meeting*. San Diego, CA.
- Hook, S. E.** and N. S. Fisher (1997) Sublethal toxic response of zooplankton to silver: the importance of exposure route. Platform. *Society of Environmental Toxicology and Chemistry 18th Annual Meeting*. San Francisco, California.
- Hurst, T. P.** and D. O. Conover (1997) Energetics of overwintering young-of-the-year Hudson River striped bass (*Morone saxatilis*). *American Society of Ichthyologists and herpetologists 77th Annual Meeting*. University of Washington, Seattle, Washington.
- Hurst, T. P.** and D. O. Conover (1997) Influence of winter mortality on recruitment and life history evolution of marine and estuarine fishes. *International Council for Exploration of the Sea, International Symposium on Recruitment Dynamics of Exploited Marine Populations: Physical-Biological Interactions*. Baltimore, Maryland.
- Ingalls, Anitra E.**, R. C. Aller, C. Lee, and M-Y Sun (1997) The influence of macrofauna abundance on chlorophyll-a degradation in coastal marine sediments. Poster. *AGU/ASLO, Ocean Sciences Meeting*. San Diego,

California.

- Jaeger, J.**, Nittrouer, C. A. (1997) Geological Society of America 1997 Annual Meeting. Line source sediment accumulation on continental shelves-an alternative to the point-source deltaic model. *GSA Abs. with Programs*, 29, A439.
- Kelly, Peter S.**, Lwiza, K. M. M., Cowen, R. K. (1998) Influence of North Brazil current retroflection eddies on the flow near Barbados, West Indies. Poster. Ocean Sciences Meeting. *American Geophysical Union and American Society of Limnology and Oceanography*. San Diego, CA.
- Klahre, L.** (1997) "Countergradient Variation in Egg Production Rate of the Atlantic Silverside *Menidia Menidia*."
- Kluft, J.** (1997) Beach invertebrates of Fire Island National Seashore. *Fire Island National Seashore Science Conference*. Patchogue, New York.
- Lopez, Glenn, McElroy, A., Brownawell, B. J., **Lamoureux, E. M.**, and **Ahrens, M.** (1997) The relationship between carbon and contaminant absorption in deposit-feeding invertebrates. *SETAC 18th Annual Meeting*, San Francisco, California.
- Lamoureux, Elizabeth M.**, and Brownawell, B. J. (1997) Assimilation of sediment-sorbed hydrophobic organic contaminants by deposit-feeders as a function of desorption rate and extent. *SETAC 18th Annual Meeting*. San Francisco, California.
- Lamoureux, Elizabeth M.**, and Brownawell, B. J. (1997) Desorption of PCBs, PAHs, and LABs from marine sediments. *American Chemical Society Division of Environmental Chemistry 214th National Meeting*.
- LeBlanc, Lawrence, Gulnick, J. D.**, Taylor, G. T., Brownawell, B. J. (1997) The importance of oxygen to PAH degradation in flow-through microcosms with an oscillating redox condition. Poster. *SETAC 18th Annual Meeting*. San Francisco, California.
- Lucas, L. E.**, Waliser, D. E., Janowiak, J. E., Liebmann, B. (1998) Removing satellite equatorial-crossing-time biases from the daily global outgoing longwave radiation data set. *AMS 9th conference on satellite meteorology and oceanography*. Paris, France.
- Meyers, D. S.** (1998) Long-lead prediction of tropospheric geopotential height using neural networks," *78th Annual Meeting of the American Meteorological Society*. Phoenix, AZ.
- Munch, S. B.** and D. O. Conover (1997) Ecological correlates of bluefish abundance: implications of climate change for recruitment and distribution. *American Society of Ichthyologists and herpetologists, 77th Annual Meeting*. University of Washington, Seattle, Washington.
- Munch, S. B.** and D. O. Conover (1997) Factors influencing the year-class strength of bluefish, *Pomatomus saltatrix*, on the U. S. Atlantic coast. International Council for Exploration of the Sea, *International Symposium on Recruitment Dynamics of Exploited Marine Populations: Physical-Biological Interactions*. Baltimore, Maryland.
- Nemtchinov, V.**, Varanasi, P. (1997) Thermal infrared cross-sections of CC14, CF4 and HFC-134a for satellite remote sensing. *American Geophysical Union Fall Meeting*. San Francisco, CA.
- Nemtchinov, V.**, Varanasi, P. (1998) Laboratory studies of strengths and pressure-broadened widths of lines in the 10 μ m bands of ammonia. *NASA Space Science Workshop*. Harvard-Smithsonian CfA. Cambridge, MA.
- Ohashi, K.**, Miller, James R., Russell, G. L. (1998) The abstract for "Processes affecting Arctic sea ice in a global coupled atmospheric-ocean ice model" has been accepted for a poster presentation in the spring meeting of the *American Geophysical Union*. Boston. May 1998)
- Pantoja, S.**, Lee, C. (1997) Amino Acid Production from Extracellular Hydrolysis of Peptides in Seawater and Sediments. Poster. *Aquatic Sciences Meeting*. Santa Fe, New Mexico.

- Pantoja, Silvio**, Lee, C. (1997) Changes in molecular weight of proteins during sediment diagenesis. Poster. *Gordon Research Conference on Chemical Oceanography*. New Hampshire.
- Pantoja, S.** (1997) Decomposition of organic nitrogen in the marine environment. Department of Chemistry and Geochemistry, *Woods Hole Oceanographic Institution*. Woods Hole, Massachusetts.
- Reyns, N.**, Sponaugle, S. (1998) "Crabs and currents: linkages between the recruitment of tropical brachyurans and physical processes," *Benthic ecology meetings*. Melbourne, Fla.
- Roditi, H. A.**, N. S. Fisher. (1997) Metal and carbon assimilation in zebra mussels. *American Society of Limnology and Oceanography*. Santa Fe, New Mexico.
- Shi, Z.**, Waliser, D. E. (1997) Assessment of the Hadley and Walker Circulation Variability in the NCEP/NCAR Reanalysis. *22nd Annual Climate Diagnostics Workshop*. Berkeley, CA.
- Waliser, D. E., **Shi, Z.** (1997) Assessment of the Hadley and Walker Circulation Variability in the NCEP/NCAR Reanalysis. *1st International Conference on Reanalysis*. Silver Springs, MD.
- Xu, Jun**, Imre, D. G. (1997) "Low Temperature Single Particle Levitation System on Binary H₂SO₄/H₂O Particles Study," *AAAR Annual Conference*.
- Xu, Jun**, Imre, Dan G. and McGraw, Robert. (1998) Properties of ammoniated sulfate aerosols at low temperatures: why are the models so far off? *The Fifth International Aerosol Conference*. Edinburg, Scotland.
- Xu, Jun**, Imre, Dan G. and McGraw, Robert. (1998) The temperature-dependent deliquescence and nucleation behavior of ammonium sulfate aerosol: A comparison between observations and models. *AGU*. Boston, Massachusetts.
- Imre, Dan G., **Xu, J.** and R. McGraw. (1997) Low temperature phase transformations in ammonium bisulfate and sulfuric acid aerosols. *The 1997 Conference on the Atmospheric Effects of Aviation. National Aeronautic and Space Agency (NASA)*. Virginia Beach, Virginia.
- Imre, D. G., **Xu, J.**, McGraw, R. (1997) "Low Temperature Phase Transformations in Ammonium Bisulfate and Sulfuric Acid Aerosols," *The 1997 Conference on the Atmospheric Effects of Aviation*. NASA, Virginia Beach, Va.
- Xu, Jun**, and Imre, D. G. (1997) Experiments on the phase transitions of sulfuric acid particles at low temperature. *American Association for Aerosol Research '97, 16th Annual Conference*. Denver, Colorado.
- Xu, Jun**, Imre, Dan G. (1997) low temperature single particle levitation system on binary H₂SO₄/H₂O Particles Study. *AAAR Annual Conference*.
- Waliser, D. E., **Zhou, W.** (1997) Removing satellite equatorial crossing time biases from the OLR and HRC data sets. *77th Annual AMS Meeting*. Long Beach, CA.
- Zhou, Yaping.** (1997) The relation between surface downward longwave and ORL: a simple algorithm. *CERES Science Meeting*, Oregon State University. Corvallis, Oregon.

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

- Jaeger, J.** (1998) Research Scientist. Department of Earth and Environmental Sciences, *Lehigh University*, Bethlehem, PA.
- Buckel, J. A.** National Research Council Post-Doctoral Research Fellowship, National Marine Fisheries Service, NOAA, *James J. Howard Marine Sciences Laboratory*, Highlands, N. J.

MATERIALS SCIENCE

GRADUATE DIRECTOR: ALEXANDER H. KING

DEPARTMENT CHAIR: MIKE DUDLEY

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

Jiang, Xiangyang and **Sampath, Sanjay**. (1998) Effect of Substrate Condition on Splat Formation during Thermal Spray Deposition. *1998, proceeding of TMS meeting in San Antonio*, Eds. Steven P. Marsh et al.

Jiang, Xiangyang, Sampath, Sanjay and Vardelle, Aemelle. (in press) Microstructure Development during Plasma spraying of Molybdenum Part 2: Coating microstructure and properties, *Proceedings of International Thermal Spray Conference (ITSC 98)*, May, 1998, Nice, France.

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

Jiang, Xiangyang and **Sampath, Sanjay**. (1997), Experimental Investigation of Droplet Spreading on Substrate during *Plasma Spraying MRS Fall meeting*, Boston, Massachusetts.

King, Alexander H. and **Owusu-Boahen, Kwame**. (1998) Nucleation of Dislocations in Highly Polycrystalline Textured Gold Thin Films, *Meeting of the American Physical Society*, Los Angeles, California.

Owusu-Boahen, Kwame and King, Alexander H. (1997) TEM Study of Yielding in Polycrystalline Gold Thin Film, Fall *Meeting of the Materials Research Society*, Boston, Massachusetts.

MATHEMATICS

GRADUATE DIRECTOR: LEON TAKHTAJAN

DEPARTMENT CHAIR: ANTHONY V. PHILLIPS

❖ Grants, Fellowships and Awards

- Anjos, Silvia.** (1997/98) PRAXIS XXI Fellowship, \$21,600 + tuition. *Junta Nacional de Investigacao Cientifica E Tecnologica*, Lisbon, Portugal.
- Coffey, Joseph.** (1997/98) Graduate Council Fellowship. *State University of New York at Stony Brook*.
- del-Rio, Heberto.** (1997/98) Study Abroad Scholarship, \$11,500 + tuition. *Universidad Nacional Autonoma de Mexico*, Mexico.
- Friedman, Paul.** (1997) Chairman's Award for Excellence in Teaching by a Graduate Student receiving a Ph. D., \$150. *Mathematics Department, State University of New York at Stony Brook*.
- Godinho, Leonor.** (1997/98) PRAXIS XXI Fellowship, \$21,600 + tuition. *Junta Nacional de Investigacao Cientifica E Tecnologica*, Lisbon, Portugal.
- Gonye, Zsuzsanna.** (1997) Chairman's Award for Excellence in Teaching by a First or Second Year Graduate Student, \$100. *Mathematics Department, State University of New York at Stony Brook*.
- Herrera-Guzman, Haydee.** (1997/98) Study Abroad Scholarship, \$11,500 + tuition. *Universidad Nacional Autonoma de Mexico*, Mexico.
- Hinojosa-Palafox, Gabriela.** (1997/98) *Direccion Adjuta de Investigacion Cientifica Scholarship*, \$20,800. *CONACyT*, Mexico.
- Janks, Gregory.** (1997/98) University Council, National Postgraduate, Harry Hofmeyer Scholarships, *University of the Witwatersrand*, Johannesburg, South Africa.
- Mande, Jose.** (1997/98) Venezuelan Fellowship, \$16,000 + tuition. *Simon Bolivar University*, Caracas, Venezuela.
- Petean, Jimmy.** (1997) Simons Prize, \$500. *Department of Mathematics, State University of New York at Stony Brook*.
- Rymov, Almas.** (1997/98) Bolashak Presidential Scholarship, \$11,000 + tuition. *Department of Education*, Kazakstan.
- Santos, Pedro.** (1997/98) PRAXIS XXI Fellowship, \$21,600. *Junta Nacional de Investigacao Cientifica E Tecnologica*, Lisbon, Portugal.
- Schaefer, Joseph.** (1997) Chairman's Award for Excellence in Teaching by a Graduate Student receiving a Ph. D., \$150. *Department of Mathematics, State University of New York at Stony Brook*.
- Stelling, Luisa.** (1997) Simons Prize, \$500. *Department of Mathematics, State University of New York at Stony Brook*.
- Zakeri, Saeed.** (1997) Travel Grant, \$1000. *Institute for Theoretical Physics & Mathematics (IPM)*, Tehran, Iran.
- Zakeri, Saeed.** (1997) Travel Grant, \$1000. *Institute for Mathematical Sciences, State University of New York at Stony Brook*.

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

- Koralov, Leonid.** (1997) Effective Diffusivity of Time Dependent Vector Field. (in press) *Proceedings of the ISAAC Conference*.
- Koralov, Leonid.** (1997) Effective Diffusivity of Stationary Vector Fields with Short Time Correlations. *Random Operators and Stochastic Equations*, no. 4, Vol. 5, pp 303-324.
- Zakeri, Saeed.** (1998) On critical points of proper holomorphic maps on the unit disk. *Bull. London Math. Soc.* 30, 62-66.

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

- Hinkle, Benjamin.** (1998) Parabolic Limits of Renormalization. *Joint Mathematics Meeting*, Baltimore, Maryland.
- Koralov, Leonid.** (1997) Transport by Time Dependent Random Flows. *Center for Nonlinear Studies Research Seminar*. Los Alamos National Laboratory, Los Alamos, New Mexico.
- Koralov, Leonid.** (1997) Transport by Time Dependent Stationary Random Flow. *The First Vancouver Meeting on Probability*, Vancouver, Canada.
- Koralov, Leonid.** (1997) Effective diffusivity of Stationary Vector Fields with Short Time Correlations. *First International Congress of the International Society for Analysis, its Applications and Computation (ISAAC)*, Newark, Delaware.
- Latschev, Janko.** (1998) Generalizing the Morse complex. *Topology/Geometry Seminar*, Aarhus University, Denmark.
- Rotman, Regina.** (1997) Upper bounds on the length of shortest closed geodesic on simply connected manifolds. *Lehigh University Conference*, Bethlehem, Pennsylvania.
- Slimowitz, Jennifer.** (1998) Geodesics under the Hofer Norm. *University of Texas at Austin Geometry Seminar*, Austin, Texas.
- Slimowitz, Jennifer.** (1998) The group of Hamiltonian diffeomorphisms of a symplectic manifold. *Bryn Mawr College Colloquium*, Bryn Mawr, Pennsylvania.

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

- Dey, Rukmini.** (1998) R. H. Bing Instructorship. Mathematics Department, *University of Texas*, Austin, Texas.
- Katz, Neil.** (1998) Postdoctorate. Graduiertenkolleg, Mathematics Department, *University of Bonn*, Bonn, Germany.
- Kiwi, Jan.** (1997) Postdoctorate. Mathematics Department, *Universidad Catolica de Chile*, Santiago, Chile.
- Koralov, Leonid.** (1998) Postdoctorate. *Institute for Advanced Study*, Princeton, New Jersey.
- Koralov, Leonid.** (1997/98) Visiting Researcher. Center for Nonlinear Studies, *Los Alamos National Laboratory*, Los Alamos, New Mexico.
- Latschev, Janko.** (1998) Postdoctorate. Mathematics Department, *University of Zurich*, Switzerland.
- Rotman, Regina.** (1998/99) N. S. F. Postdoctoral Fellowship, *Courant Institute, New York University*, New York, N. Y.
- Slimowitz, Jennifer.** (1998) Evans Instructor, Department of Mathematics, *Rice University*, Houston, Texas.

