

A TRIBUTE IN LOVING MEMORY



This volume of Graduate Student Achievements is dedicated to Kevin C. King and John A. Miller, two members of the Stony Brook community whose lives were lost in a tragic automobile accident on May 19, 2000. Kevin and John were good friends and housemates. Both were students in the Molecular and Cellular Biology Graduate Program. Kevin came to Stony Brook from Lafayette College in 1997 and was pursuing his doctoral research in the laboratory of Dr. J. Peter Gergen in the Department of Biochemistry and Cell Biology. John became a member of the Stony Brook community a year later after completing undergraduate studies at Valparaiso University, and had joined the neighboring laboratory of Dr. Gerald Thomson, also in the Department of Biochemistry and Cell Biology.

Kevin and John were both attracted to Stony Brook by the strong sense of community spirit and during their short time here, both students became integral members of a social fabric that extended well beyond their colleagues in the Life Sciences Building. They are warmly remembered for their unique approaches to life and science at Stony Brook. Kevin was an activist, a member of the Graduate Student Organization senate, and an extremely competitive athlete who would slide into first base if it meant victory for his intramural softball team. John approached life more serenely with a kind and quiet confidence. He was a caring friend to many and a striking red-cheeked presence when out in his roller blades on the campus bicycle paths. Both Kevin and John were well on their way into becoming independent and productive scientific scholars. During his one year of thesis research, John had already made significant steps forward on a new and promising project that sets the stage for future advances. Kevin, with an additional year of research under his belt, had presented the results of his blossoming thesis project at two scientific meetings within the last six months.

Both John and Kevin leave a fond and lasting legacy among their many friends and colleagues. The memories of their interactive spirits provide a guiding beacon for all those who were blessed to know them.

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 1999-2000 academic year.

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

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

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



Lawrence B. Martin
Dean of the Graduate School

ACKNOWLEDGEMENTS

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

- **On the Cover**

Before Mother Knowing by Tonya Clay

Tonya Clay is a graduate student in the Master of Fine Arts program and the winner of the 2000 Dorothy L. Pieper Memorial Purchase Prize

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

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GRADUATE PROGRAMS

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

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

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

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

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

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

Applied Mathematics and Statistics
Biomedical Engineering
Computer Science
Electrical and Computer Engineering
Management and Policy
Materials Science and Engineering
Mechanical Engineering
Technology and Society

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

Coastal Oceanography
Marine Sciences

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

The 2000 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.

Greg Bole	<i>Ecology and Evolution</i>
Scott Carnicom	<i>Psychology</i>
Yiya Chen	<i>Linguistics</i>
Amy Gangloff	<i>History</i>
Raymond Mugno	<i>Applied Mathematics and Statistics</i>
Cary Snyder	<i>English</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.

Theo Cateforis	<i>Music</i>
James Genova	<i>History</i>
Lisa Rodrigues	<i>Psychology</i>
David Solecki	<i>Molecular and Cellular Pathology</i>
Henry White	<i>Material Sciences and Engineering</i>

❖ Dorothy L. Pieper Memorial Purchase Prize

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

Tonya Clay	<i>Art</i>
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❖ **The Madeline Fusco Fellowship**

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

Catherine Belling
Leila Porter

English
Anthropological Sciences

❖ **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.

Justin Brent
John Polk

English
Anthropological Sciences

ANATOMICAL SCIENCES

GRADUATE DIRECTOR: CATHERINE FORSTER

DEPARTMENT CHAIR: JACK STERN

❖ Grants, Fellowships, and Awards

Curry, Kristina A. (1999) Phylogeny of the Titanosauria, \$3,000. *The Jurassic Foundation*, Drumheller, Alberta, Canada.

O'Connor, Patrick. (2000) Graduate Council Commendation for Excellence in Teaching.

Samonds, Karen E. (2000) Research grants, \$2000. *The Geological Society of America*, Boulder, CO.

❖ Singly Authored Publications/Research Reports/Reviews

Curry, Kristina A. (1999) Ontogenetic histology of "Apatosaurus" (Dinosauria: Sauropoda): New insights on growth rates and longevity. *Journal of Vertebrate Paleontology* 19(4): 654-665.

Curry, Kristina A. (1999) Fossil vertebrates from the Late Cretaceous of Madagascar: New taxa and their biogeographic implications. *Conference on the Pranhita-Godavari Valley: Current Status and Future Directions*: p. 35. Indian Statistical Institute, Geological Studies Unit, Calcutta.

Metzger, Keith. (In press) Society of Vertebrate Paleontology's Fifty-Ninth Annual Meeting. *Evolutionary Anthropology*.

❖ Jointly Authored Publications/Research Reports/Reviews

Curry, Kristina A. and Forster, C.A. (1999) New evidence of titanosaurian sauropod dinosaurs in the Late Cretaceous of Madagascar. *Abstracts of VII International Symposium of Mesozoic Terrestrial Ecosystems*: 20.

Curry, Kristina A. and Forster, C.A. (1999) Titanosaurid Skull from Madagascar: Implications for Titanosaurid Phylogeny. *Journal of Vertebrate Paleontology* 19, Supplement: 40A-41A.

O'Connor, Patrick, and **Stevens, Nancy J.** (2000) Biotic and abiotic factors as predictors of species richness in Madagascar. *American Journal of Physical Anthropology*, Supplement 30: 241.

Godfrey, L.R., **Samonds, K.E.**, Jungers, W.L., and Sutherland, M.R. (in press) Teeth, Brains, and Primate Life Histories. *American Journal of Physical Anthropology*.

Godfrey, L.R., **Samonds, K.E.**, Jungers, W.L., and Sutherland, M.R. (in press) Dental development and primate life histories. *Primate Life Histories and Socioecology*. Kappeler, P., and Pereira, M., Eds. Plenum Press: New York.

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

Hill, Robert, and O'Leary, Maureen. (2000) New fossils from the early Eocene four mile area and improved relative dating of vertebrate localities. *Society for Vertebrate Paleontology, 59th Annual Meeting*. Denver, Colorado.

Godfrey, Laurie R., **Samonds, K.E.**, and Jungers, William L.. (2000) Dental development and the life histories of primates. *American Association of Physical Anthropology Meetings*. San Antonio, Texas.

Schwartz, G.T., **Samonds, K.E.**, Jungers, W.L., Godfrey, L.R. (1999) Dental microstructure and life history in subfossil lemurs. *Society of Vertebrate Paleontology, 59th Annual Meeting*. Denver, Colorado.

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: CURTIS MAREAN

❖ Grants, Fellowships, and Awards

- Cleghorn, Naomi.** (October 1999 - October 2000) Fulbright Student Fellowship, \$20,000. *The International Institute of Education*, New York, NY.
- Davis, Zachary.** (2000) Geological Society of America Research Grant, \$1000. *Geological Society of America*, Boulder, Colorado.
- Davis, Zachary.** (2000) Leakey Foundation, General Grant, \$4,650. *LSB. Leakey Foundation*, San Francisco, California.
- Davis, Zachary.** (2000) Graduate Council Commendation for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook*, Stony Brook, NY.
- Irwin, Mitchell.** (2000) Graduate School Fellowship, \$2500 (year 2 of 3). *Graduate School, SUNY at Stony Brook*, Stony Brook, NY.
- Irwin, Mitchell.** (2000) Research grant, \$2000. *Primate Conservation, Incorporated*, Charlestown, RI
- Irwin, Mitchell.** (2000) Research grant, \$4000. *Margot Marsh Biodiversity Foundation* (Conservation International), Washington, D.C.
- Polk, J.D.** (2000) Mildred and Herbert Weisinger Dissertation Fellowship, \$2500. *SUNY at Stony Brook*, Stony Brook, NY.
- Polk, J.D.** (2000) Sigma Xi Travel Award, \$100. *SUNY at Stony Brook Chapter of Sigma Xi*, Stony Brook, NY.
- Porter, Leila.** (1998-1999) William J. Fulbright Scholarship for study in Bolivia, \$11,000. *U.S. William J. Fulbright*, Washington, D.C.
- Porter, Leila.** (1999) Dissertation Improvement Grant, \$7,000. *U.S. National Science Foundation*, Washington, D.C.
- Porter, Leila.** (2000) Earnest A. Hooten Best Poster Award, \$200. *American Association of Physical Anthropologists*, Oneonta, NY, USA.
- Porter, Leila.** (2000) Madeline Fusco Scholarship, \$1,500. *Graduate School, SUNY at Stony Brook*, Stony Brook, NY.
- Porter, Leila.** (2000) Sigma Xi Travel Award, \$100. *SUNY at Stony Brook Chapter of Sigma Xi*, Stony Brook, NY.
- Stevens, Nancy J.** (1999) The effects of substrate size, orientation, and compliance upon prosimian arboreal quadrupedalism, \$700. *Sigma Xi Foundation*, Research Triangle Park, NC.
- Stevens, Nancy J.** (1999) The effects of substrate size, orientation, and compliance upon primate arboreal quadrupedalism, \$5188. *LSB Leakey Foundation*, Oakland, CA.

❖ Singly Authored Publications/Research Reports/Reviews

- Heesy, C.P.** (in press) Contentious fossils, primate politics and the archontan enigma: Recent advances in evolutionary anthropology. *Evolutionary Anthropology*.
- Heesy, C.P.** (in press) Can early hominid behavioral evolution be modeled on chimpanzee hunting ecology? *Evolutionary Anthropology*.

- Heesy, C.P.** (2000) Morphometric analysis of orbitotemporal angulation and the evolution of postorbital processes and bars in therian mammals. *American Journal of Physical Anthropology*, supplement 30: 175.
- Merwin, Daria.** (2000) Underwater Archaeology: Our Past Beneath the Waves. *Odyssey* 9: 6-10.
- Polk, J.D.** (2000) The kinematics of cursoriality: How patas monkeys differ from other primate quadrupeds. *American Journal of Physical Anthropology* Supplement, 30: 294.
- Porter, Leila.** (accepted) Callimico goeldii and Saguinus species: Dietary comparisons of sympatric callitrichine species in northern Bolivia. *International Journal of Primatology*.
- Porter, Leila.** (Submitted) The benefits of polyspecific associations for Callimico goeldii. *American Journal of Primatology*.