MECHANICAL ENGINEERING

GRADUATE DIRECTOR: JOHN KINCAID

DEPARTMENT CHAIR: FU-PEN CHIANG

❖ Jointly Authored Publications/Research Reports/Reviews

- Du, M. L.**, Chiang, F. P. (1998) The Effect of Static Tensile Strain on Cumulative Fatigue Damage. *International Journal of Fatigue*.
- Du, M. L.**, Chiang, F. P., Kagwade, S. V., Clayton, C. R. (1998) Influence of Corrosion on the Fatigue Properties of Aluminum Alloy Al 7075. *Journal of Testing and Evaluation*.
- Du, M. L.**, Chiang, F. P., Kagwade, S. V., Clayton, C. R. (1998) Interaction Between Corrosion and Fatigue of Al 2024-T3 Alloy. *International Journal of Fatigue*.
- Jin, F.**, Chiang, F. P. (in press) ESPI and Digital Speckle Correlation Applied to Inspection of Crevice Corrosion on Aging Aircraft. *Research in NDE*.
- Jin, F.**, Chiang, F. P. (1997) A New Technique Using Digital Speckle Correlation for Nondestructive Inspection of Corrosion. *Material Evaluation*, 55(7).
- Wang, Q.**, Guo, Y. F., Chang, S., Chiang, F. P. (1997) Analysis of Local Thermal Deformation in a Solder Joint by SIEM. *SEM Numerical/Experimental Mechanics in Electronic Packing, Volume 2*.

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

- Ladeinde, F., **Alabi, K.** (1998) A High-Quality Advancing Front Technique Using Recursive Domain Subdivision. *The 6th International Conference on Numerical Grid Generation in Computational Field Simulation*. London, England.
- Alabi, K.**, Ladeinde, F. (1998) Unstructured Automatic Viscous Grids Using Hexahedral Cells. In preparation for the *AIAA*.
- Wang, Q., Guo, Y., **Chang, S.**, Chiang, F. P. (1998) Investigation of Thermal-mechanical Behavior of C4 Solder Joint by SIEM. *1998 SEM Spring Conference*. Houston, Texas.
- Du, M. L.**, Chiang, F. P. (1997) Crack Tip Plasticity as a Parameter for Fatigue Crack Growth, Finite Physics and Mechanics of Finite Plastic & Viscoplastic Deformation. *The Sixth International Symposium on Plasticity and Its Current Applications*. Juneau, Alaska.
- Du, M. L.**, Chiang, F. P. (1997) Investigation of Fatigue Crack Propagation Using Moiré Method. *Abstract Proceedings of the SEM Spring Conference on Experimental Mechanics*, pp. 224.
- Jin, F., **Du, M. L.**, Chiang, F. P. (1997) Finite Deformation Measurements by White Light Speckle Method. *Abstract Proceedings of the SEM Spring Conference on Experimental Mechanics*, pp. 293.
- Jin, F., **Du, M. L.**, Chiang, F. P. (1997) On Fractal Aspect of Corrosion Fatigue. *The First Joint DoD/FAA/NASA Conference on Aging Aircraft*. Ogden, Utah.
- Wang, Q., **Du, M. L.**, Chiang, F. P. (1997) Micromechanics Study of Plastic Zone at Crack Tip in Steel under Cyclic Load. *The 1997 International Mechanics Engineering Congress and Exposition*. Dallas, Texas.
- Fan, C. H.**, Longtin, J. P. (1998) Laser-Based Temperature Measurement at Liquid Surfaces. *11th International Heat Transfer Conference*. Kyongju, Korea.
- Huang, P. S., **Jin, Feng**, Chiang, F. P. (1998) Digital Fringe Projection and Phaseshifting for Automated 3-d Surface Contouring. *NSF Design and Manufacturing Grantee's Conference*. Mexico.

- Jin, F.**, Chiang, F. P. (1998) Fractal as a New Tool for Experimental Mechanics. *1998 SEM Spring Conference on Experimental and Applied Mechanics*. Houston, Texas.
- Huang, P. S., **Jin, F.**, Chiang, F. P. (1998) Quantitative NDE of Pitting Corrosion by Digital Fringe Projection. *1998 SEM Spring Conference on Experimental and Applied Mechanics*. Houston, Texas.
- Jin, F.**, Chiang, F. P. (1998) Evaluation of Damage in Composites by Fractal Geometry. *1998 SEM Spring Conference on Experimental and Applied Mechanics*. Houston, Texas.
- Jin, F.**, Wu, S. Y., Chiang, F. P. (1997) Quantitative Evaluation of Crevice Corrosion by TADS. *The First Joint DoD/FAA/NASA Conference on Aging Aircraft*. Ogden, Utah.
- Jin, F.**, Du, M. L., Chiang, F. P. (1997) On Fractal Aspect of Corrosion/Fatigue. *The First Joint DoD/FAA/NASA Conference on Experimental and Applied Mechanics*. Bellevue, Washington.
- Yan, X. T., **Jin, F.**, Chiang, F. P. (1997) Mixed Mode Effect on Interfacial Fracture Toughness. *20th Annual Adhesion Society Meeting*. Hilton Head, South Carolina.
- Wang, Q.** & Chiang, F. P. (1998) Speckle Interferometry with Nanoparticles. *SPIE – International Society of Optical Engineers*. Hungary.
- Wang, Q.**, Rafailovich, M., Sokolov, J. & Chiang, F. P. (1998) Fracture of PS/PMMA Interface Reinforced with Co-Polymer. *13th U. S. National Congress of Applied Mechanics*. Gainesville, Florida.
- Wang, Q.**, Chiang, F. P. (1998) Characterization of Mechanical Property Gradient Across HAZ of Weldment. *13th U. S. National Congress of Applied Mechanics*. Gainesville, Florida.
- Wang, Q.**, Chiang, F. P. (1998) Speckle Interferometry with Electron Microscopy. *13th U. S. National Congress of Applied Mechanics*. Gainesville, Florida.
- Wang, Q.**, Chiang, F. P. (1998) Local Strain Concentration in Bonding Pad. *SEM Meeting*. Houston, Texas.

MOLECULAR BIOLOGY AND BIOCHEMISTRY

GRADUATE DIRECTOR: JAMES P. QUIGLEY

DEPARTMENTAL CHAIR: WILLIAM J. LENNARZ

❖ Grants, Fellowships and Awards

Andrulis, Erik. (1997) Travel Fellowship, \$1,000. *American Society for Biochemistry and Molecular Biology*, Bethesda, MD.

Andrulis, Erik. (1997) *Sigma Xi* Excellence in Research Award, Stony Brook Chapter.

DeMattos, Ronald. (1997) Predoctoral Fellowship, Institute for Cell and Developmental Biology, *State University of New York at Stony Brook*.

Melchor, Jerry. (1997) NIGMS, *National Institutes of Health* Predoctoral Trainee Fellowship.

Temel, Ryan. (1997) NIGMS, *National Institutes of Health* Predoctoral Trainee Fellowship.

❖ Jointly Authored Publications/Research Reports/Reviews

Asch, William S., Leake, D., Canger, A. K., Passini, M. A., Argeuton, F. and Schechter, N. (in press) Cloning of zebrafish neurofilament cDNAs for plasticin and gefilltin; Increased mRNA expression in ganglion cells after optic nerve crush. *J. Neurochem.*

Chen, B., **Chu, Tehyen,** Harms, E., Gergen, J. P. and Strickland, S. (in press) Mapping of *Drosophila* mutations using site-specific male recombination. *Genetics.*

Temel, R. E., Bernardo, T., **DeMattos, Ronald B.,** Azhar, S., Krieger, M. and Williams, D. (1997) Scavenger receptor-BI is the major route for the delivery of HDL cholesterol to the steroidogenic pathway in cultured adrenocortical cells. *Proc. Nat'l. Acad. Sci., USA*, 94, (25) 13600-13605.

DeMattos, R. B., Curtiss, L. K. and Williams, D. L. (1998) A minimally-lipidated form of cell-derived apolipoprotein E exhibits isoform-specific stimulation of neurite outgrowth in the absence of exogenous lipids or lipoproteins. *J. Biol. Chem.* 273 (7) 4206-4212.

Asch, W. S., **Leake, Devin,** Canger, A. K., Passini, M. A., Argeuton, F. and Schechter, N. (in press) Cloning of zebrafish neurofilament cDNAs for plasticin and gefilltin; Increased mRNA expression in ganglion cells after optic nerve crush. *J. Neurochem.*

Malenbaum, Susan E, Merrill, A. R. and London, E. (in press) Membrane-Inserted Colicin E1 Channel Domain: A Topological Survey by Fluorescence Quenching Suggests That Model Membrane Thickness Affects Membrane Penetration. *J. of Natural Toxins.*

Malenbaum, S. E., Collier, R. J. and London, E. (in press) Transmembrane Domain of Diphtheria Toxin: Orientation of Helices in a Bilayer as Determined by Single Tryptophan Mutants. *Biochem.*

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

Ash, W. S., Leake, D., Canger, A. K., **Passini, M. A.,** Argeuton, F. and Schechter, N. (in press) Cloning of zebrafish neurofilament cDNAs for plasticin and gefilltin; Increased mRNA expression in ganglion cells after optic nerve crush. *J. Neurochem.*

Passini, Marco A., Raymond, P. A. and Schechter, N. (in press) *Vsx-2*, a gene encoding a paired-type homeodomain, is expressed in the retina, hindbrain, and spinal cord during goldfish embryogenesis. *Dev. Brain. Res.*

- Passini, M. A.**, Levine, E. M., Canger, A. K., Raymond, P. A. and Schechter, N. (1997) *Vsx-1* and *Vsx-2*; Differential expression of two paired-like homeobox genes during zebrafish and goldfish retinogenesis. *J. Comp. Neurol.* 388, 495-506.
- Levine, E. M., **Passini, M. A.**, Hitchcock, P. F., Glasgow, E. and Schechter, N. (1997) *Vsx-2* and *Vsx-1*; Two *Chx-1*-like homeobox genes expressed in overlapping domains in the adult goldfish retina. *J. Comp. Neurol.* 387, 439-448.
- Sharpe, Juanita C.** and London, E. (1997) Inadvertent concentrating of EDTA by ion exchange chromatography: Avoiding artifacts that can interfere with protein purification. *Analytical Biochem.* 250, 124-125.
- Reaven, E., Nomoto, A., Leers-Sucheta, S., **Temel, Ryan E.**, Williams, D. L. and Azhar, S. (in press) Expression and microvillar localization of SR-BI (an HDL receptor) in lutenized and hormone-desensitized rat ovarian model. *Endocrinology*.
- Temel, R.**, Sung, T., Roper, R. L., Zhang, Y., Rudge, S. A., **Temel, R.**, Hammond, S. M., Morris, A. J., Moss, B., Engebrecht, J. and Frohman, M. A. (1997) Mutagenesis of phospholipase D defines a superfamily including a *trans*-Golgi viral protein required for poxvirus pathogenicity. *EMBO J.* 16, 4519-4530.
- Serra, M. J., Barnes, T. W., Betschart, K., Gutierrez, M. J., Sprouse, K. J., Riley, C. K., Stewart, L. and **Temel, R. E.** (1997) Improved parameters for the prediction of RNA stability. *Biochem.* 36, 4844-4851.
- Temel, R.**, Trigatti, B., Demattos, R., Azhar, S., Krieger, M. and Williams, D. (1997) Scavenger receptor class B, type I (SR-BI) is the major route for the delivery of the high density lipoprotein cholesterol to the steroidogenic pathway in cultured mouse adrenocortical cells. *Proc. Nat'l. Acad. Sci., USA*, 94, 13600-13605.
- Aimes, R. T., Li, L-H., **Weaver, Brian K.**, Hawkes, S., Hahn-Dantona, E. A. and Quigley, J. P. (1998) Cloning, expression, and characterization of chicken tissue inhibitor of metalloproteinase-2 (TIMP-2) in normal and transformed chicken embryo fibroblasts. *J. Cell Physiol.* 174, 342-352.
- Owczarek, C. M., Hwang, S. Y., Holland, K. A., Gulluyan, L. M., Tavarria, M., **Weaver, Brian K.**, Reich, N. C., Kola, I. and Hertzog, P. J. (1997) Cloning and characterization of soluble and transmembrane isoforms of a novel component of the murine type I interferon receptor, IFNAR 2. *J. Biol. Chem.* 272, 23865-23870.
- Weaver, Brian K.**, Kumar, K. P. and Reich, N. C. (1997) Interferon regulatory factor 3 and CREB-binding protein/p300 are subunits of double-stranded RNA-activated transcription factor DRAF1. *Molec. And Cell Bio.* 18, 1359-1368.

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

- Andrulis, Erik.** (1997) Transcriptional Silencing Mediated by Chromosomal Anchorage at the Nuclear Periphery. 17th *International Congress on Biochemistry and Molecular Biology*. Moscone Conference Center, San Francisco, CA. ASBMB/IUBMB Young Scientists Program. Asilomar Conference Center, Pacific Grove, CA.
- DeMattos, Ronald.** (1997) Localization of Apolipoprotein E in the Cytoplasm of Neuro-2a Cells. Poster. *The Society for Neuroscience 27th Annual Meeting*, New Orleans, LA.
- DeMattos, Ronald.** (1997) Cell Derived Lipidated Apolipoprotein E Isoform-specific Stimulation of Neurite Outgrowth in the Absence of \exists -VLDL. Platform talk, *The American Heart Association 70th Scientific Session*, Orlando, FL.
- DeMattos, Ronald.** (1997) LDL in Human apoB Transgenic Mice Fails to Restore Cholesteryl Ester Stores in ApoA-I Deficient Mice. Platform talk, *The American Heart Association 70th Scientific Session*, Orlando, FL.
- Bar-Sagi, D, **Roll, Richard** and Taylor, Laura J. (1997) A Novel Method for Monitoring Gi/S Phase Transition in Living Cells. Poster. *The 13th Annual Meeting on Oncogenes*, Frederick, MD.
- Sharpe, Juanita C.** and London, E. (1997) Pore Formation by Diphtheria Toxin is Dependent on Protein Concentration. 41st *Annual Meeting of the Biophysical Society Meeting*, New Orleans, LA. March 2-6.

- London, E. Pore and **Sharpe, J. C.** (1997) Formation by Diphtheria Toxin and the Isolated Translocation Domain. Poster. *The 17th International Congress of Biochemistry and Molecular Biology Meeting*, San Francisco, CA. August 24-29.
- Bar-Sagi, D, Roll, R. and **Taylor, Laura J.** (1997) A Novel Method for Monitoring G1/S Phase Transition in Living Cells. Poster. *The 13th Annual Meeting on Oncogenes*, Frederick, MD.
- Kumar, P., Reich, N. C. and **Weaver, Brian.** (1997) Interferon Regulatory Factor 3 is a Subunit of the dsRNA Activated Factor, DRAF1. Oral Presentation. *Annual Meeting of the International Society for Interferon and Cytokine Research*, San Diego, CA.
- Kumar, P., Reich, N. C. and **Weaver, Brian.** (1997) Interferon Regulatory Factor 3 and CBP/p300 are Subunits of the dsRNA Activated Transcription Factor, DRAF1. *Keystone Symposium on Signal Transduction by JAKs and STATs*, Tamarron, CO.

❖ **Post Doctorates Obtained and Professional Appointments**

- Andrulis, Erik.** (1998) Postdoctoral Fellow with Dr. John T. Lis, Department of Biochemistry, Molecular and Cell Biology, *Cornell University*, Ithaca, NY.
- Malenbaum, Susan.** (1998) Postdoctoral Fellow with Dr. Cecilia Cheng-Meyer, *The Aaron Diamond AIDS Research Center*, New York, NY.
- Passini, Marco.** (1998) Postdoctoral Fellow with Dr. John Wolfe, Department of Pathobiology, School of Veterinary Medicine, *University of Pennsylvania*, Philadelphia, PA.
- Sharpe, Juanita.** (1998) Postdoctoral Fellow with Dr. Robert Doms, Department of Pathology and Laboratory Medicine, *University of Pennsylvania*, Philadelphia, PA.

MOLECULAR GENETICS AND MICROBIOLOGY

PROGRAM DIRECTOR: PATRICK HEARING

DEPARTMENT CHAIR: ECKARD WIMMER

❖ Grants, Fellowships and Awards

Mueller, Steffen. (1997-1999) Doktoranden-Stipendium des Boehringer Ingelheim Fonds, \$16,000/year. *Boehringer Ingelheim Fonds*, Stuttgart, Germany.