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

- Becker, M.L., **Cole, Jennifer M.**, Rasbury, E.T., Pedone, V.A., and Hanson, G.N. (1999) Uranium incorporation into lacustrine carbonate tufa; Miocene Barstow Basin, California. *Geological Society of America Abstracts with Programs* 31(7): A190.
- Rasbury, E.T., Hemming, S.R., Montanez, I.P., Pedone, V.A., **Cole, Jennifer M.**, Hanson, G.N., Becker, M.L., and Klas-Mendelson, M. (1999) Argon-argon and uranium-lead age constraints on the Medical Miocene Barstow Formation, Mojave, California. *Geological Society of America Abstracts with Programs* 31(7): A233
- Shea, J.J., **Davis, Z.J.**, and Brown, K.S. (in press) Experimental test of Middle Paleolithic spear points using a calibrated crossbow. *Journal of Archaeological Science*
- Heesy, C.P.**, and Ross, C.F. (2000) Activity inferences for omomyine and notharctine primates and the evolution of activity patterns in primate higher taxa. *Journal of Vertebrate Paleontology*, supplement.
- Stevens, N.J. and **Heesy, C.P.** (2000) Biogeographic origins of primate higher taxa. *Journal of Vertebrate Paleontology*, supplement.
- Irwin, M.T.**, Smith T.M., Wright P.C. (in press) Census of three eastern rainforest sites north of Ranomafana National Park: Preliminary results and implications for lemur conservation. *Lemur News* 5.
- Polk, J.D.**, Demes, B., Jungers, W.L., Heinrich, R.E., Biknevicius, A.R., and Runestad, J.A. (in press) A comparison of primate carnivoran and rodent limb bone cross sectional properties: Are primates really unique? *Journal of Human Evolution*.
- Strait, D.S., Richmond, B.G., and **Polk, J.D.** (2000) The locomotor anatomy of hominoid and hominid ancestors. *American Journal of Physical Anthropology* Supplement, 30: 294.
- Porter, Leila**, and Christen, Anita. (Accepted) Fungus and "Callimico goeldii:" New insights into "Callimico goeldii" behavior and ecology. Proceedings from the Centenary Congress of the Anthropological Institute and Museum in Zurich. *Evolutionary Anthropology*.
- Porter, Leila** and Nascimento, Edilio B. (2000) Large Mammal Survey. *Rapid Biological Inventories for Conservation Action: Northwestern Pando, Bolivia*. Alverson, W., Moskovitz, D.K., and Shopland, J.M., Eds. Chicago: Chicago Field Museum.
- Nascimento, Edilio B., and **Porter, Leila.** (1999) Birth of "Saguinus labiatus" twins observed in their natural habitat. *Neotropical Primates* 7(1): 27-28.
- Irwin, M.T., **Smith, T.M.**, and Wright, P.C. (in press) Census of three eastern rainforest sites north of Ranomafana National Park: preliminary results and implications for lemur conservation. *Lemur News*.

Smith, T.M., and Martin, L.B. (2000) Are-evaluation of enamel thickness and development in "Afropithecus turkanensis." *American Journal of Physical Anthropology* Supplement, 30: 285-286.

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

Cleghorn, Naomi. (2000) Zooarchaeological method in Paleolithic Research. *Archaeological Seminars in the Department of History (Elena Belaieva, organizer)*. State University of St. Petersburg, St. Petersburg, Russia.

Cole, Jennifer M. (1999) What Departments Can do. *National Association of Geoscience Teachers Workshop* on Preparing Graduate Students for Teaching. Denver, Colorado.

Davis, Zachary. (2000) Costs and benefits of Levallois flake production: an economic perspective on the variability in Middle Paleolithic stone tool assemblages. *65th Annual Meeting of the Society for American Archaeology*. Philadelphia, Pennsylvania.

Heesy, C.P., and Ross, C.F. (1999) Evaluating the function of postorbital bars in mammals using ocular kinematic and morphometric methods. Paper presented at the *Society for Integrative and Comparative Biology Division of Vertebrate Morphology Northeast Conference*. Brown University.

Irwin, M.T., Larson, S.G. (2000) Glenoid fossa depth and curvature as indicators of locomotor function in living hominoids and australianthropines. *69th Annual Meeting of the American Association of Physical Anthropologists*. San Antonio, TX.

Merwin, Daria. (2000) Environment and prehistoric Adaptations in Eastern Long Island, New York. *Northeastern Anthropological Association 40th Annual Meeting*. Jamaica, New York.

Polk, J.D. (2000) The kinematics of cursoriality: How patas monkeys differ from other primate quadrupeds. *Annual meeting of the American Association of Physical Anthropologists*. San Antonio, TX.

Strait, D.S., Richmond, B.G., and **Polk, J.D.** (2000) The locomotor anatomy of hominoid and hominid ancestors. *Annual meeting of the American Association of Physical Anthropologist*. San Antonio, TX.

Polk, J.D. (1999) A comparison of treadmill and overground locomotion in terrestrial primates. *Society for Integrative and Comparative Biology, Division of Vertebrate Morphology, Northeast Regional Meeting*. Brown University, Providence RI.

Porter, Leila and Christen, Anita. (1999) Field Surveys of Goeldi's monkeys in northern Bolivia. *The Centenary Congress of the Anthropological Institute and Museum in Zurich*. Zurich, Switzerland.

Porter, Leila. (2000) "Callimico goeldii and Saguinus:" Dietary differences among sympatric callitrichines in northern Bolivia. *American Society of Physical Anthropologists*. San Antonio, TX.

Porter, Leila. (2000) "Callimico goeldii:" the understory specialists of northern Bolivia. *American Society of Primatologists*. Boulder, CO.

Hanson, Amy M., and **Porter, Leila M.** (2000) Nutrient composition and distribution of fungal sporocarps consumed by Goeldi's monkeys in Northern Bolivia. *American Society of Primatologists*. Boulder, CO.

Smith, T.M., and Martin, L.B. (2000) Are-evaluation of enamel thickness and development in "Afropithecus turkanensis." Presented as a poster at the *69th annual meeting of the American Association of Physical Anthropologists*. San Antonio, Texas.

Stevens, Nancy J. (2000) The effects of substrate size and orientation upon quadrupedal walking in "Cheirogaleus." *American Association of Physical Anthropologists Meetings*. San Antonio, Texas.

O'Connor, P.M., and **Stevens, Nancy J.** (2000) Biotic and abiotic factors as predictors of primate species richness in Madagascar. *American Association of Physical Anthropologists Meetings*. San Antonio, Texas.

Stevens, Nancy J., and Heesy, C.P. (2000) Biogeography of higher primate taxa. *Society of Vertebrate Paleontologists Meetings*. Mexico City, Mexico.

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

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

❖ **Other**

Clark-Schmidt, Kate. (1999) A four month pilot study of the Reproductive Ecology of Long-tailed Macaques. *Gunung Palung national Park*, West Kalimantan, Indonesia.

APPLIED MATHEMATICS and STATISTICS

GRADUATE DIRECTOR: WOO JONG KIM
DEPARTMENT CHAIR: JAMES GLIMM

❖ Grants, Fellowships, and Awards

- Bozza, Roger.** (2000) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- Bryan, Jarod.** (2000) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- Garber, William.** (1999-2000) Grant, \$14,000. *USAF Office of Scientific Research*, Washington, D.C.
- George, Erwin.** (2000) Turner Fellowship. Graduate School, *SUNY at Stony Brook*, Stony Brook, NY.
- James, Aisha.** (2000) Turner Fellowship. Graduate School, *SUNY at Stony Brook*, Stony Brook, NY.
- Marchese, Andrea.** (2000) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.
- Mugno, Raymond.** (2000) President's Award For Excellence In Teaching. *SUNY at Stony Brook*, Stony Brook, NY.
- Sims, Brett.** (2000) Turner Fellowship. *The Graduate School of Stony Brook University*, Stony Brook, NY.
- Wilson, Christina.** (2000) GAANN Fellowship, \$15,000. *Department of Education*, Washington, D.C.

❖ Jointly Authored Publications/Research Reports/Reviews

- Chang, Y., Ahn, H., Chen, J.J.** (2000) On Sequential Closed Testing Procedures for a Comparison of Dose Groups With A Control. *Communications in Statistics B Theory Methods* 29 (5&6): 941-956.
- Garber, W.B., Tangerman, F.** (2000) Calculating Radiative Heat Transfer in an Axisymmetric Closed Chamber: An Application to Crystal Growth. *Journal of Crystal Growth* (submitted).
- Parisi, F., Lund, R.** (1999) Seasonality and Return Periods of Landfalling Atlantic Basin Hurricanes. *Australian & New Zealand Journal of Statistics* (forthcoming).
- Sendersky, D., Saltz, D.** (1999) A Numerical Study of Multi phase Phenomena In Rayleigh-Taylor Mixing. *Proceedings of the Seventh International Workshop on the Physics of Compressible Turbulent Mixing* (submitted).

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

- Garber, W.B.** (1999) Calculating Radiative Heat Transfer in an Axisymmetric Closed Chamber: An Application to Crystal Growth. *HPCU, High Performance Computing User's Conference*. Stony Brook, New York.
- Sendersky, D., Saltz, D.** (1999) A Numerical Study of Multi phase Phenomena In Rayleigh-Taylor Mixing. *Proceedings of the Seventh International Workshop on the Physics of Compressible Turbulent Mixing*.
- VanDerWoude, G., Tangerman, F.** (1999) Parallelizing the Front in 3D Frontier. *HPCU, High Performance Computing User's Conference*. Stony Brook, New York.

❖ Post-Doctorates Obtained and Professional Appointments

- Kim, Hongjoong.** (2000-2001) Post-Doctorate. *University of Southern California*, Los Angeles, CA.

Moon, Hojin. (1999-2000) Post-Doctorate. Department of Biostatistics, *MD Anderson Cancer Center, Houston, TX.*

❖ **Software Developed**

Garber, W.B. (2000) *Radiation Module for MASTRAPP* (a program simulating Czochralski crystal growth).

Garber, W.B. (2000) Unnamed. Used ScalaPACK to compute eigenvectors and eigenvalues of an n by n matrix with $n=12288$.

BIOMEDICAL ENGINEERING

GRADUATE DIRECTOR: PARTAP KHALSA
DEPARTMENT CHAIR: KENNETH MCLEOD

❖ Grants, Fellowships, and Awards

Gaudette, G.R. (1999) Winner of the 1999 American Society of Mechanical Engineers. \$1,000. *Pressure Vessels and Piping Conference Graduate Student Paper Competition*, Boston, MA.

❖ Jointly Authored Publications/Research Reports/Reviews

Gaudette, G.R., Chiang, F.P., Todaro, J., Krukenkamp, I.B. (1999) Using computer aided speckle interferometry to measure pressure effects on the heart. Proceeds from the 1999 ASME Pressure Vessels and Piping Conference, *Pressure Vessels and Piping* Vol. 392: 309-318.

Gaudette, G.R., Chiang, F.P., Todaro, J., Krukenkamp, I.B. (1999) A novel technique for measuring regional deformation with high spatial resolution in the beating heart. Proceeds from the ASME 1999 International Mechanical Engineering Congress and Exposition – Advances in Bioengineering. *BED*-Vol. 43: 239-240.

Horimoto, H., Saltman, A.E., **Gaudette, G.R.**, Krukenkamp, I.B. (1999) Nitric oxide generating beta adrenergic blocker nipradilol preserves post ischemic cardiac function. *Ann Thorac Surg* 68: 844-849.

Aksehirli, T.O., Valiunas, V., **Gaudette, G.R.**, Matsuyama, N., Brink, P., Krukenkamp, I.B. (1999) Reduced gap junction mediated coupling by heptanol protects the heart undergoing ischemia. *Surgical Forum* 50: 100-101.

Saltman, A.E., Krukenkamp, I.B., **Gaudette, G.R.**, Horimoto, H., Levitsky, S. (2000/in press) The electrophysiological and mechanical consequences of pharmacological preconditioning with the ATP-sensitive potassium channel opener pinacidil. *Ann Thorac Surg* (accepted for publication).

Gaudette, G.R., Krukenkamp, I.B., Saltman, A.E., Horimoto, H., Levitsky, S. (2000/in press) Preconditioning with PKC and the ATP sensitive potassium channels: a codependent relationship. *Ann Thorac Surg* (accepted for publication).

Horimoto, H., **Gaudette, G.R.**, Saltman, A.E., Krukenkamp IB (2000/in press) The role of nitric oxide, KATP channels, and cyclic GMP in the preconditioning response of the rabbit. *Journal of Surgical Research* (accepted for publication).

Matsuyama, N., Leavens, J.E., McKinnon, D., **Gaudette, G.R.**, Aksehirli, T.O., Krukenkamp, I.B. (2000/in press) Ischemic but not pharmacological preconditioning requires protein synthesis. *Circulation* (accepted for publication).

Saltman, A.E., Krukenkamp, I.B., **Gaudette, G.R.**, Horimoto, H., Levitsky, S. (2000/in press) Amrinone preconditioning in the isolated perfused rabbit heart. *Annals of Thoracic Surgery* (accepted for publication).

Matsuyama, N., Leavens, J.E., McKinnon, D., **Gaudette, G.R.**, Aksehirli, T.O., Krukenkamp, I.B. (1999) Ischemic but not pharmacological preconditioning requires protein synthesis. *Circulation* 100: I-388.

Horimoto, H., Saltman, A.E., **Gaudette, G.R.**, Nakai, Y., Sasaki, S., Krukenkamp, I.B. (1999) The nitric oxide generating –blocker nipradilol preconditions the heart through a NO-cyclic GMP-dependent mechanism. *Circulation* 100: I-596.

Lin, W., Qin, Y., and Rubin, C. (2000) Frequency specific scanning of ultrasound attenuation of bone properties. *Transactions of the 46th Annual Orthopedics Research Society*: pp. 751.

Qin, Y., Mauser, R., Berman, C., **Lin, W.**, and Rubin, C. (2000) The relationship between bone mineral density and ultrasound velocity. *Transactions of the 46th Annual Orthopedics Research Society*: pp. 753.

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

Gaudette, G.R. (1999) Using Computer Aided Speckle Interferometry to Measure Pressure Effects on the Heart. *ASME Pressure Vessels and Piping Conference*. Boston, Massachusetts, August, 1999.

Gaudette, G.R. (1999) A novel technique for measuring regional deformation with high spatial resolution in the beating heart. *The ASME 1999 International Mechanical Engineering Congress and Exposition*. Nashville, Tennessee.

CELLULAR and DEVELOPMENTAL BIOLOGY

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

❖ Grants, Fellowships, and Awards

- Haegeli, Veronique.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- King, Kein.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Lin, Jennifer.** (1999/2000) NCI, National Institutes of Health Predoctoral Trainee Fellowship.
- Manganas, Louis.** (1999) First Place Graduate Student Presentation Award. *American Physiological Society Conference*, Snowmass, CO.
- Manganas, Louis.** (1999) Travel Award. *The American Physiological Society for the Biology of Potassium Channels: From Molecules to Disease Conference*.
- Manganas, Louis.** (1999) Stony Brook Predoctoral Fellowship. The Institute for Cell and Developmental Biology, *SUNY at Stony Brook*, Stony Brook, NY.
- Manganas, Louis.** (2000) Sigma Xi Travel Award, *SUNY at Stony Brook*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

- Raich, W.B., **Agbunag, Christina**, and Hardin, J. (1999) Rapid epithelial-sheet sealing in the *Caenorhabditis elegans* embryo requires cadherin-dependent filopodial priming. *Current Biology* 9(20): 1139-1146.
- Kirn, K.E., Gu, C., Thakur, S., Vieira, E., **Lin, J.**, and Rabson, A.B. (2000) Transcriptional regulatory effects of lymphoma-associated NFkB/ly+10 protooncogenes. *Oncogene* 19(10): 1334-1345.
- Tiffany, A.F., **Manganas, L.N.**, Kim, E., Sheng, M. and Trimmer, J.S. (1999) PSD-95 and SAP-97 exhibit distinct mechanisms for regulating K⁺ channel surface expression and clustering. *J. Cell Bio.* 88(1): 147-157.
- Manganas, L.N.**, and Trimmer, J.S. (2000) Subunit composition and stoichiometry regulated Kvl channel trafficking and surface expression (submitted).
- Biswal, S.S., Datta, K., **Shaw, Stephanie D.** Feng, X., Robertson, J.D., and Kehrer, J.P. (2000) Glutathione oxidation and mitochondrial depolarization as mechanisms of nondihydroguaiaretic acid-induced apoptosis in lipoxygenase-deficient FL5.12 cells. *Toxicological Sci.* Vol. 53(1): 77-83.
- Chang, W-M., Bohm, R.A., Strauss, J.C., Kwan, T., Thomas, T., Cowmeadow, R.B., **Shaw, S.D.** and Nigel, S. (2000) Muscle-specific transcriptional regulation of the slowpoke Ca²⁺ activated K⁺ channel gene. *J. Biol. Chem.* 275(6): 3991-3998.

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

- King, K.** (2000) "In vivo" Functions of Brother Interacting Proteins. *Transcriptional Regulation by Runt Domain Proteins in Development and Disease*. Shelter Island, NY.
- King, K.** (2000) "In vivo" Functions of Brother Interacting Proteins: Poster presentation at *The Northeast Regional Meeting of the Society for Developmental Biology*. Woods Hole, MA.

- Lin, J.,** Dosil, M., and Konopka, J. (2000) Genetic analysis of alpha-factor pheromone receptor activation. Poster presentation at the *Yeast Genetics and Molecular Biology Meeting*. Seattle, WA.
- Manganas, L.N.** and Trimmer, J.S. (1999) Regulation of voltage-gated K⁺ channel surface expression by differential assembly of β subunit polypeptides. *43rd Annual Conference of the Biophysical Society*. Baltimore, MD.
- Manganas, L.N.** and Trimmer, J.S. (1999) Posttranslational regulation of voltage-gated K⁺ channel surface expression by differential assembly of α and β subunits. *American Physiological Society Conference: Biology of Potassium Channels: From Molecules to Disease*. Snowmass, CO.
- Manganas, L.N.,** and Trimmer, J.S. Posttranslational Regulation of Voltage-gated K⁺ Channel Surface Expression by Differential Assembly of α and β subunits. *Society for Neuroscience 29 Annual Meeting*. Miami, FL.
- Walrad, Pegine.** Functional Attributes of Conserved Regions of Runt that are Outside of the Runt-domain. *Transcriptional Regulation by Runt Domain Proteins in Development and Disease*. Shelter Island, NY.
- Zapulla, David,** Andrulis, E.D., Perrod, S., Gartenberg, M.R. and Stemglanz, R. ESC1, A Protein that Binds to SIR4 and Localizes to the Nuclear Property. *Keystone Symposium: Chromatin Structure and Function*. Durango, CO.

❖ **Theatrical Productions**

- Walrad, P.** (1999) Stage Manager and Co-author. *Z-TV, Fundraiser* (local cable show featured ten bands/performance artists), Chapel Hill, NC.
- Walrad, P.** (2000) Artistic Director and Co-author. *Aiza bebe* (touring ecologically educational show for children), NY, Costa Rico, and Madagascar.

CHEMISTRY

GRADUATE DIRECTOR: DANIEL RALEIGH

DEPARTMENT CHAIR: IWAO OJIMA

❖ Grants, Fellowships, and Awards

Borella, Christopher. (1999) Sigma Xi Travel Award, \$125. *Sigma Xi*, Stony Brook, NY

Chuang, Chih-Yuan. (2000) Mitsubishi Travel Award.

Du, Lin-Shu . (2000) Chemistry Award for Outstanding Service. The Department of Chemistry, *SUNY at Stony Brook*, Stony Brook, NY.

Gupta, Suparna. (1999) Travel award, \$600. Division of Medicinal Chemistry, *American Chemical Society*.