❖ Jointly Authored Publications/Research Reports/Reviews

Collazo, Carmen M. and Galán, J. E. (1997) The invasion-associated type III system of *Salmonella typhimurium* directs the translocation of Sip proteins into the host cell. *Infect. Immun.*, 65:1267-1272.

Collazo, Carmen M. and Galán, J. E. (1997) Contact dependent protein secretion and *Salmonella* interaction with host cells. *Gene*, 192:51-59.

Kubori, T., Matsushima, Y., Nakamura, D., Uralil, J., **Lara-Tejero, Maria**, Sukhan, A., Galán, J. E., and Aizawa, S. I. (in press) The invasion-associated type III protein secretion system of *Salmonella typhimurium* forms a supramolecular structure in the bacterial envelope. *Science*.

Mueller, Steffen and Wimmer, E. (1998) Expression of Foreign Proteins by Poliovirus Polyprotein Fusion: Analysis of Genetic Stability Reveals Rapid Deletions and Formation of Cardioviruslike Open Reading Frames. *Journal of Virology*, 72:20-31.

Gromeier, M., **Mueller, Steffen**, Solecki, D., Bossert, B., Bernhardt, G., and Wimmer, E. (1997) Determinants of poliovirus neurovirulence. *Journal of Neurovirology*, 3:35-58.

Gromeier, M., Lu, H. H., **Mueller, Steffen**, Alexander, L., and Wimmer, E. (1997) Attenuated Poliovirus as Live Vaccine. *New Generation Vaccine*, Ed. M. Levine. New York: Marcel Dekker, Inc., pp. 315-329.

Palmer, Lance E., Hobbie, S., Galán, J. E., and Bliska, J. B. (1998) YopJ of *Yersinia pseudotuberculosis* is required for the inhibition of macrophage TNF- α production and downregulation of the MAP kinase p38 and JNK. *Molecular Microbiology*, 72:953-965.

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

Colosimo, Marc and Katz, E. (1997) Drug-Induced Detergent Resistance. *1997 International Dictyostelium Conference*, Snowbird, Utah.

Eichelberg, Katrin, Hardt, W. -D., and Galán, J. E. (1998) Identification and characterization of the *S. typhimurium* transcriptional regulators SprA and SprB encoded in SPI1. *American Society for Microbiology 98th General Meeting*, Atlanta, Georgia.

Kiely, Joan and Leatherwood, J. (1997) Orp2 of *Schizosaccharomyces pombe* is required for replication. *Mid-Atlantic Yeast Meeting*, Pittsburgh, Pennsylvania.

Wimmer, E., Gromeier, M., Solecki, D., **Mueller, Steffen**, and Peng, X. Z. (1997) The Role of the Cellular Poliovirus Receptor in Infection and Pathogenesis. *12th International Symposium on Affinity Interactions*, University of Kalmar, Sweden.

Mueller, Steffen and Wimmer, E. (1997) Monocistronic Poliovirus Expression Vectors: Genetic Analysis Reveals Rapid Deletions and Formation of Cardioviruslike Genotypes. *American Society for Virology 16th Annual Meeting*, Montana State University, Montana.

- Palmer, Lance E.**, Hobbie, S., Galán, J. E., and Bliska, J. B. (1997) A functional type III protein translocation pathway in *Y. pseudotuberculosis* is required for inhibition of macrophage TNF α expression and downregulation of p38 map kinase. *Microbial Pathogenesis and Host Response*. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.
- Palmer, Lance E.**, Hobbie, S., Galán, J. E., and Bliska, J. B. (1997) Suppression of TNF α expression by *Yersinia pseudotuberculosis* requires a functional Type III secretion pathway and is associated with the inhibition of p38 MAP kinase activity. *97th General Meeting for the American Society for Microbiology*, Miami Beach, Florida.
- Zhao, Weidong**, Wimmer, E., and Lahser, F. (1998) Modification of a Proteinase Cleavage Site improves the Growth Properties of a Hepatitis C/Polio Chimeric Virus. *American Society for Virology 17th Annual Meeting*. University of British Columbia, Vancouver, British Columbia, Canada.
- Lahser, F., **Zhao, Weidong**, and Wimmer, E. (1997) Contribution of the Hepatitis C Virus Core Protein and Open Reading Frame on Translation. *American Society for Virology 16th Annual Meeting*, Montana State University, Montana.

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

- Collazo, Carmen.** (1997) Postdoctoral Fellow. National Institute of Allergy & Infectious Disease, *National Institutes of Health*, Bethesda, Maryland.
- Cuconati, Andy.** (1997) Postdoctoral Fellow. Center for Advanced Biotechnology and Medicine, *Rutgers University*, Piscataway, New Jersey.
- Garcia, Alonzo.** (1997) Postdoctoral Fellow. Laboratory of Viral Diseases, National Institute of Allergy & Infectious Disease, *National Institute of Health*, Bethesda, Maryland.
- LaMontagne, Kenneth.** (1997) Postdoctoral Fellow. Children's Hospital, *Harvard Medical School*, Boston, Massachusetts.
- Lee, Benjamin.** (1997) Medical Student. School of Medicine, *State University of New York at Stony Brook*, Stony Brook, New York.
- Roll, Richard.** (1998) Postdoctoral Fellow. Department of Medicine, Division of Hematology-Oncology, *University of Pennsylvania*, Philadelphia, Pennsylvania.
- Schmid, Susanne.** (1997) Postdoctoral Fellow. Department of Pathology, *Harvard Medical School*, Boston, Massachusetts.
- Shin, Sanghoon.** (1997) Postdoctoral Fellow. Laboratory for Genetic Disease Research, National Human Genome Research Institute, *Naitonal Institutes of Health*, Bethesda, Maryland.

MUSIC

GRADUATE DIRECTOR: PETER WINKLER

DEPARTMENT CHAIR: DAVID LAWTON

❖ Grants, Fellowships and Awards

- Bain, Jennifer.** (1997-98) Doctoral Fellowship, *Social Sciences and Humanities Research Council of Canada*.
- Barg, Lisa.** (1998) Madeline Fusco Fellowship Award. *State University of New York at Stony Brook*.
- Barg, Lisa.** (1998) Madeline Fusco Women's Fellowship, \$1,000. *State University of New York at Stony Brook*.
- Cateforis, Theo.** (1998-99) AMS 50 Dissertation Fellowship, *American Musicological Society*.
- Cheng, Wai.** (1998) Semifinalist, *Vienna de Motta International Piano Competition*, Macao, Phillipines.
- DeCorso, Sara.** (1998) Fellow, *Tanglewood Music Center*, Lenox, Mass.
- Kim, Daewhan.** (1998) Special Presentation Award, *Artists International, Inc.* New York. Debut recital at *Weill Recital Hall*, October 1998. New York City.
- Ling, David.** (1998) Fellow, *Tanglewood Music Center*, Lenox, MA.
- Long, Kenneth.** (1998) Fellow, *Tanglewood Music Center*, Lenox, MA.
- Morkoski, Molly.** (1998) Fellow, *Aspen Music School*, Aspen, CO.
- Neary, Alice.** (1998) Winner, Pierre Fournier Award. Debut recital at *Wigmore Hall*, Spring 1999. London, England.
- Yoo, So Young.** (1998) Eastern Regional Finalist, *Metropolitan Opera Council Auditions*.

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

- Bain, Jennifer.** (1998) Approaching A: Notational Constraints and Tonal Structure in the Music of Guillaume de Machaut. *Canadian University Music Society Annual Meeting*, Ottawa, Ontario.
- Bain, Jennifer.** (1998) Hildegard on 34th Street: Chant in the Marketplace. *33rd International Congress on Medieval Studies*, Kalamazoo, Michigan.
- Bain, Jennifer.** (1997) Guillaume de Machaut: Music and Text. *Boreas Conference on Medieval Studies*, Stony Brook, New York.
- Bain, Jennifer.** (1997) Contrapuntal Goals in Machaut's Ballades. *Annual Meeting, American Musicological Society*, Phoenix, Arizona.
- Barg, Lisa.** (1997) Crosstown Folk: Paul Robeson's Voice and the Cultural Politics of People's Music. *International Association for the Study of Popular Music*, Pittsburgh, PA.
- Cateforis, Theodore.** (1997) I am a DJ: I am What I Play: Genre and Identity at a College Radio Station. *International Association for the Study of Popular Music*, Pittsburgh, PA.
- Cateforis, Theodore.** (1997) Signifying Screams: Wailing Banshees and Virile Men. *Feminist Theory and Music IV*, Charlottesville, Virginia.
- Eckert, Stefan.** (1998) "Music is an inexhaustible sea, no amount of paper can contain its rules!": The Concept of *Tonordnung* in Joseph Riepel's *Anfangsgründen* (revised version). *Thirteenth Annual Meeting of the New England Conference of Music Theorists*, Storrs, Connecticut. Also presented at 1998 *Graduate Student Music Forum Symposium*, Madison, Wisconsin.
- Eckert, Stefan.** (1998) "So, you want to write a minuet?" *Teaching Theory as History Annual Meeting of the College Music Society*, Northeast Chapter Albany, New York.

Eckert, Stefan. (1997) "Music is an inexhaustible sea, no amount of paper can contain its rules!?: The Concept of *Tonordnung* in Joseph Riepel's *Anfangsgründen*. *The Tenth IUGTA Biennial Symposium of Reseach in Music Theory*, Bloomington, Indiana.

Yri, Kirsten. (1997) The New Medievalism: Fantasy Tries Reality in Enigma and Dead Can Dance. *International Society for Studies in Medievalism*, Canterbury, England. Also presented at *International Association for the Study of Popular Music*, Pittsburgh, PA.

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

Eckert, Stefan. (1997-98) Adjunct Instructor in Music Theory, Department of Music and Performing Arts professions, *New York University*.

Hanley, Jason. (1997-98) Adjunct Lecturer, Department of Music, *Hofstra University*.

Lavin, Ann. (1998) *Spoletto Festival Orchestra*, Spoleto, Italy.

❖ **Performances**

Ahn, Myung-Joo, DeCorso, Sara, Goeser, Amy, Kokolus, Barbara, Kolb, Andrew, Long, Kenneth, Martin, Andrée, Meyer, Jeff, Roland, Tomm, Russell, David, Tighe, John, Vaillancourt, Paul, Valdes, Cristina. (1998) Stony Brook Contemporary Players concert in honor of the 90th Birthday of Elliot Carter, *Gallery 678*, New York City, New York.

Cheng, Wai. (1997) Piano Concerto performance with Hong Kong Sinfoniata Orchestra, Hong Kong.

Cheng, Wai. (1997) Solo piano recital, *Hong Kong City Hall Theater*, Hong Kong.

Docking, Simon, Hollingsworth, Karen, Inaba, Tomoko, Long, Kenneth, Lysack, Andrea, Martin, Andrée, Painter, Gabrielle, Vaillancourt, Paul. (1997) Stony Brook Contemporary Players tour, program of music by Canadian composers. Performances at *Purchase College Conservatory of Music*, New York; *Montreal University*, Canada; *Ottawa University*, Canada.

Durham, Jason. (1997) "The Sea" (text by Emily Dickenson) *171 Women's Chorale*, Corning, NY.

Neary, Alice. (1998) Solo recital, *International Cello Festival, '98*, Manchester, England.

Espina-Ruiz, Oskar, and **Hoffman, Anne-Marie.** (1998) members of "Trio Musika Bizia," residency at the Musika Bizia Summer Program in Spain (directed by Mr. Espina-Ruiz) and concert tour of Spain, including performances in the Guggenheim Museum, Bilbao, and in Gernika, San Sebatien, Huesca, Zaragoza, Madrid and Bermeo. Concerts include the premiere of a new work commissioned by the trio and funded by the Guggenheim Museum, Bilbao.

Jeter, James. (1997) Solo recital, *International Double-Reed Conference*, Northwestern University, Evanston, IL.

NEUROBIOLOGY AND BEHAVIOR

GRADUATE DIRECTOR : JOE FETCHO
DEPARTMENT CHAIR: LORNE MENDELL

❖ Grants, Fellowships and Awards

- Habas, Raymond.** (1998) Post-Doctoral Fellowship, U. S. Army Breast Cancer Fellowship, \$40,000/year for three years. *United States Army.*
- Kim, Sandra.** (1998) Grants-in-Aid of Research, \$600. *Sigma-Xi*, Triangle Park, North Carolina.
- Segal, Nadav.** (1997-98) Pre-Doctoral Research Fellowship for Training in Molecular, Cellular and Systems Neurobiology, \$10,473. *National Institute of Health*, Bethesda, Maryland.

❖ Jointly Authored Publications/Research Reports/Reviews

- Dannenberg, Rand,** Alexander H. King, Alan Doctor. (1997) "Curling and Delamination of Sputtered Spinel Ceramic Films," *MRS Conference Proceedings Fall 1997*, Stress Generation Mechanisms, Boston, MA.
- Shi, W.,** Wymore, R. S., Wang, H. -S., Pan, Z., Cohen, I. S., McKinnon, D. and Dixon, J. E. (1998) Identification of two nervous system specific members of the *erg* potassium channel gene family. *Journal of Neuroscience*, 17: 9423-9432.

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

- Buckmaster, C. A.,** Rapp, P. R., Eichenbaum, H. E., Amaral, D. G., Dusek, J. (1998) A Test for Relational Learning and Flexible Memory Expression for Monkeys. *Society for Neuroscience Abstracts.*
- Dannenberg, Rand,** Shankar Baliga, Alan Doctor. (1998) "Electrical and Optical Properties of Non-Stoichiometric MnCoNiO₄," *SPIE Conference*, Orlando FL.
- Shi, W.,** Wymore, R. S., Wang, H. S., Pan, Z., Cohen, I. S., McKinnon, D. and Dixon, J. E. (1998) Identification of two nervous system specific members of the *erg* potassium channel gene family. *Biophysical Society 42nd Annual Meeting*. Kansas City, Missouri.
- Shi, W.,** Wymore, R. S., Wang, H. -S., Pan, Z., Cohen, I. S., McKinnon, D. and Dixon, J. E. (1997) Identification of two nervous system specific members of the *erg* potassium channel gene family. *Neuroscience Society 27th Annual Meeting*. New Orleans, Louisiana.
- Shi, W.,** Wymore, R. S., Wand, H. -S., Pan, Z., Cohen, I. S., McKinnon, D. and Dixon, J. E. (1997) Identification of two nervous system specific members of the *erg* potassium channel gene family. *American Heart Association 70th Scientific Sessions*. Orlando, Florida.

❖ Post-Doctorates Obtained

- Habas, Raymond.** (1998) Post-Doctoral Fellow. Division of Neuroscience, *Children's Hospital, Harvard Medical School*, Boston, Massachusetts.

❖ Patent

- Dannenberg, Rand.** U. S. Serial No. 08/869,130 (Allowed for Issuance). Method of Applying a Film to a Substrate. This is a technique using the weak adhesion of fluoropolymers to photolithographically pattern chemically inert films deposited at high temperature.

ORAL BIOLOGY AND PATHOLOGY

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

❖ Grants, Fellowships and Awards

- Ryan, Maria Emanuel.** (1997) Dean's Meritorious Award for service to the School of Dental Medicine, *State University of New York at Stony Brook*.
- Ryan, Maria Emanuel.** (1997) *American Dental Association* recognition of exemplary achievements, Board of Governors Meeting, NYC, N. Y.
- Wolff, Mark S.** (1998) Research Support Grant. Unrestricted support. \$15,000. *Del Laboratories, Inc.*
- Wolff, Mark S.** (1997) Research Support Grant. Unrestricted support. \$7,500. *Valplast International.*
- Wolff, Mark S.** (1997) Research Support Grant. Unrestricted support. \$7,500. *Air Techniques, Inc.*
- Wolff, Mark S.** (1997) Associate Fellow, *New York Academy of Dentistry*, New York, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Ryan, Maria Emanuel.** (1998) "Host Response in Diabetes - Induced Periodontitis: Effects of Tetracycline Analogues," *State University of New York at Stony Brook*, Graduate School for the degree of Doctor of Philosophy in Oral Biology and Pathology.
- Wolff, Mark S.** (1998) "Dynamics and flow of the oral fluids: saliva and gingival crevicular fluid," *State University of New York at Stony Brook*, Graduate School for the degree of Doctor of Philosophy in Oral Biology and Pathology.