Liang, Dehai. (2000) Sigma Xi Travel Award for Excellence in Research. *Sigma Xi*, Stony Brook, NY

Tripathi, Akhilesh. (1999) Graduate Student Union (GSU) travel fund.

Tripathi, Akhilesh. (2000) Sigma Xi Travel Award for Excellence in Research. *Sigma Xi*, Stony Brook, NY

Tripathi, Akhilesh. (1999) Scholarship to attend First United States National School on Neutron and X-ray Scattering at *Argonne National Laboratory (ANL)*, jointly conducted by ANL's Division of Educational Programs, Intense Pulsed Neutron Source, and Advance Photon Source (APS). Argonne, Illinois.

Tripathi, Akhilesh. (1999) Chairs fund. *Gordon Research Conference on Zeolitic and Layered Materials* at Plymouth State College, New Hampshire.

Wu, Xinyuan. (2000) Sigma Xi Travel Award, \$100.00. *Sigma Xi*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Ojima, I., Wang, T., Miller, M.L., Lin, S., **Borella, C.**, Geng, X., Pera, P., Bernacki, R.J. (1999) Syntheses and Structure-Activity Relationships of New Second-Generation Taxoids. *Bioorg. Med. Chem. Lett.* Vol. (9): 3423-3428.

Ojima, I., Lin, S., Inoue, T., Miller, M.L., **Borella, C. P.**, Geng, X., Walsh, J.J. (in press) Macrocyclic Formation by Ring-Closing Metathesis (RCM). Application to the Syntheses of Novel Macrocyclic Taxoids. *J. Am. Chem. Soc.*

Du, Lin-Shu, Levitt, Malcolm H., Grey, Clare P. (1999) High-Order Spin Diffusion Mechanism in ^{19}F 2-D NMR of Oxyfluorides. *Journal of Magnetic Resonance* Vol. 140: pp. 242-249.

Woodward, Patrick M., Sleight, Arthur W., **Du, Lin-Shu**, Grey, Clare P. (1999) Structural Studies and Order-Disorder Phenomenon in a Series of New Quaternary Tellurates of the Type $\text{A}_2\text{M}_4\text{Te}_6\text{O}_6$. *Materials Research Society Symposium Proceedings* Vol. 547: pp. 233-238.

Woodward, Patrick M., Sleight, Arthur W., **Du, Lin-Shu**, Grey, Clare P. (1999) Structural Studies and Order-Disorder Phenomenon in a Series of New Quaternary Tellurates of the Type $\text{A}_2\text{M}_4\text{Te}_6\text{O}_6$ and $\text{A}_1\text{M}_4\text{Te}_6\text{O}_6$. *Journal of Solid State Chemistry* Vol. 147: pp. 99-116.

Du, Lin-Shu, Samoson, Ago, Tuherm, Tiit, Grey, Clare P. (2000) $^{19}\text{F}/^{23}\text{Na}$ Double Resonance MAS NMR Study of Oxygen/Fluorine Ordering in the Oxyfluoride $\text{Na}_5\text{W}_3\text{O}_9\text{F}_5$ *Chemistry of Materials* (submitted).

- Nakano, M., Tominaga, K., Saito, S., Kirikae, F., Lin, S.N., **Fumero, Cecilia**, Ojima, I., Kirikae, T. (1999) Lipopolysaccharide- and paclitaxel (Taxol)-induced tolerance in murine peritoneal macrophages. *Journal Of Endotoxin Research* Vol. (5): 102-106.
- Lin, S., Geng, X., Qu, C., Tynebor, R., **Gallagher, D.J.**, Polina, E., Rutter, J., and Ojima, I. (in press) Synthesis of Highly Potent Second-Generation Taxoids Through Effective Kinetic Resolution Coupling of Racemic β -Lactams with Baccatins. *Chirality*.
- Ojima, I., Wang, T., Miller, M. L., Lin, S., Borella, C., **Geng, X.**, Pera, P., Bernacki, R.J. (1999) Syntheses and Structure-Activity Relationships of New Second-Generation Taxoids. *Bioorg. Med. Chem. Lett.* Vol. (9): 3423-3428.
- Lin, S., **Geng, X.**, Qu, C., Tynebor, R., Gallagher, D., Polina, E., Rutter, J. and Ojima, I. (in press) Synthesis of Highly Potent Second-Generation Taxoids Through Effective Kinetic Resolution Coupling of Racemic β -Lactams with Baccatins. *Chirality*.
- Ojima, I., Lin, S., Inoue, T., Miller, M.L., Borella, C. P., **Geng, X.**, Walsh, J.J. (in press) Macrocyclic Formation by Ring-Closing Metathesis (RCM). Application to the Syntheses of Novel Macrocyclic Taxoids. *J. Am. Chem. Soc.*
- Gupta, Suparna**, Li, Haishan, and Sampson, Nicole S. (2000) Characterization of Fertilin β Disintegrin Binding Specificity in Sperm-Egg Adhesion. *Bioorg. and Med Chem.* Vol. 8: 723-729.
- Ojima, I., **Lee, Seung-Yub**. (2000) Rhodium-catalyzed novel carbonylative carbocyclization of enediyne. *J. Am. Chem. Soc.* Vol. (122): 2385-2386.
- Lee, Young Joo**, Wang, Francis, Grey, Clare P. (1999) ^6Li and ^7Li MAS NMR and In Situ X-ray Diffraction Studies of Lithium Manganate Cathode Materials. *Materials Research Society Symposium Proceedings* Vol. 548: pp. 197-202.
- Lee, Young Joo**, Wang, Francis, Grey, Clare P. (2000) ^6Li and ^7Li Magic Angle Spinning Nuclear Magnetic Resonance and *in situ* X-ray Diffraction Studies of the Charging and Discharging of $\text{Li}_x\text{Mn}_2\text{O}_4$ at 4 V. *Journal of the Electrochemical Society* Vol. 147: pp 803-812.
- Liang, Dehai**. Zhou, S. Song, L. Zaitsev, V.S., Chu, B. (1999) Copolymers of Poly(N-isopropylacrylamide) Densely Grafted with Poly(ethylene oxide) as High Performance Matrix of DNA Separation. *Macromolecules* 32: 6236.
- Liang, Dehai**. Song, L. Zhou, S. Zaitsev, V.S. Chu, B. (1999) Poly(N-isopropylacrylamide)-g-poly(ethylene oxide) for High Resolution and High Speed Separation of DNA by Capillary Electrophoresis. *Electrophoresis* 19: 2856.
- Liu, T., Wu, C., Xie, Y., **Liang, Dehai**, Zhou, S., Nace, V M., Chu, B. (1999) Amphiphilic Triblock Copolymers: Self-Assembly, Phase Behavior and Application to DNA Capillary Electrophoresis. *Associating Polymers in Aqueous Media*. Glass, E., Ed.
- Chu, Benjamin, Liu, Tianbo, Wu, Chunhung, **Liang, Dehai**. (in press) DNA Capillary Electrophoresis by Using Block Copolymer as a New Separation Medium. *Methods in Molecular Biology/Medicine*. Mitchelson, K.R., Ed.
- Zhou, S. Wan, Q. **Liang, Dehai**. Chu, B. Xu, P. Lai, J. (in press) Light Scattering Characterization of Poly(tetrafluoroethylene-co-perfluoro methylvinylether) Copolymer. *J. Applied Polymer Science*.
- Kao, H.M., **Liu, Haiming**, Jiang, S.H., Lin, S.H., Grey, C.P. (2000) Determining the Structure of Trimethylphosphine Bound to the Bronsted Acid Site in Zeolite HY: Double-Resonance NMR and "ab Initio" Studies. *J. Phys. Chem. B.* Vol. 104 (21).
- Liu, Haiming**, Kao, H.M., Grey, C.P. (1999) ^1H MAS and $^1\text{H}/^{27}\text{Al}$ TRAPDOR NMR Studies of Oxygen-Zeolite Interactions at Low Temperatures: Probing Bronsted-Acid Site Accessibility. *J. Phys. Chem. B.* Vol. 103 (23): pp. 4786-4796.

- Liu, M.T.W.**, Weubbens, M.M., Rajagopalan, K.V., and Schindelin, H. (2000) Crystal Structure of the Gephyrin-related Molybdenum Cofactor Biosynthesis Protein MogA from Escherichia coli. *Journal of Biological Chemistry* Vol. 275, No 3: pp. 1814-1822.
- Lin, S., Geng, X. **Qu, Chuanxing**, Tynebor, R., Gallagher, D.J, Polina, E., Rutter, J., and Ojima, I. (in press) Synthesis of Highly Potent Second-Generation Taxoids Through Effective Kinetic Resolution Coupling of Racemic β -Lactams with Baccatins. *Chirality*.
- Raineri, F.O., **Routh, J.P.**, and Stell, G (2000) Phase separation in the size-asymmetric primitive model. *Journal De Physique IV* (10): Pr5-99.
- Johnson, G.M., **Tripathi, Akhilesh** and Parise, J.B. (1999) Novel Routes for the preparation of a range of Germanium Containing zeolites. *Chem. Of Materials* Vol. 11, no. 1: 10-12.
- Johnson, G.M., **Tripathi, Akhilesh** and Parise, J.B. (1999) Synthesis and Structure of an Aluminogermanate Zeolite with the RHO Topology. *Microporous and Mesoporous Materials* 28: 139-154.
- Tripathi, Akhilesh**, Young Jr., G., Victor, Johnson, G.M., Cahill, C.L., Parise, J.B. (1999) $[N(CH_3)_4]_4H_{12}Ge_9O_{26} \cdot 14H_2O$. *Acta Crystallographica*, section c. Vol. C55: 496-499.
- Johnson, G.M., Lee, Y., **Tripathi, Akhilesh** and Parise, J.B. (1999) Structural Studies of hydrated Germanium X type Zeolite via Rietveld Analysis of Synchrotron Powder X-ray Diffraction Data. *Microporous and Mesoporous Materials* 31, 1-2: 195-204.
- Johnson, G.M., Reisner, B.A., **Tripathi, Akhilesh**, Corbin, D.R., Toby, B.H. and Parise, J.B. (1999) Flexibility and Cation Distribution upon Lithium Exchange of AlSi- and AlGe-RHO Framework Materials. *Chem. Of Materials* 11 (10): 2780-2787.
- Tripathi, Akhilesh**, Kim, S.J., Johnson, G.M., and Parise, J.B. (2000), Synthesis and Single Crystal Structure of a Lithium Aluminogermanate with the Zeolite ABW Topology. *Microporous and Mesoporous Materials* 34, 3: 273-279.

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

- Geng, X., **Borella, C.**, Miller, M.L., Lin, S., Chakravarty, S., Ojima, I. (1999) Design and Synthesis of Novel Macrocyclic Taxoid. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.
- Wang, T., Miller, M.L., **Borella, C.**, Lin, S., Geng, X., Pera, P., Bernacki, R.J., Ojima, I. (1999) Syntheses and Biological Activity of Advanced Second-Generation Taxoids. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.
- Chuang, Chih-Yuan**, and Iwao, Ojima. (2000) Asymmetric Aminohydroxylation Of 4-O-Substituted Hydroxybutenoates: Electronic Effects Of The Aromatic Ring On The Regioselectivity. *219th American Chemical Society National Meeting*. San Francisco, CA.
- Du, Lin-Shu**, Schurko, Robert W., Lim, Kwang Hun, Grey, Clare P. (1999) Solid-State NMR Characterization of ^{93}Nb , ^{19}F Spin Pairs in Niobium Fluorides and Oxyfluorides. *41st Rocky Mountain Conference on Analytical Chemistry* (poster section). Denver, Colorado.
- Geng, X.**, Borella, C., Miller, M.L., Lin, S., Chakravarty, S., Ojima, I. (1999) Design and Synthesis of Novel Macrocyclic Taxoid. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.
- Wang, T., Miller, M.L., Borella, Lin, S., **Geng, X.**, Pera, P., Bernacki, R.J., Ojima, I. (1999) Syntheses and Biological Activity of Advanced Second-Generation Taxoids. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.
- Wang, T., Lin, S., Wu, X., **Geng, X.**, Ojima, I. (1999) New and Efficient Route to Amino-Sugars/Aza-Sugars and Their Derivatives. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.

- Miller, M.L., **Geng, X.**, Lin, S., Pera, P., Bernacki, R.J., Ojima, I. (2000) Design, Synthesis, and Biological Activity of Novel Macrocyclic Taxoids as Potential Anticancer Agents. *219th American Chemical Society National Meeting*. San Francisco, California.
- Gupta, Suparna**, and Sampson, Nicole S. (1999) Characterization of the binding loop of fertilin β during sperm-egg fusion. Division of Medicinal Chemistry, *American Chemical Society National Meeting*. New Orleans, Louisiana.
- Ojima, I., **Lee, Seung-Yub**. (2000) Novel rhodium-catalyzed carbonylative carbocyclization of endiynes. *219th ACS National Meeting*. San Francisco, California.
- Lee, Young Joo**, Eng, Charlotte, Grey, Clare P. (1999) ^6Li MAS NMR Study of the Spinel Phases $\text{LiM}_x\text{Mn}_{2-x}\text{O}_4$ (M=Ni, Cu, Zn): Synthesis and Structural Characterization. *Meeting of The Electrochemical Society, 196th General Society Student Poster Session*. Honolulu, Hawaii.
- Liu, Haiming**, Grey, C.P., Hanson, J.C., Martin, J.D., Sullivan, R.M. (1999) Combined Time-Resolved "in situ" Synchrotron X-Ray Diffraction and Solid State NMR Studies on CuAlCl_4 Molecular Sieves. *Zeolitic and Layered Materials Gordon Research conference, Poster session*. Plymouth, New Hampshire.
- Liu, Haiming**, Grey, C.P., Hanson, J.C., Martin, J.D., Sullivan, R.M. (1999) "In situ" XRD and NMR Studies on Phase Transition from β - to α - CuAlCl_4 Molecular Sieves. *The 3rd Meeting of North-East Corridor Zeolite Association*. Philadelphia, Pennsylvania.
- Parise J.B., **Tripathi, Akhilesh**, Kim, S.J., Lee, Y.J. (July 2000) Na-AlGe-GIS and K-AlGe-GIS: Changes in Structure Due to Extraframework Cation Site Ordering. Abstract #P159 (W0291). *American Crystallographic Association (ACA) Annual Meeting*. St. Paul, MN.
- Tripathi, Akhilesh**, Parise, J.B., Nyman, M., Nenoff, T. (July 2000) A Novel Microporous Niobium Titanate: Structure Solution of an Octahedral Molecular Sieve from a $5 \times 8 \times 8 \mu\text{m}$ Twinned Crystal using Synchrotron X-ray Sources. Abstract #P225 (W0285). *American Crystallographic Association (ACA) Annual Meeting*. St. Paul, MN.
- Tripathi, Akhilesh**, Kim, S.J., Johnson, G.M., Parise, J.B. (June 13-18, 1999) Synthesis and Structural characterization of Germanium containing Zeolites. *Gordon Research Conference on Zeolitic and Layered Materials*. Plymouth State College, New Hampshire.
- Tripathi, Akhilesh**, Kim, S.J., Parise, J.B. (1999) Structural Studies of an Aluminogermanate With the Zeolite RHO topology. *National Synchrotron Light Source (NSLS) Annual User Meeting*. Upton, NY.
- Tripathi, Akhilesh**, Kim, S.J., Parise, J.B. (1999) A new modification of zeolite GIS Structure: synthesis and structure characterization of germanium containing zeolites. *North East Corridor Zeolite Association (NECZA) Annual Meeting*. Philadelphia, PA.
- Tripathi, Akhilesh**, Parise, J.B., Nyman, M., Nenoff, T, Wu, G. (2000) Structure of $\text{Na}_{16}(\text{Nb}_{12.8}\text{Ti}_{3.2})\text{O}_{448}(\text{OH})_{3.2} \cdot 8\text{H}_2\text{O}$, a selective ion exchanger for sequestration of Sr^{2+} , from a twinned $5 \times 8 \times 8 \mu\text{m}$ crystal. *National Synchrotron Light Source (NSLS) Annual User Meeting*. Upton, NY.
- Wang, T., Lin, S., **Wu, Xinyuan**, Geng, X., Ojima, I. (1999) New and Efficient Route to Amino-Sugars/Aza-Sugars and Their Derivatives. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.
- Zhang, Pengyi**, Ojima I (1999) Highly efficient approach to the synthesis of enantiopure (-)-indolizidine 223AB via rhodium-catalyzed hydroformylation. *218th American Chemical Society National Meeting*. New Orleans, Louisiana.

❖ **Post-Doctorates and Professional Appointments**

- Li, Tindy**. (2000) Research Science II. *Bayer Pharmaceutical*, West Haven, CT.

❖ **Internship Appointments**

Gupta, Suparna. (May 2000 – July 2000) Internship. *Protein Design Labs Inc.*, Fremont, California.

❖ **Patents**

Johnson, Geoffrey, **Tripathi, Akhilesh**, and Parise, J.B. (2000) *Aluminogermanate zeolite possessing Natrolite, Gismondine and Rho topology and methods of preparing the same.* US application Serial No. 09/456,724.

❖ **Other**

Tripathi, Akhilesh. (April 1 2000) Organized a Motivational/Educator/College preparation workshop for Third Long regional STEP conference. *Department of Technology and Society, College of Engineering and Applied Sciences.* Long Island, NY.

COMPARATIVE LITERATURE

GRADUATE DIRECTOR: BEVERLY HAVILAND
DEPARTMENT CHAIR: KRIN GABBARD

❖ Grants, Fellowships, and Awards

Andrade, Marie Mercedes. (June-July 2000) Summer Doctoral Fellows. *Washington State University*, Pullman, WA.

Calvin, Ritch. (2000) Women's Studies Teaching Award.

Calvin, Ritch. (2000) Vivien Hartog Endowment Award in Women's Studies.

❖ Singly Authored Publications/Research Reports/Reviews

Andrade, Marie Mercedes. (2000) Desire and Postponement in Colibri by Severo Sarduy. *Letralia*, on-line journal (forthcoming).

❖ Post-Doctorates Obtained and Professional Appointments

Calvin, Ritch. (2000) Associate Editor. *FEMSPEC: An Interdisciplinary Journal of Feminist Speculation*.

ECOLOGY AND EVOLUTION

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

❖ Grants, Fellowships, and Awards

- Allen, Bengt J.** (1999) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, New York.
- Ashton, Isabel.** (1999) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, New York.
- Bole, Greg M.** (2000) President's Award for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook*, Stony Brook, New York.
- Brown, Kerry.** (1999) Outstanding Graduate Student Presentation Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, New York.
- Brown, Nina.** (1999) Robert R. Sokal Travel Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, New York.
- Carroll, Jennifer.** (2000) Predoctoral Fellowship. *National Science Foundation*, Arlington, Virginia.
- deVarenes, Ted.** (1999) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education*, Washington, D.C.
- Fang, Wei.** (1999) Outstanding Graduate Student Presentation Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, New York.
- Funk, Jennifer L.** (1999) Science to Achieve Results (STAR) Pre-doctoral fellowship. *Environmental Protection Agency*, Washington, D.C.
- Gassmann, Aaron J.** (1999) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education*, Washington, D.C.
- Gharaibeh, Waleed S.** (1999) Robert R. Sokal Travel Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, New York.
- Hanson, Amy.** (1999) Research Grant. *Chicago Zoological Society of Conservation and Research*, Chicago, Illinois.
- Hanson, Amy.** (1999) Margot Marsh Biodiversity Award. *Conservation International*, Washington, D.C.
- Hanson, Amy.** (1999) Research Grant. *Primate Conservation Inc.*, Charlestown, Rhode Island.
- Hanson, Amy.** (1999) Research Grant. *Explorer's Club*, Washington, D.C.
- Karpanty, Sarah M.** (1999) Science to Achieve Results (STAR) Pre-doctoral fellowship. *Environmental Protection Agency*, Washington, D.C.
- Knott, Karelyn E.** (1999) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education*, Washington, D.C.
- Matzkin, Luciano M.** (2000) Outstanding Graduate Student Presentation Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, New York.
- Throop, Heather L.** (1999) Graduate Assistants in Areas of National Need (GAANN) Teaching Fellowship. *U.S. Department of Education*, Washington, D.C.
- Vogel, Erin R.** (1999) Outstanding Graduate Student Presentation Award. Department of Ecology and Evolution, *SUNY at Stony Brook*, Stony Brook, New York.