❖ Jointly Authored Publications/Research Reports/Reviews

- Jurukovski, V.** and Simon, M. (1998) Altered retinol metabolism in squamous cell carcinoma: reduction in lecithin: retinol acyl transferase activity. *J. Invest. Dermatology*, submitted for publication.
- Golub, Lorne M., Lee, Hsi-Ming, Greenwald, Robert A., **Ryan, Maria E.**, Sorsa, Timo, Salo, Tuula, Gianobile, William V. (1997) "A Matrix Metalloproteinase Inhibitor Reduces Bone-Type Collagen Degradation Fragments and Bone-Type Collagenase in Gingival Crevicular Fluid During Adult Periodontitis," *Inflamm Res.* 46:310-319.
- Bader, H. I., Zahradnik, R., **Ryan, M. E.**, Oringer, R. J. (1998) "Chairside Protease Assay vs. BOP as Indicator of Periodontal Therapy Endpoint," *J. Dent Res.* 77: #609.
- Javaherian, A., **Vaccariello, M. A.**, Fusenig, N., Garlick, J. (1998) Normal keratinocytes suppress early stages of neoplastic progression in stratified epithelium. *Cancer Research*, May.
- Lee, H. M., Golub, L. M., Chan, D., Leung, M., Schroeder, K., **Wolff, M. S.**, Simon, S., and Crout, R. (1997) Alpha 1 proteinase inhibitor in gingival crevicular fluid in humans with adult periodontitis: serpinolytic inhibition by doxycycline. *J. Perio. Res.* 32.
- Haupt, M. L., Heins, P., Lamster, I., Stone, C. and **Wolff, M. S.** (1997) An evaluation of intraoral lidocaine patches in reducing needle insertion pain. *Comp. of Cont. Ed. In Dental Vol.* XVIII(4):3099-316, April.
- Wolff, M. S.** and Kleinberg I. (in press) Oral mucosal wetness levels in hypo- and normo-salivators. *Archs oral Biol.*
- Wolff, M. S.** and Kleinberg I. (in press) The effect of Robinul®-induced xerostomia on oral mucosal wetness and flow of gingival crevicular fluid in humans. *Archs. oral Biol.*

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

- Jurukovski, V.** and Simon, M. (1998) Difference in the retinol metabolism in squamous cell carcinoma cell lines, therapeutic implications. *Experimental Biology '98*, San Francisco, California.
- Markova, N., **Jurukovski, V.**, Randolph, K., Napoli, J. and Simon, M. (1998) Cloning and characterization of a member of the human retinol dehydrogenase (RoDH) gene family expressed in skin. *Experimental Biology '98*, San Francisco, California.
- Jurukovski, V.** and Simon, M. (1998) Retinol metabolism alteration in squamous cell carcinoma and possible therapeutic implications. *International Investigative Dermatology Meeting*. Cologne, Germany.
- N. Ohvori, Ramamurthy, N. and **Liu, Yu.**, Sasaki, T. and Golub, L. Long-term chemically-modified tetracycline (CMT-8) therapy increases bone mass in ovariectomized (OVX) rats. *J. Bone and Mineral Research* 12:479, 1997.
- Liu, Yu**, N. Ramamurthy, J. Marecek, T. McNamara, B. Rifkin, O. Kabouridou and L. Golub. (1998) The pharmacokinetics of different chemically-modified tetracyclines (CMTs) *in vivo*. *J. Dent. Res.* 77:1165
- Ryan, Maria Emanuel.** (1998) "Systemic Chemotherapy for Periodontics," *Northeastern Society of Periodontists, Luncheon for Learning*, New York City, New York.
- Ryan, Maria Emanuel.** (1997) "Potential New Therapy for the Prevention of Long-Term Complications of Type I and Type II Diabetes," *Board of Directors Meeting of CollaGenex Pharmaceuticals, Inc.*, Philadelphia, Pennsylvania.
- Ryan, Maria Emanuel.** (1997) "Host Response in Periodontal Disease," *CollaGenex/ICS Launch Meeting*, Orlando, Florida.
- Ryan, Maria Emanuel.** (1997) "Host Modulation: The Development of New Periodontal Therapeutics. *Suffolk County Dental Society General Membership Meeting* (C. E. Credits), Hauppauge, New York.
- Ryan, Maria Emanuel.** (1997) "Tetracyclines Inhibit Excessive Glycosylation of a Variety of Proteins During Diabetes," *Non-Antibiotic Properties of Tetracyclines*, Garden City, New York.
- Ryan, Maria Emanuel.** (1998) "New Therapeutics and Diagnostics for the Management of Periodontal Disease" *Brookhaven Study Club* (C. E Credits), West Sayville, New York.
- Spradley, T.** and Kleinberg, I. (1988) Germ tube formation in *Candida albicans*. *J. dent. Res.* 77:1156.
- Wolff, M. S.** and Kleinberg, I. (1997) Teaching Dental Students How to Manage Dental Caries and Disease. *World Congress on Prevention*, Cape Town, South Africa.

❖ Special Categories

- Ryan, Maria E.** and Golub, Lorne M. (1998) Co-editors, State University of New York at Stony Brook, School of Dental Medicine, *Research News and Profiles*, Vol. 4, Spring.
- Peace, Jennifer L. (Editor) and **Ryan, Maria E.** (Alumni Editor), (1998) State University of New York at Stony Brook, School of Dental Medicine, *Continuing Impressions*, Volume 3.

PATHOLOGY

GRADUATE DIRECTOR: NANCY REICH
DEPARTMENTAL CHAIR: FREDERICK MILLER

❖ Grants, Fellowships and Awards

Burns, Margaret. (1997) The Aaron Janoff Award for Excellence in Experimental Pathology, Department of Pathology, State University of New York at Stony Brook.

Burns, Margaret. (1997) Student Travel Award, *National Meeting of the Society for Leukocyte Biology*, Baltimore, MD.

Burns, Margaret. (1997) Presidential Award Finalist, *National Meeting of the Society for Leukocyte Biology*, Baltimore, MD.

McDonald, Christine. (1997) NIGMS, *National Institutes of Health* Predoctoral Trainee Fellowship.

Seandel, Marco. (1997) NIGMS, *National Institutes of Health* Predoctoral Trainee Fellowship.

❖ Jointly Authored Publications/Research Reports/Reviews

Passini, M. A., Levine, E. M., **Canger, Anthony K.**, Raymond, P. A. and Schechter, N. (1997) *Vsx-1* and *Vsx-2*; Differential expression of two paired-like homeobox genes during zebrafish and goldfish retinogenesis. *J. Comp. Neurol.* 388, 495-506.

Asch, W. S., Leake, D., **Canger, A. K.**, Passini, M. A., Argeuton, F. and Schechter, N. (in press) Cloning of zebrafish neurofilament cDNAs for plasticin and gefiltin; Increased mRNA expression in ganglion cells after optic nerve crush. *J. Neurochem.*

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

Burns, Margaret and Furie, M. B. (1997) *B. burgdorferi* promotes the transendothelial migration of mononuclear leukocytes, Plenary session presentation. *National Meeting of the Society for Leukocyte Biology*, Baltimore, MD.

Seandel, Marco and Quigley, J. P. (1998) The role of extracellular matrix-degrading proteases in angiogenesis using a chicken embryo model. Poster presentation. *American Association for Cancer Research Conference on Angiogenesis and Cancer*, Orlando, FL.

PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: DANIEL BOGENHAGEN

DEPARTMENT CHAIR: ARTHUR P. GROLLMAN

❖ Grants, Fellowships and Awards

Elbanna, Angela M. (1998-2002) W. Burghardt Turner Fellow.

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

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

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

Siao, Chia-Jen (Jean) (1997) Dorothy Pieper Merit Award for Outstanding Entering Doctoral Students, \$2,000.

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

Sung, Tsung-Chang (1997) Van der Kloot Award for Excellence in Research in the Graduate Program in Molecular and Cellular Pharmacology, \$500.

Zhan, Jinghui (1997) Van der Kloot Award for Excellence in Teaching in the Graduate Program in Molecular and Cellular Pharmacology, \$500.

❖ Jointly Authored Publications/Research Reports/Reviews

Antoshechkin, Igor, Bogenhagen, D. F., and Mastrangelo, I. A. (1997) The HMG-box Mitochondrial Transcription Factor xl-mtTFA Binds DNA as a Tetramer to Activate Bidirectional Transcription. *EMBO J.* 16: 3198-3206.

Chen, Bin, Chu, T., Harms, E., Gergen, J. P., and Strickland, S. (1998) Mapping of *Drosophila* Mutations Using Site-Specific Male Recombination. *Genetics* 149: 157-163.

Chen, Y-G., **Hammond, Scott**, Frohman, M. A., Morris, A. J., and Shields, D. (1997) Phospholipase D stimulates release of nascent secretory vesicles from the trans Golgi network. *J. Cell Biol.* 138: 495-504.

Sung, T. -C., Roper, R. L., Zhang, Y., Rudge, S. A., Temel, R., **Hammond, Scott M.**, Morris, A. J., Moss, B., Engebrecht, J. and Frohman, M. A. (1997) Mutagenesis of Phospholipase D defines a superfamily including a trans-Golgi viral protein required for poxvirus pathogenicity. *EMBO J.* 16: 4519-4530.

Luo, J. Q., Liu, X., **Hammond, S. M.**, Colley, W. C., Feig, L. A., Frohman, M. A., Morris, A. J., and Foster, D. A. (1997) RALA interacts directly with the ARF-responsive PIP2-dependent phospholipase D1. *Biochem. Biophys. Res. Commun.* 235: 854-859.

Jenco, John M., Becker, K., and Morris, A. J. (1997) Membrane-binding properties of phospholipase C- ϵ_1 and phospholipase C- ϵ_2 : Role of the C-terminus and effects of polyphosphoinositides, G-proteins and Ca^{2+} . *Biochem. J.* 327:431-437.

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*

Pessler, Frank, P. S. Pendergrast, and Hernandez, N. (1997) Purification and Characterization of FBI-1, a Cellular Factor That Binds to the Human Immunodeficiency Virus Type I Inducer of Short Transcripts. *Mol. Cell. Biol.* 17: 3786-3798.

Roberts, Roy, Sciorra, V. A., and Morris, A. J. (in press) Human Type-2 Phosphatidic Acid Phosphohydrolases: Substrate Specificity of the Type-2a, -2b, and -2c Enzymes and Cell Surface Activity of the 2a Isoform. *J. Biol. Chem.*

- Strickland, S., Gualandris, A., **Rogove, Andrew D.**, and Tsirka, S. E. (1997) Extracellular proteases in neuronal function and degeneration. *CSH Symp. Quant. Biol.* 61: 739-745.
- Rogove, Andrew D.** and Tsirka, S. E. (1998) Neurotoxic responses by microglia elicited by excitotoxic injury in the mouse hippocampus. *Curr. Biol.* 8: 19-25.
- Moll, U. M. and **Schramm, Laura M.** (1997) p53 - Apparadigm in Tumorigenesis. *Crit. Rev. Oral Biol. Med.* 9: 23-37.
- Neville, C. M., Choe, Y. -H., Lee, Y. -S., **Spinner, Daryl**, and Schmidt, J. (in press) The E protein CTF4 and Acetylcholine Receptor Expression in Development and Denervation Supersensitivity. *J. Biol. Chem.*
- 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. (1997) Mutagenesis of Phospholipase D defines a superfamily including a trans-Golgi viral protein required for poxvirus pathogenicity. *EMBO* 16: 4519-4530.
- Liang, O. J., **Sung, Tsung-Chang.**, Morris, A. J., Frohman, M. A., and Kornfeld S. (1997) Different domains of mammalian ADP-ribosylation factor 1 are required for interaction with selected target proteins. *J. Biol. Chem.* 272: 33001-33008.
- Chen, Y. G., Siddhanta A., Austin C. D., Hammond, S. M., **Sung, Tsung-Chang**, Frohman, M. A., Morris, A. J., and Shields, D. (1997) Phospholipase D stimulates release of nascent secretory vesicles from the trans-Golgi network. *J. Cell Biol.* 138: 495-504.
- Wreden, Christopher**, Verrotti, A. C., Schisa, J. A., Lieberfarb, M. E., and Strickland, S. (1997) *Nanos* and *pumilio* establish embryonic polarity in *Drosophila* by promoting posterior deadenylation of *hunchback* mRNA. *Development* 124: 3015-3023.
- 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/Colloquia, Presentations, Symposia, Workshops**

- Morris, A. J., **Hammond, Scott M.**, Sung, T. C., Colley, C., Jenco, J. M., Rudge, S. A., Engebrecht, J., and Frohman, M. A. (1997) "Structure and Regulation of Yeast and Human Phospholipase D," *The 662nd Meeting of the Biochemical Society*, July 29-31, Dundee, Scotland.
- Morris, A. J., Hammond, S. M., Sung, T. C., Colley, C., **Jenco, John M.**, Rudge, S. A., Engebrecht, J., and Frohman, M. A. (1997) "Structure and Regulation of Yeast and Human Phospholipase D," *The 662nd Meeting of the Biochemical Society*, July 29-31, Dundee, Scotland.

❖ **Post Doctorates Obtained and Professional Appointments**

- Antoshechkin, Igor** (1997) Post-doctoral position, Dr. Min Han, *University of Colorado*, Boulder, Colorado.
- Gelman, Marina S.** (1997) Post-doctoral position, Dr. R. Kopito, *Stanford University*, Stanford, California.
- Jenco, John M.** (1998) Post-doctoral position, Collaborative Bio Alliance, Dr. D. Watkins, Stony Brook, New York.
- McTigue, Monica** (1997) Post-doctoral position, Dr. Arthur P. Grollman, Department of Pharmacological Sciences, *SUNY at Stony Brook*, Stony Brook, New York.
- Sung, Tsung-Chang** (1998) Postdoctoral Fellow, *The Salk Institute*, La Jolla, California.
- Wreden, Christopher C.** (1997) Post-doctoral position, Dr. Robert Edwards, Department of Neurology, *University of California, San Francisco*, San Francisco, California.

PHILOSOPHY

GRADUATE DIRECTOR: ROBERT P. CREASE

DEPARTMENT CHAIR: EDWARD S. CASEY

❖ Grants, Fellowships and Awards

- Alfonso, Doris Rita.** (1997-98) W. Burghardt Turner Fellowship. \$13,526. *State University of New York at Stony Brook*, Stony Brook, New York.
- Antonio, Diane.** (1997) President's Award for Excellence in Teaching by a Graduate Student. \$500. *State University of New York at Stony Brook*, Stony Brook, New York.
- Bisticas-Cocoves, Marcos.** (1997) Mildred and Herbert Weisinger Fellowship Award. \$1000. *State University of New York at Stony Brook*, Stony Brook, New York.
- Briggance, Bram.** (1997) President's Award for Excellence in Teaching by a Graduate Student. \$500. *State University of New York at Stony Brook*, Stony Brook, New York.
- Caver, Jonathan.** (1997-98) Tübingen Exchange Fellowship, *University of Tübingen*, Tübingen, Germany.
- Flynn, Erin.** (1997-98) Stony Brook-Wuppertal (Germany) Exchange Program Recipient. 14,000 DM. *State University of New York at Stony Brook*, Stony Brook, New York, U. S. A.
- Rodemeyer, Lanei.** (1997-98) Extended Annual Grant, 12,510 DM. *Deutscher Akademischer Austauschdienst (German Academic Exchange Service)*, Bonn, Germany.
- Smith, Aaron.** (1998) Visiting Summer Research Fellowship. Howard and Edna Hong Kierkegaard Library. *St. Olaf College*, Northfield, Minnesota.
- Wahman, Jessica.** (1998) PGSA 1st Annual Graduate Student Conference Prize for Best Paper, \$100. *University of Kentucky*, Lexington, Kentucky.