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

- Di Bitetti, Mario S.** (1999) La vida en sociedad de los primates: costos y beneficios. *Ciencia Hoy* Vol 9, N 53: 32-45.
- Di Bitetti, Mario S.** (in press) Home range use by the tufted capuchin monkey, *Cebus apella nigrinus*, in a subtropical rainforest of Argentina. *Journal of Zoology*.
- Rosenberg, Michael S.** (in press) The bearing correlogram: A new method of analyzing directional spatial autocorrelation. *Geographical Analysis*.
- Verrelli, Brian C.** (in press) Review of: A Primer of Population Genetics. *The Quarterly Review of Biology*.

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

- Padilla, D.K. and **Allen, Bengt J.** (in press) Paradigm lost: reconsidering functional form and group hypotheses in marine ecology. *Journal of Experimental Marine Biology and Ecology*.
- Castellanos, Maria C.,** Escobar F., and Stevenson P.R. (1999) Dung beetles (Scarabaeidae: Scarabeinae) attracted to Woolley Monkeys (*Lagothrix lagothricha* Humboldt) dung at Tinigua National Park, Colombia. *The Coleopterist Bulletin* 53(2): 155-159.
- Di Bitetti, Mario S.** and Janson, C.H. (2000) When will the stork arrive?: patterns of birth seasonality in Neotropical primates. *American Journal of Primatology* 50: 109-130.
- Di Bitetti, Mario S.** and Janson, C.H. (in press) Reproductive socioecology of tufted capuchins (*Cebus apella nigrinus*), in northeastern Argentina. *International Journal of Primatology*.
- Di Bitetti, Mario S.,** Luengos Vidal, E.M., Baldovino, M.C., and Benesovsky, V. (2000) Sleeping site preferences in tufted capuchin monkeys, *Cebus apella nigrinus*. *American Journal of Primatology* 50: 257-274.
- Gharaibeh, Waleed S.,** Rohlf, F.J., Slice, D.E., and DeLisi, L.E. (in press) A geometric morphometric assessment of change in midline brain structural shape following a first episode of schizophrenia. *Biological Psychiatry*.
- Goodell, Karen,** Parker, I.M., and Gilbert, G.S. (2000) Biological impacts of species invasions: implications for policy makers. *Proceedings of the Committee on Incorporating Science, Economics, and Sociology in Developing Sanitary and Phytosanitary Standards in International Trade*. National Research Council, Ed. National Academy of Science Press.
- Williams, N.M. and **Goodell, Karen.** (in press) The association between mandible shape and nesting material in four *Osmia* Panzer (Hymenoptera: Megachilidae): a morphometric analysis. *Annals of the Entomological Society of America*.
- Hopkins, T.S., Thompson, L.E., **Knott, Karelyn E.,** and Tingle, T.A. (1999) A study of *Luidia clathrata*: Further evidence for two species rather than one on the mid-western inner continental shelf of the Atlantic Ocean and the Gulf of Mexico. *Echinoderm Research 1998*. C. Carnevali and F. Bonasoro, Eds. Rotterdam: A.A. Balkema Press.
- Simons, A.M., **Knott, Karelyn E.,** and Mayden, R.L. (in press) Assessment of monophyly of the minnow genus *Pteronotropis* (Teleostei: Cyprinidae). *Copeia*.
- Knott, Karelyn E.** and Wray, G.A. (in press) Controversy and consensus in asteroid systematics: new insights to ordinal and familial relationships. *American Zoologist*.
- Knott, Karelyn E.** and Wray, G.A. (in press) abstract: Molecular data and phylogeny of the Asteroidea. *10th International Echinoderm Conference 2000*. Dunedin, New Zealand.
- Matos, M., Rego, C., **Levy, Andre,** Teotonio, H., and Rose, M.R. (2000) An evolutionary no man's land. *Trends in Ecology and Evolution* 15: 206.

Rosenberg, Michael S., Adams, D.C., and Gurevitch, J. (2000) MetaWin: Statistical software for meta-analysis. Version 2.0. *Sinauer Associates*. Sunderland, Massachusetts.

Sokal, R.R., Oden, N.L., **Rosenberg, Michael S.**, and Thomson, B.A. (in press) Cancer incidences in Europe related to ethnohistoric and genetic distances. *Proceedings of the National Academy of Sciences USA*.

Lerdau, M. and **Throop, Heather L.** (in press) Sources of variability in isoprene emission and photosynthesis in tropical tree species. *Biotropica*.

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

Allen, Bengt J. and Williams, S.L. (2000) Exotic mussel starves in native seagrass: testing the food limitation hypothesis. *Benthic Ecology Meeting*. Wilmington, North Carolina.

Bole, Greg M. (1999) Development of Student-Based Research in Introductory Biology Laboratories. *Sigma Xi Forum: Reshaping Undergraduate Science and Engineering Education*. Minneapolis, Minnesota.

Brown, Nina. (1999) The role of floral volatiles in attracting the pre-dispersal seed predator *Hylemya* sp. to *Polemonium foliosissimum*. *Gordon Research Conference on the Biology and Chemistry of Floral Volatiles*. Oxford, England.

Castellanos, Maria C., Wilson, P., and Thomson, J.D. (2000) Stimulating nectar resecretion in *Penstemon* flowers. *Annual Meetings of the Society for the Study of Evolution*. Bloomington, Indiana.

Funk, Jennifer L. (2000) Biogenic Hydrocarbons and the Atmosphere. *Gordon Research Conference*. Ventura Beach, California.

Funk, Jennifer L. (2000) Diurnal patterns of isoprene emission and the potential role of substrate regulation. *Annual Meeting of the Ecological Society of America*. Snowbird, Utah.

Goodell, Karen. (1999) Resource overlap between native and introduced bees: effects on fitness. *Annual Meetings of the Ecological Society of America*, Spokane, Washington.

Goodell, Karen. (2000) Workshop: The Bee Course. *American Museum of Natural History/Southwest Research Station*. Portal, Arizona.

Gordon, Thomas T. (1999) The Role of Roosts as Hotspots in Court-Displaying *Hypsignathus monstrosus*. *29th Annual North American Symposium on Bat Research*. Madison, Wisconsin.

Gordon, Thomas T. (1999) Are Megachiropteran Bats Lunarphilic? *29th Annual North American Symposium on Bat Research*. Madison, Wisconsin.

Hinman, Katharine E. (1999) Pollination of *Agave palmeri* by nectar-feeding bats in southeastern Arizona and the effects of alternate resources on this system. *29th Annual North American Symposium on Bat Research*. Madison, Wisconsin.

Knott, Karelyn E. and Wray, G.A. (2000) Molecular data and phylogeny of the Asteroidea. *10th International Echinoderm Conference*. Dunedin, New Zealand.

Levy, Andre. (1999) Correlation between resistance and tolerance, a preliminary study of defense in Rapid Cycling Brassica rapa. *VII Congress of the European Society of Evolutionary Biology*. Barcelona, Spain.

Matzkin, Luciano M., Verrelli, B.C., and Eanes, W.F. (1999) Life history variations in wild populations of *Drosophila melanogaster* along a latitudinal cline. *Annual Meeting of the Society for the Study of Evolution*. Madison, Wisconsin.

Rosenberg, Michael S. (2000) Integrating the statistical modeling of spatial data in ecology. *National Center for Ecological Analysis and Synthesis*. Santa Barbara, California.

- Throop, Heather L.** (2000) Impacts of nitrogen deposition on plant growth and insect herbivory. *Annual Meeting of the Ecological Society of America*. Snowbird, Utah.
- Matzkin, L.M., **Verrelli, Brian C.**, and Eanes, W.F. (1999) Life history variations in wild populations of *Drosophila melanogaster* along a latitudinal cline. *Annual Meeting of the Society for the Study of Evolution*. Madison, Wisconsin.
- Verrelli, Brian C.**, and Eanes, W.F. (1999) Clines revisited: Measuring geographic variation of *Drosophila* metabolic enzymes using SNPs. *Annual Meeting of the Society for the Study of Evolution*. Madison, Wisconsin.

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

- Anastasia, Jean R.** (1999) Teaching Position. *Suffolk County Community College*, Selden, New York.
- Bely, Alexandra E.** (1999) NIH Postdoctoral Fellowship. Department of Molecular and Cellular Biology, *University of California at Berkeley*, Berkeley, California.
- Bely, Alexandra E.** (1999) NASA Postdoctoral Fellowship. Department of Molecular and Cellular Biology, *University of California at Berkeley*, Berkeley, California.
- Billerbeck, Jean M.** (1999) Teaching Position. *Community College of Rhode Island*, Warwick, Rhode Island.
- Bole, Greg M.** (2000) Teaching Position. *SUNY at Stony Brook*, Stony Brook, New York.
- Goodell, Karen.** (2000) The Nature Conservancy David H. Smith Postdoctoral Fellowship. *Rutgers University*, New Brunswick, New Jersey.
- Knott, Karelyn E.** (2000) Post-Doctorate. *Harbor Branch Oceanographic Institution*, Ft. Pierce, Florida.
- Kurdziel, Josepha P.** (1999) NSF Post-Doctorate. Department of Teaching and Teacher Education, *University of Arizona*, Tucson, Arizona.
- Qiu, Weigang.** (1999) Post-Doctorate. Center for Genomics Research, *University of Maryland*, Rockville, Maryland.
- Rosenberg, Michael S.** (2000) Faculty Research Associate. Department of Biology, *Arizona State University*, Phoenix, Arizona.
- Verrelli, Brian C.** (2000) Post-Doctorate. Department of Biology, *University of Maryland*, College Park, Maryland.

ELECTRICAL ENGINEERING

GRADUATE DIRECTOR: GREGORY BELENKY
DEPARTMENT CHAIR: SERGE LURYI

❖ Jointly Authored Publications/Research Reports/Reviews

- Donetsky, D.V.**, Belenky, G.L., Garbuzov, D.Z., Lee, H., Martinelli, R.U., Taylor, G., Luryi, S., and Connolly, J.C. (1999) Direct Measurements of Heterobarrier Leakage Current and Modal Gain in 2.3 μm double QW p-substrate InGaAsSb/AlGaAsSb broad area lasers. *Electronics Letters* Vol. 35, #4: pp. 298-299.
- Andreev, A.D. and **Donetsky, D.V.** (1999) Analysis of Temperature Dependence of the Threshold Current in 2.3 – 2.6 μm InGaAsSb/AlGaAsSb Quantum-Well Lasers. *Appl. Phys. Lett.* Vol. 74, #19: pp. 2743-2745.
- Belenky, G.L., Reynolds, C.L. Jr., **Donetsky, D.V.**, Shtengel, G.E., Hybertsen, M., Alam, M.A., Baraff, G.A., Smith, R.K., Kazarinov, R.F., Winn, J.D., Smith, L.E. (1999) Role of p-doping Profile and Regrowth on the Static Characteristics of 1.3 μm MQW InGaAsP/InP Lasers. Experiment and Modeling. *IEEE Journal of Quantum Electronics* Vol. 35, #10: pp. 1515-1520.
- Hybertsen, M.S., Alam, M.A., Shtengel, G.E., Belenky, G.L., Reynolds, C.L. Jr., **Donetsky, D.V.**, Smith, R.K., Baraff, G.A., Kazarinov, R.F., Winn, J.D., and Smith, L.E. (1999) Role of p-doping profile in InGaAsP Multi-Quantum Well Lasers: Comparison of Simulation and Experiment. *SPIE*. Vol. 3625-60.
- Belenky, G.L., Reynolds, C.L., Jr., Shterengas, L., Hybertsen, M.S., **Donetsky, D.V.**, Shtengel, G.E., Luryi, S. (2000/in press) Effect of p-doping on Temperature Dependence of Differential Gain in FP and DFB 1.3 μm InGaAsP/InP Multiple Quantum Well Lasers. *IEE Photon. Technol. Lett.* Vol. 12, No. 8.
- Kim, Seong-Hwan** and Robertazzi, T.G. (March 2000) Spatial Network Traffic Intensity. *Proceedings of the 2000 Conference on Information Sciences and Systems*: pp. TP2-24. Princeton University.
- Ko, Ko-Chi** and Robertazzi, T.G. (March 2000) Record Search Time Evaluation. *Proceedings of the 2000 Conference on Information Sciences and Systems*: pp. WP2-24. Princeton University.
- Mitrea, Cristian** and Leuciuc, Adrian (2000) On the Effect of Op-Amp Finite Gain in Delta-Sigma Modulators. *Proceedings of ISCAS 2000*. Geneva, Switzerland.
- Orlik, Philip** and Rappaport, S.S. On the Hand-Off Arrival Process in Cellular Communications. *Wireless Networks Journal*.
- Park, Yunsang** and Rappaport, S.S. (2000) Maintaining Connectivity for Mobile Computing Applications in Cellular Systems with Multiple Traffic Classes and Mixed Platform Types. *System Performance Evaluation: Methodologies and Applications*: pp. 215-229. CRC Press: New York.
- Park, Yunsang** and Rappaport, S.S. Performance Analysis of Session Oriented Data Communications for Mobile Computing in Cellular Systems. *Wireless Networks*.
- Belenky, G., Reynolds, C.L., Jr., **Shterengas, Leon**, Hybertsen, M.S., Donetsky, D.V., Shtengel, G.E., and Luryi, S. (2000/in press) Effect of p-doping on temperature dependence of differential gain in FP and DFB 1.3 μm InGaAsP/InP multiple quantum well lasers. *IEEE Photon, Technol. Lett.* Vol. 12, No. 8.
- Zhang, Guodong** and Rappaport, S. S. (January 2000) Integrated Multimedia Personal Communications with Asymmetric Services for Mobile Users in Cellular Systems. *Journal of Parallel and Distributed Computing* Vol. 60: pp. 353-373.

Zhang, Guodong and Rappaport, S.S. Medium Access Scheme for Voice, Data and Self-Similar Traffic Integration in DS-CDMA Personal Communication Networks. *CEAS Technical Report #779*.

Zhang, Guodong and Rappaport, S.S. Call Admission Control for Scheduled Priority Arrivals in Wireless Communication Systems. *CEAS Technical Report #781*.

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

Donetsky, D.V., Belenky, G.L., Luryi, S., Garbuzov, D.Z., Lee, H., Martinelli, R.U., Connolly, J.C. (May 1999) Current and Temperature Dependencies of the Modal Gain in Wide-Aperture 2.3 um InGaAsSb/AlGaAsSb Quantum-Well Lasers. *CLEO '99*. Baltimore.

Hybertsen, M.S., Alam, M.A., Baraff, G.A., Smith, R.K., Shtengel, G.E., Reynolds, C.L., Jr., Kazarinov, R.F., Belenky, G.L., **Donetsky, D.V.** (1999) Role of Doping Profile on Semiconductor Laser Performance: Simulation and Experiment. *International Conference on Lasers and Electro-Optics (CLEO '99)*. Baltimore.

Belenky, G.L., Reynolds, C.L., Jr., **Donetsky, D.V.**, Hybertsen, M.S., Shterengas, L., Shtengel, G.E., Kazarinov, R.F. (January 2000) Characterization of Heterolasers with Different p-doping Profile. Proceedings of the *Photonics West Conference, Physics and Simulation of Optoelectronic Devices VIII*. San Jose, 3944.

Shterengas, L., Reynolds, C.L., Jr., Belenky, G., Hybertsen, M., **Donetsky, D.V.**, Shtengel, G. (May 2000) Differential Gain in 1.3 um InGaAsP/InP MQW Lasers with p-doped Active Region. *International Conference on Lasers and Electro-Optics (CLEO'2000), Technical Digest*: pp. 174. San Francisco, CA.

Menna, R., Shterengas, L., Trussel, W., **Donetsky, D.V.**, Maiorov, M., Belenky, G., Connolly, J., Garbuzov, D. (May 2000) Effect of P-cladding Layer Doping on Pulsed, High Power 1.5 um InGaAsP/InP MQW Lasers. *12th International Conference on Indium Phosphide and Related Materials (IRPM '2000)*. Williamsburg, Virginia.

Huang, Xiaoling, Phamdo, Nam and Li, Ping. (1999) BER Bounds on Parallel Concatenated Single Parity Check Arrays and Zigzag Codes. *GLOBECOM*.

Orlik, Philip and Rappaport, S.S. (September 21-24, 1999) On the Hand-Off Arrival Process in Cellular Communications. *WCNC'99, Wireless Communications and Networking Conference*: pp. 545-549. New Orleans, LA.

Shterengas, Leon, Reynolds, C.L., Jr., Belenky, G., Hybertsen, M., Donetsky, D., Shtengel, G. (May 2000) Differential gain in 1.3 um InGaAsP/InP MQW Lasers with p-doped Active Region. *International Conference on Lasers and Electro-Optics (CLEO'2000), Technical Digest*: p. 174. San Francisco. CA.

Menna, R., **Shterengas, Leon**, Trussell, W., Donetsky, D., Maiorov, M., Belenky, G., Connolly, J., Garbuzov, D. (May 2000) Effect of p-cladding Doping on Pulsed, High Power 1.5 um InGaAsP/InP MQW Lasers. *12 International Conference on Indium Phosphide and Related Materials (IRPM '2000)*. Williamsburg, Virginia.

Zhang, Jianqiu and Phamdo, Nam. (March 15-17, 2000) Minimum Distance Calculation in Multi-user CDMA Systems with Identical Cross-Correlations. *2000 Conference on Information Sciences and Systems*. Princeton University.

Zhang, Jianqiu and Phamdo, Nam. (June 25-30, 2000) Approximate Performance Analysis of Turbo Codes with Fixed Interleavers. *IEEE International Symposium on Information Theory 2000*. Sorrento, Italy.

ENGLISH

GRADUATE DIRECTOR: HELEN COOPER
DEPARTMENT CHAIR: LORENZO SIMPSON

❖ Grants, Fellowships, and Awards

Belling, Catherine. (2000) The Madeline Fusco Fellowship.

Brent, Justin. (2000) Mildred and Herbert Weisinger Dissertation Fellowship, \$2500. *SUNY at Stony Brook*, Stony Brook, NY

Snyder, C. (1999) Madeline Fuscoe Award. *SUNY at Stony Brook*, Stony Brook, NY.

Snyder, C. (2000) University Award for Excellence in Teaching for a Graduate Student. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Brent, J. (2000) Online Learning Center (OLC). *A Community of Writers*,
<http://www.mhhe.com/socscience/english/elbow/>

Chinchillo, Melissa. (in press) (Post) Colonial (Dis) Orders: Women's Embodiment as Chaos in Dangarembga's "Nervous Conditions" and Mukherjee's "Jasmine." Exclusions in Feminist Thought. *Challenging the Boundaries of Womanhood*. Brewer, M., Ed. Brighton: Sussex Academic Press.

Chinchillo, M. (1999) Book Notes: "Paranoia Within Reason:" A Casebook on Conspiracy as Explanation. *American Studies International* vol. 37: 111-112.

Mendelson, Laura Book Review of George Haggerty's "Men in love: Masculinity and Sexuality in the Eighteenth Century." *Journal of History of Sexuality* vol. 9. No.3.

❖ Jointly Authored Publications/Research Reports/Reviews

Chinchillo, M., and Nagle, C. (2000/in press) "E. Ann Kaplan." *Postmodernish: An Encyclopedia*. Taylor, V. and Winquist, C., Eds. NY: Routledge.

Good, T. and **Warshauer, Leanne.** (2000) *In Our Own Voice: Graduate Students Teach Writing*. Good, T. and Warshauer, L., Eds. Boston: Allyn and Bacon.

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

Auster, Michelle. (2000) Colonial Alienation and the Mother Tongue: Language in Chinua Achebe's "Things Fall Apart" and Tsitsi Dangarembga's "Nervous Conditions." *Constellations, Stony Brook Interdisciplinary Conference*. SUNY at Stony Brook, Stony Brook, NY.