❖ Singly Authored Publications/Research Reports/Reviews

- Emmer, Charles E.** (1998) Kitsch against Modernity. *Art Criticism*, Vol. 13, No. 1. Ed. Donald Kuspit.
- Llorente, Renzo.** (in press) Review of G. A. Cohen, *Self-Ownership, Freedom, and Equality*. *Review of Radical Political Economics* 30, no. 1.
- Mitchell, Andrew.** (in press) So it Appeals to All of Us: The Eternal Recurrence, The Death of God, and *Finnegans Wake*.
- Mitchell, Andrew.** (in press) On the Subject of Community: A Review of François Raffoul, *Heidegger and the Subject*. *Studies in Practical Philosophy*, Vol. I.
- Schull, Stephanie.** (1998) A Cultural Archaeology of the Insane Genius. *Analecta Husserliana: The Yearbook of Phenomenological Research*, Vol. LII. Ed. A. T. Tymieniecka. Boston: Kluwer Academic Publishers.
- Smith, Aaron.** (1997) Book Review: *Existence in Black: An Anthology of Black Existential Philosophy*. Ed. Lewis R. Gordon. *Journal Phänomenologie* (7) 53-54.

❖ Jointly Authored Publications/Research Reports/Reviews

- Alfonso, Rita** and Trigilio, Jo. (1997) Surfing the Third Wave: A Dialogue between Two Third Wave Feminists. *Hypatia*, 12(3): 7-15.

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

- Alfonso, Doris Rita.** (1998) The Status of the Question of Origins in Heidegger's *Being and Time*. *The Last Chapter of Philosophy*. University of Texas at Austin, Austin, Texas.
- Emmer, Charles E.** (1997) Kitsch gegen das Moderne. (Kitsch against Modernity) Guest lecture in Professor Jürgens-Kirchhoff, *Kunst und Trivialkultur*. Kunsthistorisches Institut, Eberhard-Karls-Universität Tübingen, Germany.
- Emmer, Charles E.** (1997) Blindness and Perception. Guest lecture in Professor Edward S. Casey, PHI 420 *Advanced Topics in Philosophy: The Philosophy of Perception*. State University of New York at Stony Brook, Stony Brook, New York.
- Lipis, Leo.** (1997) The Epistemological Consequences of Embodiment for Husserlian Phenomenology. Annual meeting of the *Society for Phenomenology and Existential Philosophy*. University of Kentucky, Lexington, Kentucky.
- Mitchell, Andrew.** (1998) Moderator. Conference panel, Being, Naming, and Giving: Heidegger and Levinas. *Transforming Traditions*. Graduate Student Conference of The State University of New York at Stony Brook, Stony Brook, New York.
- Mitchell, Andrew.** (1997) Overcoming Humanism: The Fourfold and Heidegger's Theorizing of Mortality. *Fifty Years of the Letter on Humanism*. Amsterdam, The Netherlands.
- Pohlhaus, Gaile.** (1997) Moving Beyond Sameness and Difference: From Binary Logic to Pluralist Feminism. *Society for Phenomenology and Existential Philosophy*. University of Kentucky, Lexington, Kentucky.
- Pohlhaus, Gaile.** (1997) Cultural Studies and Feminist Theory. Discussion group. *After Postmodernism Conference*. University of Chicago, Chicago, Illinois.
- Rodemeyer, Lanei.** (1998) Intersubjective Temporality: Applying Time to Feminist Philosophy of the Body. *International Association of Women Philosophers (IAPh)*, Eighth Symposium. Boston, Massachusetts.
- Rodemeyer, Lanei.** (1998) Writing Philosophy Gradually. *American Association of Philosophy Teachers (AAPT)*. Mansfield, Pennsylvania.
- Rodemeyer, Lanei.** (1998) Interfacing the temporal constitution of I and other: an analysis of Husserl's later manuscripts. *Husserl Circle Colloquium*. Louisville, Kentucky.
- Rodemeyer, Lanei.** (1997) Der Spiegel in Husserl's Cartesianische Meditationen. *Werkstatt Referat*. Bergische Universität Hochschule, Wuppertal, Germany.
- Rodemeyer, Lanei.** (1997) The Future of "Internal Time-Consciousness": A Critique of Phenomenological Temporality. *The Criticism of the Future Conference*. University of Kent at Canterbury, England.
- Schull, Stephanie.** (1998) The Knowing Psychological Body: A Psychoanalytic Study of Paradox. *Twentieth World Congress of Philosophy*. Boston, Massachusetts.
- Schull, Stephanie.** (1998) Musing: Why Only a Male Genius? *International Association of Women Philosophers*. Boston, University, Boston, Massachusetts.
- Schull, Stephanie.** (1998) In-Between the Analytic Partners: Sharing and Repeating. *22nd Annual International Association for Philosophy and Literature Conference*. University of California, Irvine, California.
- Schull, Stephanie.** (1998) Unbinding the Unconscious: The Knowing Body of Juan David Nasio. *Society for Philosophy and Psychiatry*. Yale, New Haven, Connecticut.
- Schull, Stephanie.** (1998) The Unconscious that Binds: Knowledge and the Image of the Body. *TERRAINS: Landscapes/Bodyscapes*. State University of New York at Stony Brook, Stony Brook, New York.
- Schull, Stephanie.** (1998) A Topography of the Psychological Body and its Paradoxes. *Tucson III: Toward a Science of Consciousness*. University of Arizona, Tucson, Arizona.
- Wahman, Jessica.** (1998) Integration and Difference: Individual and Society in Communicative Democracy. *University of Kentucky PGSA First Annual Graduate Student Conference*. University of Kentucky, Lexington, Kentucky.
- Wahman, Jessica.** (1998) Expressions of Femininity in *Totality and Infinity*. *Philosophy Department's Friday at Four Lecture Series*. Skidmore College, Saratoga Springs, New York.

- Wahman, Jessica.** (1997) Guest-lecturer/Visiting Instructor. Higher Education Opportunity Program (HEOP), *Skidmore College*, Saratoga Springs, New York.
- Wahman, Jessica.** (1997) The Genesis of Interiority: Reading Femininity in *Totality and Infinity*. *Society for Phenomenology and Existential Philosophy Annual Conference*. University of Kentucky, Lexington, Kentucky.
- Wahman, Jessica.** (1997) Moving on from Pragmatism/Phenomenology. Discussion group. *After Postmodernism Conference*. University of Chicago, Chicago, Illinois.
- Zavota, Gina.** (1998) Images of Desire. *22nd annual International Association for Philosophy and Literature Conference*. University of California at Irvine, Irvine, California.

❖ **Translations**

- Emmer, Charles E.** (1998) Wissenschaftliche Theorie oder praktische Lehre?/Scientific Theory or Practical Doctrine? Manfred Riedel. *Nietzsche and the Sciences*, Vol. 1. Ed. Babette Babich. Dordrecht: Kluwer Academic Publishers.
- Llorente, Renzo.** (in press) Voices of the Survivors: Testimony, Mourning and Memory in Post-Dictatorship Argentina (1983-1995). *Liria Evangelista*. Garland Publishing, Hamden, Connecticut.
- Mitchell, Andrew.** (in press) Heideggers Wende zum Deutschen Idealismus: Die Interpretation der Wissenschaftslehre von 1794/Heidegger's Turn to German Idealism: The Interpretation of the *Wissenschaftslehre* of 1794. Work by Prof. Dr. Claudius Strube. *Heidegger and Idealism*, Ed. Tom Rockmore.
- Mitchell, Andrew.** (1997) Antwort auf P. Christopher Smith *AAgon kai Katallage, Kampf und Versöhnung*, in Heidegger's Readings of the *Antigone*. /Response to P. Christopher Smith's *AAgon kai Katallage, Kampf und Versöhnung*, in Heidegger's Readings of the *Antigone*. Work by Dr. Peter Trawny. The 31st Annual Heidegger Conference, State College, Pennsylvania.

PHYSICS AND ASTRONOMY

GRADUATE DIRECTOR : PETER STEPHENS
DEPARTMENT CHAIR: JANOZ KIRZ

❖ Grants, Fellowships and Awards

- Simsarian, John E.** (1998) NRC Postdoctoral Fellowship. *National Research Council*, Washington DC.
- Simsarian, John E.** (1997) Division of Laser Science Travel Grant. *American Physical Society*, Washington DC.
- Simsarian, John E.** (1997) Peter B. Kahn Travel Award. *State University of New York at Stony Brook*, Stony Brook, New York.
- Tsai, Shan-Ho.** Partial support of research by *the National Science Foundation (NSF)* grant PHY-93-09888.
- Tsai, Shan-Ho.** (1997) *Sigma Xi Award* for Excellence in Research Granting institution: *Sigma Xi Scientific Research Society*, Stony Brook Chapter.

❖ Jointly Authored Publications/Research Reports/Reviews

- Halasz, M. A.**, Osborn, J. C. and Verbaarschot, J. J. M. (1997) Random Matrix Triality at Nonzero Chemical Potential. *Phys. Rev. D* 56, 7059.
- Halasz, M. A.**, Jackson, A. D. and Verbaarschot, J. J. M. (1997) Fermion Determinants in Matrix Models of QCD at Nonzero Chemical Potential. *Phys. Rev. D* 56, 5140.
- Halasz, M. A.**, Steele, J. V., Li, G. Q. and Brown, G. E. (1997) Photon Rates for Heavy-Ion Collisions from Hidden Local Symmetry. preprint *SUNY-NTG-97-54*.
- Osborn, J. C.** and Verbaarschot, J. J. M. (1998) Thouless Energy and Correlations of QCD Dirac Eigenvalues. *SUNY-NTG-98/15*, hep-ph/9803419.
- Reddy, Sanjay**, M. Prakash, and J. M. Lattimer (1998) Neutrino Interactions in Hot and Dense Matter. *Phys. Rev. D*, e-Print Archive: astro-ph/9710115.
- Reddy, Sanjay** and M. Prakash. (1997) Neutrino Scattering in a Newly Born Neutron Star. *Ap. J.* 478 689-700.
- Simsarian, John E.**, Orozco, L. A., Sprouse, G. D., and Zhao, W. Z. (1998) Lifetime measurements of the $7p$ levels of atomic francium. *Phys. Rev. A*, 57: 2448-2458.
- Zhao, W. Z., **Simsarian, John E.**, Orozco, L. A., Shi, W., and Sprouse, G. D. (1997) Measurement of the $7p^2P_{3/2}$ level lifetime in atomic francium. *Phys. Rev. Lett.*, 78: 4169-4172.
- Sprouse, G. D., Orozco, L. A., **Simsarian, John E.**, Shi, W., and Zhao, W. Z. (1997) Laser trapping of radioactive francium atoms. *Nuc. Instrum. Methods B*, 126: 370-373.
- Smith, Wade**, and Haglin, Kevin, L. (1998) Collision broadening of the f meson in baryon rich hadronic matter. *Physical Review C* 57: 1449-1453.
- E. Shuryak and **Teaney, D.** J/Ψ suppression and the QCD phase transition. nuch-th/9801016.
- Shrock, R., **Tsai, S. -H.** (in press) "Asymptotic Limits and Zeros of Chromatic Polynomials and Ground State Entropy of Potts Antiferromagnets" *Phys. Rev.* E55.
- Shrock, R., **Tsai, S. -H.** (in press) "Upper and Lower Bounds for Ground State Entropy of Antiferromagnetic Potts Models," *Phys. Rev.* E55.
- Shrock, R., **Tsai, S. -H.** (in press) "Non-universality of Complex-Temperature Phase Diagrams: 1D Spin Models with Next-Nearest-Neighbor Couplings," *Phys. Rev.* E55.
- Tsai, S. -H.** and Salinas, S. R. A. (in press) "Fourth-Order Cumulants to Characterize the Phase Transitions of a Spin-1 Ising Model," *Brazilian Journal of Physics*.

- Feldmann, H., Shrock, R. and **Tsai, S. -H.** (1998) "Complex-Temperature Partition Function Zeros of the Potts Model on the Honeycomb and Kagome' Lattices," *Phys. Rev.* E57 1335.
- Rocek, M., Shrock, R. and **Tsai, S. -H.** (1998) "Chromatic Polynomials for Families of Strip Graphs and Their Asymptotic Limits," *Physica* A252, 505.
- Feldmann, H., Guttman, A. J., Jensen, I., Shrock, R. and **Tsai, S. -H.** (1998) "Study of the Potts Model on the Honeycomb and Triangular Lattices: Low-Temperature Series and Partition Function Zeros," *J. Phys.* A31 2287-2310.
- 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. and **Tsai, S. -H.** (1997) "Lower Bounds and Series for the Ground State Entropy of the Potts Antiferromagnet on Archimedean Lattices and their Duals," *Phys. Rev.* E56 4111-4124.
- Feldmann, H., Shrock, R. and **Tsai, S. -H.** (1997) "A Mapping Relating Complex and Physical temperatures in the 2D q -State Potts Model and Some Applications," *J. Phys A (Lett.)* 30, L663-668.
- Shrock, R., **Tsai, S. -H.** (in press) "Families of Graphs with Chromatic Zeros Lying on Circles", *Institute for Theoretical Physics* preprint ITP-SB-97-11.
- Shrock, R., **Tsai, S. -H.** (in press) "Families of Graphs with $W([G]q)$ Functions that are Nonanalytic at $1/q = 0$," *Institute for Theoretical Physics* preprint ITP-SB-97-12.
- Shrock, R., **Tsai, S. -H.** (in press) "Ground State Entropy of Potts Antiferromagnets: Bounds, Series, and Monte Carlo Measurements," *Institute for Theoretical Physics* preprint ITP-SB-97-10.
- Tsai, S. -H.** "Large- q Series Expansion for the Ground State Degeneracy of the q -State Potts Antiferromagnet on the (3, 12) Lattice."

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

- Foster, Gregory**, Mielke, S. L., Gripp, J., Orozco, L. A. (1998) Intensity correlations of a noise driven diode laser. *Atomic, Molecular, and Optical Physics Seminar*. State University of New York at Stony Brook, Stony Brook, New York.
- Foster, Gregory**, Mielke, S. L., Orozco, L. A. (1998) Correlation measurements in cavity QED; detuning effects. *International Quantum Electronics Conference*. San Francisco, California.
- Foster, Gregory**, Gripp, J., Mielke, S. L., Orozco, L. A. (1997) Source of variable bunched light from a modulated diode laser. *Quantum Electronics and Laser Science Conference*. Baltimore, Maryland.
- Orozco, L. A., **Foster, Gregory**, Gripp, J., Mielke, S. L. (1997) Spectroscopy of an atoms-cavity system. *Quantum Electronics and Laser Science Conference*. Baltimore, Maryland.
- Mielke, S. L., **Foster, Gregory**, Orozco, L. A. (1997) Correlation function measurements of an atoms-cavity system. *OSA Annual Meeting*. Long Beach, California.
- Brown, G. E., **Halasz, M. A.**, Li, G. Q., Steele, J. V. (1997), Photon Rates for Heavy-Ion Collisions from Hidden Local Symmetry, *1997 Fall Meeting of the APS Division of Nuclear Physics*, Whistler, B. C., Canada.
- Reddy, S.**, M. Prakash, and Lattimer, J. M. (1997) "Neutrino Opacities in Dense Matter and Protoneutron Star Evolution," Invited Poster. *Second Oak Ridge Symposium on Atomic and Nuclear Astrophysics*, Oak Ridge.
- C. H. Lee, **Reddy, S.** and Prakash, M. (1997) Neutron Star Observables and the High Density Equation of State, *Division of Nuclear Physics Meeting of The American Physical Society*, Oct. 5-8, Whistler, Canada.
- Reddy, S.**, Pons, Prakash, M. and Lattimer, J. M. (1997) Neutrino Opacities in Dense Matter. Invited Poster. *Mexican School on Nuclear and Astrophysics*, Guanajuato.
- Reddy, S.**, Pons, J., Prakash, M. and Lattimer, J. M. (1997) Neutrino Opacities in Dense Matter. Invited Poster. *Supernova Explosions: Their Causes and Consequences*, Aug. 5-9, Santa Barbara, CA.
- Tsai, Shan-Ho.** "Large- q series expansion for the ground state entropy of q -state Potts Antiferromagnet," Presented talk. *78th Statistical Mechanics Meeting*, Rutgers University.

PHYSIOLOGY AND BIOPHYSICS

GRADUATE DIRECTOR: LEON MOORE

DEPARTMENT CHAIR: PETER BRINK

❖ Grants, Fellowships and Awards

Martinez, Francisco J. (1997) Pre-doctoral Scholarship, VII National Convocatory for Doctoral Studies Abroad, *Colciencias-LASPAU*, Bogota, Colombia, South America.

Runnels, Loren, W. (1998) Individual National Research Service Award (*NIH*) \$25,000/yr. for three years.

❖ Jointly Authored Publications/Research Reports/Reviews

Daniels, Brenda V., Schoenborn, B. P. and Korszun, Z. R. (1997) A Low-Resolution Low-Temperature Neutron Diffraction Study of Myoglobin. *Acta Crystallographica*, D53: 544-550.

Kaiser, Robert D., and London, Erwin. (in press) Location of Diphenylhexatriene (DPH) and Its Derivatives within Membranes: Comparison of Different Fluorescent Quenching Analyses of Membrane Depth. *Biochemistry*.

Pellicena, Patricia, Keith R. Stowell and W. Todd Miller. (in press) Enhanced Phosphorylation of Src-family Kinase Substrates Containing SH2 Domain Binding Sites. *Journal of Biological Chemistry*.

Spector, Shari, Kuhlman, Brian, Wong, Elsa, Fairman, Robert, Boice, Judith A., and Raleigh Daniel P. (1998) Cooperative folding of a protein mini domain: The peripheral subunit-binding domain of the pyruvate dehydrogenase multienzyme complex. *Journal of Molecular Biology* 276: 479-489.

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

London, Erwin, Kachel, Kelli and **Kaiser, Robert D.** (1998) Analyzing Membrane Protein Structure by Parallax Analysis of Fluorescence Quenching. Presentation, *42nd Annual Meeting of the Biophysical Society*, Kansas City, MO.

Park, Hangil, **Kim, Hyun A.** and Lennarz, William J. (1997) Protein and Protein Interaction of Oligosaccharyl Transferase in *S. Cerevisiae*. Presentation, *Society for Biochemistry and Molecular Biology*.

O'Neal III, M. H., T. J. Halat, N. H. Edelman, and I. C. Solomon. (1998) Gap junction proteins are co-localized in putative C1 adrenergic neurons located in the rostral ventrolateral medulla. *FASEB J.* 12(4): A63. Abstract #367.

Spector, Shari, Kuhlman, Brian, Wong, Elsa, Fairman, Robert, Boice, Judith A., and Raleigh Daniel P. (1997) Cooperative folding of a protein mini domain: The peripheral subunit-binding domain of the pyruvate dehydrogenase multienzyme complex. Poster Program for Graduate Students in Chemistry. *New York Academy of Sciences*, New York, NY.

Spector, Shari, Kuhlman, Brian, Wong, Elsa, Fairman, Robert, Boice, Judith A., and Raleigh Daniel P. (1997) Cooperative folding of a protein mini domain: The peripheral subunit-binding domain of the pyruvate dehydrogenase multienzyme complex. *Protein Society Meeting*, Boston, MA.

Walsh, Amy B. and Dafna Bar-Sagi. (1998) Roles of H-, K- and N-Ras in Cell Motility and Transformation. *Keystone Symposia on Molecular and Cellular Biology*.

C. Chandra Kumar, **Walsh, Amy** and Dafna Bar-Sagi. (1997) Inhibition of Ras transformation by SCH 51344. *Proceedings of the International Symposium on Cytoskeleton, G proteins and Cancer* held at Sapporo, Japan.

❖ **Post Doctorates Obtained and Professional Appointments**

Runnels, Loren, W. Post-Doctorate with David E. Clapham, M. D., Ph. D. Dept. Of Cardiology Research *Children's Hospital/HHMI*.

Runnels, Loren, W. (1998) Research Fellow of Pediatrics, *Harvard Medical School*, beginning February 1.

Runnels, Loren, W. (1998) Research Fellow in Cardiology, *Children's Hospital*, beginning February 1.

POLITICAL SCIENCE

GRADUATE DIRECTOR: PAUL TESKE
DEPARTMENT CHAIR: MARK SCHNEIDER

❖ Jointly Authored Publications/Research Reports/Reviews

- Terkildsen, Nayda, Schnell, Frauke, and **Ling, Cristina**. (1998) "Interest Groups, the Media, and Policy Debate Formation: An Analysis of Message Structure, Rhetoric, and Source Cues," *Political Communication*. 15:36-61.
- Scholz, John T. and **Lubell, Mark**. (in press) "Adaptive Political Attitudes: Duty, Trust and Fear as Monsters of Tax Policy," *American Journal of Political Science*.
- Scholz, John T. and **Lubell, Mark**. (1998) "Trust and Taxpaying: Testing the Heuristic Approach to Collective Action," *American Journal of Political Science* 42 (2): 349-715.
- Schneider, Mark, Teske, Paul, **Marschall, Melissa** and **Roch, Christine**. (1997) "Networks to Nowhere: Segregation and Stratification in Networks of Information about Schools," *American Journal of Political Science* 41:1201-1223.
- Schneider, Mark, Teske, Paul, **Marschall, Melissa**, Michael Mintrom, and **Roch, Christine**. (1997) "Institutional Arrangements and the Creation of Social Capital: The Effects of Public School Choice," *American Political Science Review* 91: 82-93.
- Schneider, Mark, Teske, Paul, **Marschall, Melissa**, and **Roch, Christine**. (1997) "School Choice," *Public Interest*. Fall.
- Schneider, Mark, **Marschall, Melissa**, Teske, Paul, and **Roch, Christine**. (1998) "School Choice and Culture Wars in the Classroom: What Different Parents Seek from Education," *Social Science Quarterly*.
- Schneider, Mark, Teske, Paul, **Marschall, Melissa**, and **Roch, Christine**. (1998) "Shopping for Schools: In the Land of the Blind, the One-Eyed Parent may be Enough." *American Journal of Political Science*.
- Roch, Christine**, Mark Schneider, and Paul Teske. (1997) "The Flow of Information in the Market for Public Goods: Networks as Efficient Shortcuts to Information about Schools," *The Annual Meeting of the American Political Science Association* in Washington, D. C.

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

- Broscheid, Andreas**. (1997) "There Will Always Be Another One. A Dynamic Model of Presidential Appointments and Senate Confirmation," *The 55th Annual Meeting of the Midwest Political Science Association*, Chicago, IL.
- Broscheid, Andreas** and **Marschall, Melissa**. (1997) "Examining the Influence of External Actors on Supreme Court Civil Rights Decisions, 1953-1992," *The 55th Annual Meeting of the Midwest Political Science Association*, Chicago, IL.
- Broscheid, Andreas**. (1997) "Determinants of Professional Regulation: the Case of Medical licensure," *The 1997 Annual Meeting of the American Political Science Association*, Washington, D. C.
- Ling, Cristina**. (1998) "Media Priming of Social Policies: A Comparison between the President and Interest Groups," *Midwest Political Science Association Meeting*, Chicago, IL.
- Ling, Cristina**. (1997) "Media Priming of Public Opinion About Abortion and Feminists," *Midwest Political Science Association Meeting*, Chicago, IL.

Meffert, Michael F. (1997) "The Supreme Court and Dynamic Representation: How External Influences Shape the Ideological Change of Supreme Court Decisions," *The Annual Meeting of the American Political Science Association*, Washington. D. C.

Guge, Michael, Milton Lodge and **Meffert, F. Michael.** (1997) "Good, Bad, Indifferent, and Ambivalent: The Importance of Considering the Multi-dimensional Components of Political Attitudes," Presentation at Conference on *No Opinion, Instability and Change in Public Opinion Research*, Amsterdam, October 6-8.

PSYCHOLOGY

GRADUATE DIRECTOR: HARRIET WATERS

DEPARTMENT CHAIR: JASPER BRENER

❖ Grants, Fellowships and Awards

Bortfeld, Heather. (1997) Postdoctoral Research Fellowship. *National Research Service Award, NICHD-NIH.*

Castonguay, Louis G. (1998) New Researcher Award. *American Psychological Association Award* (Division of Psychotherapy – Div 29).

Castonguay, Louis G. (1998) Junior Researcher Award. *Society for Psychotherapy Research.*

Drabick, Deborah. (1997) *American Psychological Association Award* (Division of Psychotherapy – Div 29) – Student Development Contest (Education Training Category), "Clinical training for the 21st century: Putting the bloom back on the rose."

Hamilton, Maryellen. (1997) Departmental Award for Excellence in Teaching, \$100. *State University of New York at Stony Brook, Stony Brook, NY.*

Harkavy, Lisa. (1998) Pre-doctoral Research Fellowship, Honorable Mention. *National Science Foundation, Oak Ridge, Tennessee.*

Hiscott-Schultz, Margaret. (1996-97) Recipient of a Head Start Research Scholars Award. \$15,000. *U. S. Administration for Children, Youth, and Families.*

Holmes, Jonathan. (1997) Departmental Award for Excellence in Research (advanced student), \$100. *State University of New York at Stony Brook, Stony Brook, NY.*

Lara, Maria Elena. (1997) Ford Foundation Dissertation Fellowship for Minorities. \$18,000. *The Ford Foundation.*

Lockridge, Colin. (1998) W. Burghardt Turner Fellowship, *State University of New York at Stony Brook, Stony Brook, NY.*

Mattys, Sven. (1997) Departmental Award for Excellence in Research (advanced student), \$100. *State University of New York at Stony Brook, Stony Brook, NY.*

McLaughlin-Volpe, Tracy. (received 1997) The 1996 Gordon Allport Intergroup Relations Prize of the *Society for the Psychological Study of Social Issues (SPSSI)*. Honorable mention for best paper or article of the year on intergroup relations for "The extended contact effect: Knowledge of cross-group friendships and prejudice."

McNeal, Jeremy. (1997) Certificate of Appreciation for involvement in mentoring and tutoring undergraduates, academic years 1995-97. *State University of New York at Stony Brook, Stony Brook, NY.*

Pierre-Louis, Joanne. (1998) W. Burghardt Turner Fellowship, *State University of New York at Stony Brook, Stony Brook, NY.*

Smyth, Joshua M. (1998) *American Psychosomatic Society* Scholarship Award, \$1000.

Smyth, Joshua M. (1997) *American Psychological Association* Dissertation Research Award, \$1000.

Smyth, Joshua M. (1997) *American Psychosomatic Society* Annual Meeting, Sante Fe, NM. Citation for best poster presentation.

Smyth, Joshua M. (1997) National Service Award, *Psi Chi National Honor Society in Psychology.*

Strambler, Michael. (1997) W. Burghardt Turner Fellowship, *State University of New York at Stony Brook, Stony Brook, NY.*

Steele, Jodie. (1997) Departmental Award for Excellence in Research (2nd yr.), \$100. *State University of New York at Stony Brook, Stony Brook, NY.*

Thompson, Shawn. (1998) Doctoral Student Panel Finalist. *American Association for Higher Education.*

- Thompson, Shawn.** (1997) Outstanding Student Scholarship. *National Association of Black Psychologists.*
- Wiens, Stefan.** (1997) Departmental Award for Excellence in Research (2nd yr.), \$100. *State University of New York at Stony Brook*, Stony Brook, NY.
- Woods, Cheryl.** (1998) W. Burghardt Turner Fellowship, *State University of New York at Stony Brook*, Stony Brook, NY.
- Yali, Ann Marie.** (1997) Departmental Award for Excellence in Teaching, \$100. *State University of New York at Stony Brook*, Stony Brook, NY.
- Yi, Richard.** (1998) Pre-doctoral Research Fellowship, Honorable Mention. *National Science Foundation*, Oak Ridge, Tennessee.

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

- Mattys, Sven.** (1997) The use of time during lexical processing and segmentation: A review. *Psychonomic Bulletin and Review*, 4, 310-329.
- McNeal, Jeremy.** (1997) The association of idealization and intimacy factors to condom use in gay male couples. *Journal of Clinical Psychology in Medical Settings*, 4(4), 437-451.
- Polichak, James W.** (in press) Memes (hunh) what are they good for?: A critique of memetic approaches to information processing. *Skeptic*.
- Smyth, Joshua.** (1998) Written emotional expression: Effect size, outcome types, and moderating variables. *Journal of Consulting and Clinical Psychology*, 66, 174-184.

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

- Avery-Leaf, Sarah**, Cascardi, M., O'Leary, K. D., & **Cano, AnnMarie.** (1997) Efficacy of a dating violence prevention program on attitudes justifying aggression. *Journal of Adolescent Health*, 21, 11-17.
- Bortfeld, Heather.** (in press) Book notice for Computer-mediated communication: Linguistic, social, and cross-cultural perspectives. *Language*.
- Bortfeld, Heather** and Brennan, S. (1997) Use and acquisition of idiomatic expressions in referring by native and non-native speakers. *Discourse Processes*, 23, 21-49.
- Silverstein, A., Cross, D., **Brown, Jay**, & Rachlin, H. (in press) Prior experience and patterning in a prisoner's dilemma game. *Behavioral Decision Making*.
- Rachlin, H., **Brown, Jay**, & Cross, D. (in press) Discounting judgments of delay and probability. *Organizational Behavior and Human Decision*.
- Brown, Pamela D.**, & O'Leary, K. D. (1997) Wife abuse in intact couples: A review of couples treatment programs. In G. Kaufman Kantor & J. L. Jasinski (Ed.), *Out of Darkness: Contemporary Perspectives on Family Violence* (pp. 194-207). Thousand Oaks, CA: Sage.
- Brown, Pamela D.**, O'Leary, K. D., & **Feldbau, Shari R.** (1997) Dropout in a treatment program for self-referring wife abusing men. *Journal of Family Violence*, 12, 365-387.
- Cano, AnnMarie**, **Avery-Leaf, Sarah**, Cascardi, M., & O'Leary, K. D. (1998) Dating violence in two high school samples: Discriminating variables. *Journal of Primary Prevention*, 18, #4, 431-446.
- Cano, AnnMarie**, & O'Leary, K. D. (1997) Romantic jealousy and affairs: Research and implications for couple therapy. *Journal of Sex and Marital Therapy*, 23, 249-275.
- Brener, J., & **Carnicom, Scott.** (in press) High resolution analysis of force learning in rats. *Cahiers de Psychologie Cognitive (Current Psychology of Cognition)*.
- Dias, Lynette**, & Lobel, M. (1997) Social comparison in medically high risk pregnant women. *Journal of Applied Social Psychology*, 27, 1629-1649.

- Drabick, Deborah**, & Goldfried, M. R. (in press) Clinical training for the 21st century: Putting the bloom back on the rose. *Division 29 Psychotherapy Bulletin*.
- Goldfried, M. R., Castonguay, L. G., Hayes, A. H., **Drozd, John F.**, & Shapiro, D. A. (1997) A comparative analysis of the therapeutic focus in cognitive-behavioral and psychodynamic-interpersonal sessions. *Journal of Consulting and Clinical Psychology*, *65*, 740-748.
- Eitel, Patricia**, & **Leake, Robin** (1998) Instructor's manual for Liebert & Spiegler's *Personality Strategies & Issues*, 8th ed. Pacific Grove, CA: Brooks/Cole.
- Exline, Julie J.**, & Lobel, M. (1997) Views of the self and affiliation strategies: A social comparison perspective. *Basic and Applied Social Psychology*, *19*, 243-259.
- Hatchett, Lena**, Friend, R. S., **Symister, Petra**, & Wadhwa, N. K. (1997) Interpersonal expectations and adjustment to chronic illness. *Journal of Personality and Social Psychology*, *73*, 560-573.
- Friend, R. S., **Hatchett, Lena**, Schneider, M. S., & Wadhwa, N. K. (in press) A comparison of attributions, health beliefs, and negative emotions as predictors of fluid adherence in renal dialysis patients: A prospective analysis. *Annals of Behavioral Medicine*.
- Friend, R. S., **Hatchett, Lena**, Wadhwa, N. K., & Suh, H. (1997) Serum albumin and depression in ESRD. *Advances in Peritoneal Dialysis*, *13*, 82-84.
- Holmes, Jonathan B.**, Waters, H. S., & Rajaram, S. (in press) The phenomenology of false memory: Episodic content and confidence. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.
- Ferro, T., Klein, D. N., Schwartz, J. E., **Kasch, Karen L.**, and **Leader, Julie B.** (in press) Thirty month stability of personality diagnoses in depressed outpatients. *American Journal of Psychiatry*.
- Knapp, Kelley**, Ring, C., Brener, J. (1997) Sensitivity to mechanical stimuli and the role of general sensory and perceptual processes in heartbeat detection. *Psychophysiology*, *34*, 467-473.
- Lara, Maria E.**, Ferro, T., & Klein, D. N. (1997) Family history assessment of personality disorders: II. Associations with measures of psychosocial functioning. *Journal of Personality Disorders*, *11*, 137-145.
- Lara, Maria E.**, **Leader, Julie B.**, & Klein, D. N. (1997) The association between social support and course of depression: Is it confounded with personality? *Journal of Abnormal Psychology*, *106*, 478-482.
- Klein, D. N., Norden, K. A., Ferro, T., **Leader, Julie B.**, **Kasch, Karen L.**, Klein, L. M., Schwartz, J. E., & Aronson, T. A. (in press) Two and a half-year naturalistic follow-up study of early-onset dysthymic disorder: Course, diagnostic stability, an prediction of outcome. *Journal of Abnormal Psychology*.
- Leake, Robin E.**, & Friend, R. S. (1998) Chronic Illness. In Friedman, H. (Ed.) *Encyclopedia of Mental Health*, Academic Press.
- Leake, Robin E.**, Friend, R. S., & Wadhwa, N. (in press) Improving adjustment to chronic illness through strategic self-presentation: An experimental study on a renal dialysis unit. *Health Psychology*.
- Mao, Jianbin**, and Robinson, J. K. (in press) Muscimol disrupts task efficiency, without impairing memory, when infused into the dorsal but not the ventral hippocampus in rats. *Brain Research*.
- Robinson, J. K., & **Mao, Jianbin**. (1997) Differential effects on delayed nonmatching-to-position in rats of microinjections of muscarinic receptor antagonist scopolamine or NMDA receptor antagonist MK-801 into the dorsal or the ventral extent of the hippocampus. *Brain Research*, *765*, 51-60.
- Wright, S. C., Aron, A., **McLaughlin-Volpe, Tracy**, & Ropp, S. A. (1997) The extended contact effect: Knowledge of cross-group friendships and prejudice. *Journal of Personality and Social Psychology*, *73*, 73-90.
- Meyer, Shannon Lee**, Vivian, D., & O'Leary, K. D. (in press) Men's sexual aggression in marriage: Couples reports. *Violence and Victims*.
- Nania, Olivia C.**, & Whitehurst, G. J. (1997) Inattention-hyperactivity and reading in kindergartners and second graders from low-income families. *Journal of Abnormal Child Psychology*, *25*, 321-331.
- Polichak, James W.**, & Gerrig, R. J. (in press) Common ground and everyday language use: Comments on Horton and Keysar, *Cognition*.

- Kelsey, R. M., **Reiff, Sarah., Wiens, Stefan, Schneider, Tamara R., Mezzacappa, E. S., & Guethlein, W.** (in press) The ensemble averaged impedance cardiogram: An evaluation of scoring methods and interrater reliability. *Psychophysiology*.
- Waters, H. S., **Rodrigues, Lisa M.** & Ridgeway, D. (in press) Cognitive underpinnings of narrative attachment assessment. *Journal of Experimental Child Psychology*.
- Schneider, Tamara R.,** Ring, C. & Katkin, E. S. (1998) A test of the validity of the method of constant stimuli as an index of heart beat detection. *Psychophysiology*, 35, 86-89.
- Heyman, R. E., & **Schlee, Karin A.** (in press) Stopping wife abuse via Physical Aggression Couples Treatment. In D. Dutton (Ed.) *Treatment of Assaultiveness*. New York: Guilford.
- Langhinrichsen-Rohling, J., **Schlee, Karin A.,** Monson, C. M., Ehrensaft, M. K., & Heyman, R. E. (in press) Perceptions of marital positivity as a function of husband-to-wife physical aggression and marital distress. *Journal of Family Violence*.
- Schlee, Karin A.,** Heyman, R. E. & O'Leary, K. D. (1998) Group treatment for spouse abuse: Are women with PTSD appropriate participants? *Journal of Family Violence*. 13(1), 1-20.
- Heyman, R. E., & **Schlee, Karin A.** (1997) Toward a better estimate of the prevalence of partner abuse: Adjusting rates based on the sensitivity of the Conflict Tactics Scale. *Journal of Family Violence*, 11, 332-338.
- Langhinrichsen-Rohling, J., Heyman, R. E., **Schlee, Karin A.,** & O'Leary, K. D. (1997) Before children: Pre-parenthood cognitions of distressed and husband-to-wife aggressive couples. *Journal of Family Violence*, 11, 176-187.
- Smyth, Joshua,** Ockenfels, M., Porter, L., Kirschbaum, C., Hellhammer, D., & Stone, A. (in press) The association between daily stressors, mood and salivary cortisol secretion. *Psychoneuroendocrinology*.
- Smyth, Joshua,** & Pennebaker, J. (in press) Telling one's story: Translating emotional experiences into words as a coping tool. In C. R. Snyder (Ed.), *Coping: The psychology of what works*.
- Smyth, Joshua M.,** Soefer, M. H., Hurewitz, A., & Stone, A. (in press) The effect of tape recorded relaxation training on well-being, symptoms, and peak expiratory flow rate in adult asthmatics. *Psychology and Health*.
- Smyth, Joshua,** & Pennebaker, J. (in press) The health effects of disclosure. In A. Baum, T. Revenson, & J. Singer (Eds.) *The Handbook of Health Psychology*.
- Wortman, P., **Smyth, Joshua,** Langenbrunner, J, & Yeaton, W. (1998) The utility of clinical consensus panels and research synthesis: A comparison of results assessing carotid endarterectomy. *International Journal of Technology Assessment in Health Care*, 14, 109-122.
- Smyth, Joshua,** Ockenfels, M., **Gorin, Amy, Catley, Delwyn,** 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.
- Wortman, C. & **Smyth, Joshua.** (1997) Using one's own passion and undergraduate teaching assistants to transform the large lecture-only introductory psychology course. In R. Sternberg's (Ed.), *Teaching Introductory Psychology: Survival Tips From the Experts* (pp. 163-180). American Psychological Association: Washington, DC.
- Ritz, T., **Wiens, Stefan,** & Dahme, B. (in press) Stability of total respiratory resistance during isometric muscle tension and voluntary deep breathing. *Biological Psychology*.
- Wiens, Stefan,** Emmerich, D. S. and Katkin, E. S. (1997) Response bias affects perceptual asymmetry scores and performance measures on a dichotic listening task. *Neurophysiologia*, 35, 1475-1482.
- Yali, Ann Marie** & Lobel, M. (in press) Coping and distress in pregnancy: An investigation of medically high risk women. *Journal of Psychosomatic Obstetrics and Gynecology*.

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

- Treboux, D., **Abbot, Gina L., Chase, Kenneth A., Leisring, Penny A.**, Crowell, J., & Potenza, K. (1997) How do I love thee? Similarities and differences in romantic relationships of normative and at-risk adolescents. Paper presented at a Symposium "Dating violence: Predictors and consequences in normative and at-risk populations." *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Bashe, Allison G.**, & Goldfried, M. R., & Hardy, G. E. (April 1997) Development of an integrated system for coding person-oriented and achievement-oriented themes in therapy transcripts of a depressed clinical population. Presentation delivered at the *Society for the Exploration of Psychotherapy Integration*, Toronto.
- Bortfeld, Heather.** (1997) Second language acquisition and idioms. *Departments of English and Applied Linguistics*. University of New Hampshire, Durham, NH.
- Heyman, R. E., **Brown, Pamela D., Felbau, Shari R.**, & O'Leary, K. D. (1997) Response in wife abuse treatment programs. Paper presented at a Symposium "Marital interaction analyses in the 90's: New methods for exploring uncharted territory," *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Brener, J., Slifkin, A. B., Mitchell, S. H., & **Carnicom, Scott.** (1997) Feedback and feedforward processes during operant conditioning of response force. Poster. *The 38th Annual Meeting of the Psychonomic Society*. Philadelphia, PA.
- Brener, J., **Carnicom, Scott**, Liu, X., Anderson, B., Robinson, J., Mitchell, S. H., & Strecker, R. (1997) Feedforward and feedback control of target response forces in rats: Roles of basal ganglia and cerebellum. Poster. *The Annual Meeting of the Society for Neuroscience*. New Orleans, LA.
- Casillas, Katherine L.**, & O'Leary, S. G. (1997) Predicting overreactive parenting. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Putnam, K. M., **Catley, Delwyn**, & Neale, J. M. (1997) The daily experience of anhedonia. Poster. *The 12th Annual Meeting of Society for Research in Psychopathology*. Palm Springs, California.
- Chase, Kenneth A.** and Treboux, D. (1997) High-risk adolescents close interpersonal relationships and psychological adjustment. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Chiaramonte, Gabrielle.** (1997) Do medical schools reinforce gender biases in diagnosing coronary heart disease (CHD)? Poster. *The 18th Annual Meeting of the Society of Behavioral Medicine*. San Francisco, CA.
- Culp, Danielle.**, Srinivas, K., & Rajaram, S. (1998) Event-based conceptual implicit memory: Isolating the necessary conditions for new learning. *The 69th Annual Meeting of the Eastern Psychological Association*. Boston, MA.
- DeLuca, Robyn S.**, & Lobel, M. (1997) Post-cesarean adjustment: The role of diminished control and violated expectations. Poster. *The 105th Annual Meeting of the American Psychological Association*. Chicago, IL.
- Saracco, J., Weisbrot, D. M., **Dhoon, Aliasgar**, Kanner, A. M., & Etinger, A. B. (1997) Positive psychotropic effects of lamotrigine in epilepsy patients with mental retardation. Poster. *The Annual Meeting of the American Epilepsy Society*. Boston, MA.
- Schrank, K. M., Singaporewala, M. F., **Dhoon, Aliasgar M.**, & Squires, N. (1997) Neural bases of visual perceptual learning in humans. Poster. *The 37th Annual Meeting of the Society for Psychophysiological Research*. North Falmouth, MA.
- Lobel, M., **Dias, Lynette**, & Clark, L. (1997) Social comparison under threat: Coping with high-risk pregnancy. *The Meeting of the Society for Experimental Social Psychology*. Toronto, Canada.
- Elek-Fisk, Elvira.** (1997) Ethnocentrism versus multiculturalism: The relationship between ethnic identification and prejudice. Poster. *The 105th Annual Meeting of the American Psychological Association*. Chicago, IL.
- Exline, Julie J., Yali, Ann Marie**, & Lobel, M. (1998) Self-serving perceptions in victim and perpetrator accounts of transgression. Poster. *The Annual Meeting of the Midwestern Psychological Association*. Chicago, IL.

- Exline, Julie J.**, & Lobel, M. (1997) Outperforming someone you know: Predictors of personal and relationship strain. Poster. *The Annual Meeting of the American Psychological Society*. Washington, DC.
- Felbau, Shari R.**, Heyman, R. E., & O'Leary, K. D. (1997) Clinical depression and depressive symptomatology as predictors of husband to wife aggression. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Flores, KelliAnn S.**, & Lobel, M. (1998) Changes in emotional distress during pregnancy among women at varying levels of medical risk. Poster. *The 69th Annual Meeting of the Eastern Psychological Association*. Boston, MA.
- Gorin, Amy**, Wiesberg, J., **Smyth, Joshua**, Affleck, G., & Stone, A. (1997) A daily diary approach to the study of rheumatoid arthritis, pain, and weather. Poster. *The Annual Meeting of the American Pain Society*.
- Hamilton, Maryellen**, & Rajaram S. (1997) There is no concreteness effect on conceptual implicit memory. Poster. *The 38th Annual Meeting of the Psychonomic Society*, Philadelphia, PA.
- Han, Chih-Ju**, Anderson, B. J., & Robinson, J. K. (1997) Delta-9-tetrahydrocannabinol (THC) does not disrupt radial arm maze performance in rats. Poster. *The Annual Meeting of the Society for Neuroscience*. New Orleans, LA.
- Hatchett, Lena**, Friend, R. S., Wadhwa, N. K., & **McNeal, Jeremy**. (1998) Interpersonal discord in chronic illness: Testing the role of family demands and patient self-concept. Poster. *The 19th Annual Meeting of the Society of Behavioral Medicine*. New Orleans, LA.
- Kasch, Karen L.**, & Klein, D. N. (1997) A family study of avoidant personality. Poster. *The 12th Annual Meeting of Society for Research in Psychopathology*. Palm Springs, California.
- Lara, Maria Elena, Kasch, Karen L.**, De Siano, M., & Klein, D. N. (1997) Psychosocial predictors of persistent depression. Poster. *The 12th Annual Meeting of Society for Research in Psychopathology*. Palm Springs, California.
- Leader, Julie B.** and Klein, D. N. (1997) Do interpersonal relationships influence the thirty-month course of dysthymia? Poster. *The 105th Annual Meeting of the American Psychological Association*. Chicago, IL.
- Leake, Robin E.**, Friend, R. S., & Wadhwa, N. K. (1998) Short-term changes in quality of life in chronically-ill patients: A prospective study. Poster. *The 19th Annual Meeting of the Society of Behavioral Medicine*. New Orleans, LA.
- Leisring, Penny A.**, Treboux, D., & **Abbot, Gina L.** (1997) Dating status, dating violence, and psychological adjustment in a sample of adolescent mothers. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Mailloux, Jennifer**, Dubinski, R., & Brener, J. (1997) Assessments of beliefs about heart rate and the relationship between heart rate beliefs and heartbeat counting. Poster. *The 37th Annual Meeting of the Society for Psychophysiological Research*. North Falmouth, MA.
- Mao, Jianbin**, & Robinson, J. K. (1997) The effects on operant delayed nonmatching-to-position (DNMTP) of muscarinic receptor antagonist scopolamine microinjected into the medial septum. Poster. *The Annual Meeting of the Society for Neuroscience*. New Orleans, LA.
- McNeal, Jeremy P.**, Friend, R. S., Wadhwa, N. K., **Hatchett, Lena**, & Burns, G. (1998) Perceived family expectations, group identity-related coping strategies, and depression in chronically-ill patients. Poster. *The 19th Annual Meeting of the Society of Behavioral Medicine*. New Orleans, LA.
- McNeal, Jeremy P.** (1997) Relationship satisfaction and perceived aids risk with the gay male relationship. Poster. *The 18th Annual Meeting of the Society of Behavioral Medicine*. San Francisco, CA.
- Moerk, Kirstin C.**, & Klein, D. N. (1997) The influence of life events on course for outpatients with dysthymia and episodic major depression. Poster. *The 12th Annual Meeting of Society for Research in Psychopathology*. Palm Springs, California.
- Rapp, David N.**, & Gerrig, R. J. (1998) Eponymous verb phrases and ambiguity resolution. *The 69th Annual Meeting of the Eastern Psychological Association*. Boston, MA.
- Reid, Jamila M.**, **Walter, Abbe**, & O'Leary, S. G. (1997) Treatment of young children's sleep problems: A comparison of gradual and standard ignoring procedures. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Schlee, Karin A.**, Heyman, R. E., & O'Leary, K. D. (1997) Wife abuse: Disentangling the effects of psychological and

- physical aggression. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Kelsey, R. M., **Schneider, Tamara R.** and **Wiens, Stefan.** (1997) Effects of prior exposure and evaluative observation on cardiovascular adaptation to stress. Poster. *The 37th Annual Meeting of the Society for Psychophysiological Research*. North Falmouth, MA.
- Mattson, M. E., Neville, A. E., Patino, C. M., **Silverberg, Stuart,** & Wilson, J. L. (1998) Voluntary control of speech errors. *The 69th Annual Meeting of the Eastern Psychological Association*. Boston, MA.
- Sims, Rebecca,** Palchak, B., & Neale, J. M. (1997) Effect of cognitive processing on affective flattening in schizophrenia. Poster. *The 12th Annual Meeting of Society for Research in Psychopathology*. Palm Springs, California.
- Smyth, Joshua,** Stone, A., & Kirschbaum, C. (1998) Moving the laboratory into the field: Methodological issues in the measurement of salivary cortisol in the natural environment. *The Annual Meeting of the American Psychosomatic Society*. Clearwater Beach, FL.
- Smyth, Joshua,** Shertzer, E., Hurewitz, A., Kaell, A., & Stone, A. (1998) Written disclosure about stressful life events produces health benefits in adult asthmatics and rheumatoid arthritis: Preliminary results from an ongoing study. *The Annual Meeting of the American Psychosomatic Society*. Clearwater Beach, FL.
- Stone, A., **Smyth, Joshua,** & Kirschbaum, C. (1997) The use of salivary assessments to measure cortisol in the natural environment. Invited paper presentation. *Hypercortisolism Symposium*, Trier, Germany
- Waters, E., **Steele, Jodie,** Treboux, D., & Crowell, J. (1997) Attachment self-reports: Relations to infancy, interviews, and attachment theory. Paper presented at a Symposium "Measurement of adult attachment - Recent developments, issues, and methodological advances" at the *105th Annual Meeting of the American Psychological Association*. Chicago, IL.
- Symister, Petra,** Friend, R. S., & Wadhwa, N. K. (1998) Depression and albumin as predictors of mortality in renal dialysis patients. Poster. *The 19th Annual Meeting of the Society of Behavioral Medicine*. New Orleans, LA.
- Kotsaftis, A., Neale, J., **Theofilaktidis, Themistocles.**, Lindenmayer, JP. (1998) Emotion mediated startle response in schizophrenia. *The 151st Annual Meeting of the American Psychiatric Association*. Toronto, Canada.
- Kotsaftis, T., Neale, J., & **Theofilaktidis, Themistocles.** (1997) Emotion perception in schizotypal personality disorder. *The 10th Annual Research Conference of the New York State Office of Mental Health*. Albany, NY.
- Fanous, A., Lindenmayer, J. P., Kotsaftis, A., Czobor, P., **Theofilaktidis, Themistocles.** (1997) The syndromal profile of schizophrenia subtypes. *The 36th Annual Meeting of the American College of Neuropsychopharmacology*. Hawaii.
- Thompson, Shawn.** (1998) Institutionalizing a Health Ethic through Pedagogy: Strategies for Change in African American Communities. Invited paper presented at the *American Association of Higher Education's National Conference on Higher Education*, Atlanta, Georgia.
- Triesch, Susanne K.,** & Neale, J. M. (1997) Effect of social context on facial expressiveness in schizophrenia. Poster. *The 12th Annual Meeting of Society for Research in Psychopathology*. Palm Springs, California.
- Walter, Abbe, Reid, Jamila M.,** & O'Leary, S. G. (1997) Side effects of treating childhood sleep difficulties. Poster. *The 31st Annual Meeting of the Association for Advancement of Behavior Therapy*. Miami Beach, Florida.
- Wiens, Stefan,** Romanenko, M., **Reiff, Sarah,** & Kelsey, R. M. (1997) Concurrent validity of two continuous blood pressure monitors and relationship of heart period variability to blood pressure reactivity. Poster. *The 37th Annual Meeting of the Society for Psychophysiological Research*. North Falmouth, MA.
- Lobel, M., **Yali, Ann Marie,** & Zhu, W. (1998) Emotional reactions to the stress of high-risk pregnancy: The role of optimism and coping. *The Meeting of the Society for Behavioral Medicine*. New Orleans, LA.
- Yali, Ann Marie,** & Lobel, M. (1998) Effects of psychosocial resources on avoidant coping and distress in high-risk pregnancy. Poster. *The Meeting of the American Psychosomatic Society*. Clearwater Beach, FL.

❖ **Post Doctorates Obtained and Professional Appointments**

- Bortfeld, Heather.** (1997) Post-doctoral Research Fellow – NRSA. Metcalf Research Laboratories, Department of Cognitive and Linguistic Sciences, *Brown University*, Providence, RI.
- Brown, Pamela.** (1998) Assistant Professor. Department of Psychology. *Widner University*, Philadelphia, PA.
- Crone, Deanne A.** (1997) Visiting Assistant Professor. Department of Applied Behavioral & Communication Sciences, College of Education, *University of Oregon*, Eugene, Oregon.
- Dresbach, Sharon Michele.** (1997) Clinical Psychologist. *Johnston Pain Management*, Jacksonville, NC.
- Hatchett, Lena.** (1997) Assistant Professor. Department of Psychology, *University of Maryland-Baltimore County*, Baltimore, MD.
- Holmes, Jonathan B.** (1998) Assistant Professor. Department of Psychology, *Allegheny College*, PA.
- Juola-Exline, Julie.** (1997) Visiting Researcher. Department of Psychology, *Case Western Reserve University*, Cleveland, Ohio.
- Lin, Zhenqiu.** (1997) Research Analyst. Center for Outcomes Research and Evaluation, *Yale-New Haven Hospital*, New Haven, CT.
- Mattys, Sven.** (1997) Post-doctoral Fellow. *Johns Hopkins University*, Baltimore, MD.
- Olmstead, Maureen.** (1997) Post-doctoral Fellow. Stony Brook Relationships Project, Department of Psychology, *State University of New York at Stony Brook*, Stony Brook, NY.
- Pan, Helen Shun-I.** (1997) Assistant Professor. Department of Psychology, *Grand Valley State University*, Allendale, MI.
- Reid, Melissa Jamila.** (1997) Research Coordinator. Parenting Clinic, School of Nursing, *University of Washington*, Seattle, WA.
- Reiff, Sarah.** (1997) Post-doctoral Fellow. Department of Medicine, Division of Preventive and Behavioral Medicine, *University of Massachusetts Medical Center*, Worcester, MA.
- Schneider, Tamera R.** (1997) Post-doctoral Associate. Department of Psychology, *Yale University*, New Haven, CT.
- Wurm, Lee.** (1998) Assistant Professor. Department of Psychology, *Wayne State University*, Detroit, Michigan.

❖ Internship Appointments

- Anderson-Ryan, Kaarin.** (1998-1999) Clinical psychology intern. Developmental Disabilities Institute, Smithtown, NY.
- Catley, Delwyn.** (1998-1999) Clinical psychology intern. *Burrell Behavioral Health*, Springfield, MO.
- Chase, Kenneth.** (1998-1999) Clinical psychology intern. *Boston Consortium VA Medical Center*, Boston, MA.
- Leisring, Penny.** (1998-1999) Clinical psychology intern. *Worcester State Hospital*, Worcester, MA.
- Samoilov, Anna.** (1998-1999) Clinical psychology intern. *McLean Hospital*, Belmont, MA.
- Schultz, Margaret.** (1998-1999) Clinical psychology intern. Clinical Education Bldg. *Medical University of South Carolina*, Columbia, SC.
- Velting, Olivia.** (1998-1999) Clinical psychology intern. *Wright State University*, Dayton, OH.

SOCIOLOGY

GRADUATE DIRECTOR: IVAN CHASE
DEPARTMENT CHAIR: DIANE BARTHEL

❖ Grants, Fellowships and Awards

- Barron, Martin.** (1997) Summer research grant, \$2,400. *Office for Institutional Research*, State University of New York at Stony Brook, Stony Brook, NY.
- Cullen, Pauline.** (1997) Council for European Studies Pre-Dissertation Scholarship, \$3,000. *Council for European Studies*, Columbia University, New York, NY.
- Moynihan, Patrick J.** (1997-1998) National Institute of Mental Health Dissertation Grant, \$23,115. *National Institute of Mental Health*, Rockville, MD.
- Pugliani, Patricia.** (1997-1998) Social Science Research Council Sexuality Fellowship, \$7,000. *Social Science Research Council*, New York, NY.
- Sievers, Sylvia J.** (1997) Scholarship for the Inter-university Consortium for Political and Social Research (ICPSR) Quantitative Analysis of Crime and Criminal Justice Workshop, \$2500. *U. S. Department of Justice and the Bureau of Justice Statistics (BJS)*, Ann Arbor, MI.
- Sievers, Sylvia J.** (1997) Inter-university Consortium for Political and Social Research (ICPSR) Scholarship, \$320. *Inter-university Consortium for Political and Social Research*, Ann Arbor, MI.
- Trillo, Alexander.** (1998) Doctoral Dissertation Improvement Grant, \$4,000. *National Science Foundation*, Washington, D. C.
- Trillo, Alexander.** (1997-1998) Dissertation Fellowship, \$21,000. *New England Board of Higher Education*, Boston, MA.

❖ Singly Authored Publications/Research Reports/Reviews

- Childress, Caroline.** (1997) Dynamics of Employability. Research Report to the *School of Professional Development*. State University of New York at Stony Brook, Stony Brook, NY.
- Diamond, Diane.** (in press) Manufactured Memories? (Review of *Betrayal Trauma: The Logic of Forgetting Childhood Abuse* by Jennifer J. Freyd.) *Gender and Society*. Ed. B. E. Schneider. Thousand Oaks, California: Sage Periodicals Press.
- Handler, Lisa.** (1997) Review of *Here to Complete Dr. King's Dream: The Triumphs and Failures of a Community College* by Lillian Cohen Kovar. *Contemporary Sociology*, 26:737-738.
- Handler, Lisa.** (in press) Sororities. *Encyclopedia of Homosexuality*, 2nd edition. *Volume I: Lesbian Histories and Cultures*. Ed. B. Zimmerman. New York: Garland Publishing.
- Kaufman, Peter.** (1997) Michael Jordan Meets C. Wright Mills: Illustrating the Sociological Imagination with Objects from Everyday Life. *Teaching Sociology*, Vol (25):309-314.
- Linders, Annulla.** (1998) Review of *Abortion at Work* by Wendy Simonds. *Contemporary Sociology*, 27(1):102-103.

❖ Jointly Authored Publications/Research Reports/Reviews

- Smith, Jackie, **Bolyard, Melissa**, and **Ippolito, Anna A.** (In press) Human Rights and the Global Economy: A Response to Meyer. *Human Rights Quarterly*.

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

- Aguilera, Michael.** (1998) Job Tenure and Hours Worked of Legalized Immigrants: A Human and Social Capital Comparison. *The National Social Science Association*. San Diego, California.
- Aguilera, Michael.** (1998) Labor Market Outcomes among Legalized Immigrants in the United States: Human Capital and Social Capital Determinants of Success. *The Pacific Sociological Association*. San Francisco, CA.
- Barron, Martin.** (1998) Gender differences in Higher Education Satisfaction. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Barron, Martin.** (1997) Violence and Rape Myths in Three Pornographic Media. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Barron, Martin.** (1997) Violence and Rape Myths in Three Pornographic Media. *Society for the Study of Social Problems*. Toronto, Canada.
- Bolyard, Melissa.** (1997) Cultural Determinants of Women's Success in Popular Music, 1965-1989. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Carson, Patricia E.** (1998) Mediating Gender Ideologies: Exploring the Work of the Sexual Assault Nurse Examiner Program. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Carson, Patricia E. and Kaufman, Peter.** (1998) The Lessons We've Learned—Together: Team-Teaching the Undergraduate Sociology Course. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Childress, Carolyn.** (1997) Identity Negotiation Strategies Used by Downwardly Mobile Professionals. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Cullen, Pauline.** (1998) The Implications of the Rhetorical and Legal Dimension of Citizens Europe for Non-governmental activity in the European Union. *68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Dennis, Jeffery.** (1998) Constructing the Drag Queen: From Folk Devil to Fairy Godmother. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Diamond, Diane** (1998) Recovered Memory as a Narrative of the Self. *The 68th Annual Meeting of the Eastern Sociological Association*. Philadelphia, PA.
- Diamond, Diane, Kimmel, M., and Schroeder, Kirby.** (1997) Determinants of Success for Women at Military Educational Institutions. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Ely, Jane Alice.** (1997) Enrollment Differentials of African American Students: Location and Available Pool vs. Campus Environment. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Gao, Chao.** (1998) Western and Chinese Identity and Core Self: The Clashing and the Choices of Chinese-American Students. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Handler, Lisa.** (1997) Cross-Gender Friendships: Strategies for Romance, Strategies for Gender. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Heller, Jacob.** (1997) AIDS Vaccine Trials: Medical Imperialism Redux. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Heller, Jacob.** (1998) Resistance to State Authority: Pertussis Vaccine and Public Health in New York State. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Ippolito, Anna A.** (1998) Civil Society and Prospects for Democracy in Eastern Europe. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Kaufman, Peter.** (1998) From Ascription to Achievement: The Role of Identity Formation in Cultural Reproduction and Cultural Transformation. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

- Linders, Annulla.** (1998) Capital Punishment and the State: The Death Penalty in Sweden, Britain, and the United States. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Linders, Annulla.** (1997) Democracy and Capital Punishment: A Problem and a Paradox (Part I). *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Moynihan, Patrick J.** (1997) Form-Resistant Correlations and HIV/AIDS-related Knowledge. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Moynihan, Patrick J., Pugliani, P.** and Gagnon, J. H. (1998) Health Knowledge Constraint: AIDS and TB Knowledge. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Moynihan, Patrick J., Pugliani, Patricia, Horbatuk, Elisa L.,** and Hilaire, C. (1997) Knowledge and Anxiety about Chronic Medical Conditions and Field Approaches to Studying Stress. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Phillip-Evans, Vera.** (1997) Increasing Opportunities for Underrepresented Students in Academia. *Underrepresented Graduate Scholars Career Day*. State University of New York at Stony Brook, Stony Brook, NY.
- Pugliani, Patricia, Moynihan, P. J.** and Gagnon, J. H. (1998) Ways of Knowing People with AIDS: Relationships Between PWAs and Those in Their Social Network. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Pugliani, Patricia, Moynihan, P. J.** and Gagnon, J. H. (1997) Social Networks of People With AIDS. *The 13th World Congress of Sexology -- Sexuality and Human Rights*. Valencia, Spain.
- Rawlins, Roblyn.** (1998) Reflections on an Applied Research Experience: A Confessional Tale. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.
- Rawlins, Roblyn.** (1997) The Performance of Value: The Body, Consumption, and Status. *The 92nd Annual Meeting of the American Sociological Association*. Toronto, Ontario, Canada.
- Wilson-Corzen, Vondora.** (1998) The International Lesbian and Gay Association's Struggle for Consultative Status with the United Nations. *The 68th Annual Meeting of the Eastern Sociological Society*. Philadelphia, PA.

❖ **Post Doctorates Obtained and Professional Appointments**

- Andrews, Kenneth.** (1997-1998) Assistant Professor. Department of Sociology, *Harvard University*, Cambridge, MA.
- Diamond, Diane.** (1997-1998) Managing Editor. *Men and Masculinities*. A journal of the interdisciplinary studies on gender, Department of Sociology, *SUNY at Stony Brook*, Stony Brook, NY.
- Scott, Megan.** (1997-1998) Post-doctoral Fellow. Institute for Health, Health Care Policy, and Aging, *Rutgers University*, New Brunswick, NJ.

THEATRE ARTS/DRAMATURGY

GRADUATE DIRECTOR: JOHN LUTTERBIE

DEPARTMENT CHAIR: JOHN LUTTERBIE

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

Lamb, Adrienne. (1998) Dance Dramaturgy: A Conversation. Discussion Panel, *Association for Theatre in Higher Education Conference*, San Antonio, TX.

Lamb, Adrienne. (1998) "Re-Membering *The Bacchae*: a rend(er)ing of the body, of the text," *Association for Theatre in Higher Education Conference*, San Antonio, TX.

Lamb, Adrienne. (1997) "Spare Change: A Dance Theatre Laboratory," Adjudicated Debut Panel for Dramaturgs, *Association for Theatre in Higher Education Conference*, Chicago, IL.

Lamb, Adrienne. (1997) *Bind Them Continually* (original play), New Play Development Workshop and Showcase, *Association for Theatre in Higher Education Conference*, Chicago, IL.

❖ Performances

Tvedt, Ryan. (1998) Director. "The Skeleton Fast Food Dream Bird Prom," *Staller Center*, State University of New York at Stony Brook.

Tvedt, Ryan. (1997) Dramaturg. "Godspell," *Staller Center*, State University of New York at Stony Brook.

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