Brent, J. (2000) A Pseudo-Isidore Homily and The Theme of the Soul's Address. *International Congress on Medieval Studies*. Kalamazoo, MI.

Chinchillo, M. (2000) Alien Geographies: America's Uncanny Frontiers. *Northeast Modern Language Association Conference*. Buffalo Hyatt Regency, New York.

Chinchillo, M. (2000) The Embodiment of Chaos in Dangarembga's "Nervous Conditions" and Mukherjee's "Jasmine." *American Comparative Literature Association Conference*. Yale University, CT.

- Chinchillo, M.** (1999) "Time is on Our Side:" History, Evil and Conspiracy in Postmodern Gothic Films. *Popular Culture Association/American Studies Association Conference*. San Diego Hilton, CA.
- Crane, Susan.** Fruit for Thought: An Examination of Words that Designate Fruit in "Genesis B." *35th International Congress on Medieval Studies*. Kalamazoo, MI.
- Chinchillo, M.** (1999) The Pleasure Principle: Towards a Psychology of Conspiracy Theory. *Southern American Studies Association Conference*. Wilmington Hilton, NC.
- Johns, Timothy.** (1999) Paper on Brecht's "Good Person of Szechwan." *Marxist Literary Group*. Chicago, IL.
- Machado Sáez, E.** (2000) La Violencia del Olvido: History as Memory in "Los Recuerdos del Porvenir." *Truth, Memory, Imagination and Fiction*, Graduate Conference on Romance Studies. Boston College, Boston, MA.
- Nagle, C.** (1999) The Art of Conferencing. *English Department Faculty-Student Colloquium Series*. SUNY at Stony Brook, NY.
- Nagle, C.** (1999) Sensibility, Romanticism and the Problem of Pleasure. *6th Annual American Conference in Romanticism*. Indiana University, Bloomington, IN.
- Nagle, C.** (1999) Sensibility and the Romantic Project: Wordsworth with Helen Maria Williams. *Northeast American Society for Eighteenth-Century Studies*. University of New Hampshire, Durham, NH.
- Nagle, C.** (1999) Perishing with Pleasure: Burke's "Sublime," Sterne's "Sensorium," Austen's "Dubiety." *American Society for Eighteenth-Century Studies*. Philadelphia, PA.
- Snyder, C.** (1999) Woolf's Ethnographic Fiction: Othering "Englishness" in *The Voyage Out*. *Modern Language Association Convention*. Chicago, IL.
- Warshauer, L.** (2000) Collaboration as a Process: Reinforcing the Workshop. *Conference on College Composition and Communication*. Minneapolis, MN.
- Good, T. and **Warshauer, L.** (1999) Feminine Reasoning and Feminist Pedagogy. *Modern Language Association Annual Convention*. Chicago, IL.
- Warshauer, L.** (1999) Madness, Gender, and the Politics of Amatory Fiction. *Aphra Behn Society Annual Conference*. Philadelphia, PA.
- Good, T. and **Warshauer, L.** (1999) Academic Discourse Meets Feminine Reasoning: What Will Happen to Their Offspring? *Second Biennial Feminism(s) and Rhetoric(s) Conference*. Minneapolis, MN.

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

- Chinchillo, M.** (2000-2002) Vice President. Graduate Student Caucus, *Northeast Modern Language Association (NEMLA)*.
- Snyder, C.** (2000-2001) Post-Doctorate Fellow. English Department, *SUNY at Stony Brook*, Stony Brook, NY.

GENETICS

GRADUATE DIRECTOR: DR. J. PETER GERGEN

❖ Grants, Fellowships, and Awards

- Gumienny, Tina L.** (2000) Busch Postdoctoral Fellowship. *Waksman Institute of Microbiology, Rutgers, The State University of New Jersey*. Piscataway, New Jersey.
- Landry, Joseph.** (2000) Honorary membership to *Sigma Xi Honor Society*.
- Tracey Jr., W.D.** (1999) Damon Runyon-Walter Winchell Foundation Postdoctoral Fellowship, \$125,000 for 2000-2003. *California Institute of Technology*, Pasadena, California.
- Tracey Jr., W.D.** (1999) Genetic analysis of pain in *Drosophila*, W.M. Keck Foundation Grant for Discovery in Basic Medical Research, \$166,000 for 2000-2003. *California Institute of Technology*, Pasadena, California.

❖ Jointly Authored Publications/Research Reports/Reviews

- Hammond, S.M., **Bernstein, Emily**, Beach, D., and Hannon, G.J. (2000) An RNA-directed nuclease mediates post-transcriptional gene silencing in *Drosophila* cells. *Nature* 404: 293-6.
- Chen, Grace** and Stenlund, A. (2000) Two patches of amino acids on the E2 DNA binding domain define the surface for interaction with E1. *Journal of Virology* 74: 1506-12.
- DeZazzo, J., Xia, S., **Christensen, Jeffrey**, Velinzon, K., and Tully, T. (1999) Developmental expression of an amn(+) transgene rescues the mutant memory defect of amnesiac adults. *Journal of Neuroscience* 19: 8740-6.
- Gumienny, Tina L.**, Lambie, E., Hartweg, E., Horvitz, H.R., and Hengartner, M.O. (1999) Genetic control of programmed cell death in the *Caenorhabditis elegans* hermaphrodite germline. *Development* 126: 1011-22.
- Chen, Z.L., **Indyk, Justin**, Bugge, T.H., Kombrinck, K.W., Degen, J.L., and Strickland, S. (1999) Neuronal death and blood-brain barrier breakdown after excitotoxic injury are independent processes. *Journal of Neuroscience* 19: 9813-20.
- Vaccariello, M., **Javaherian, Ashkan**, Wang, Y., Fusenig, N.E., and Garlick, J.A. (1999) Cell interactions control the fate of malignant keratinocytes in an organotypic model of early neoplasia. *Journal of Investigative Dermatology* 113: 384-91.
- Landry, Joseph**, Sutton, A., Tafrov, S.T., Heller, R.C., Stebbins, J., Pillus, L., and Sternglanz, R. (2000) *Proceedings National Academy of Sciences* 97: 5807-5811.
- Salghetti, S.E., **Kim, So Young**, and Tansey, W.P. (1999) Destruction of Myc by ubiquitin-mediated proteolysis: cancer-associated and transforming mutations stabilize Myc. *EMBO Journal* 18: 717-26.
- Mainen, Z.F., Maletic-Savatic, M., **Shi, Songhai**, Hayashi, Y., Malinow, R., and Svoboda, K. (1999) Two-photon imaging in living brain slices. *Methods* 18: 231-9.
- Shi, Songhai**, Hayashi, Y., Petralia, R.S., Zaman, S.H., Wenthold, R.J., Svoboda, K., and Malinow, R. (1999) Rapid spine delivery and redistribution of AMPA receptors after synaptic NMDA receptor activation. *Science* 284: 1811-6.
- Tracey Jr., W.D.**, Ning, X., Klingler, M., Kramer, S.G., and Gergen, J.P. (2000) Quantitative analysis of gene function in the *Drosophila* embryo. *Genetics* 154: 273-84.

VanderZwan, Christine, Brodie, S., and Campanella. (2000) The Intraspecific Phylogenetics of "Arabidopsis thaliana" in Worldwide Populations. *Systematic Botany* 25: 47-59.

Wijnen, Herman and Futcher, B. (1999) Genetic analysis of the shared role of CLN3 and BCK2 at the G(1)-S transition in *Saccharomyces cerevisiae*. *Genetics* 153: 1131-43.

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

Gumienny, Tina L., Lambie, E., and Hengartner, M. (1999) Further Studies of Programmed Germ Cell Death. *12th International C. Elegans Meeting*. University of Wisconsin at Madison, Madison, Wisconsin.

Indyk, Justin A., Chen, Z.L., Sallés, F.J., and Strickland, S. (1999) Multiple neuronal laminin chains are expressed in the adult mouse hippocampus. *Society of Neuroscience 29th Annual Meeting*. Miami Beach, Florida.

Chen, Z.L., **Indyk, Justin A.**, Kombrinck, K.W., Degen, J.L., and Strickland, S. (1999) Neuronal death and blood-brain barrier breakdown after excitotoxic injury are independent processes. *Society of Neuroscience 29th Annual Meeting*. Miami Beach, Florida.

VanderZwan, Christine. (2000) Differential Requirements for DNA Binding in the Regulation of Target Gene Expression by the Runt Protein. *Transcriptional Regulation by Runt Domain Proteins in Development and Disease*. Ram's Head Inn, Shelter Island, New York.

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

Babb, Robert. (1999) Postdoctoral Fellow. *Novartis Pharmaceuticals*, East Hanover, New Jersey.

Chen, Grace. (1999) Medical Student. School of Medicine, *University of Michigan*, Ann Arbor, Michigan.

Gumienny, Tina L. (2000) Postdoctoral Fellow. Department of Molecular Biology and Biochemistry, *Rutgers, The State University of New Jersey*, Piscataway, New Jersey.

Hoepfner, Daniel. (2000) Postdoctoral Fellow. Laboratory of Molecular Biology, *National Institute of Neurological Disorders and Stroke, National Institutes of Health*, Bethesda, Maryland.

Sims, Matthew. (2000) Resident. School of Medicine, *State University of New York at Stony Brook*, Stony Brook, New York.

Tracey Jr., W.D. (1999) Postdoctoral Fellow, *California Institute of Technology*, Pasadena, California.

Wijnen, Herman. (2000) Postdoctoral Fellow. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, New York.

Wines, Mary. (2000) Postdoctoral Fellow. Laboratory of Molecular Biology, *National Institute of Neurological Disorders and Stroke, National Institutes of Health*, Bethesda, Maryland.

Yang, Xiaohong. (2000) Scientist. *Introgen Therapeutics, Inc.*, Austin, Texas.

GEOSCIENCES

GRADUATE DIRECTOR: JOHN PARISE

DEPARTMENT CHAIR: ROBERT C. LIEBERMANN

❖ Grants, Fellowships, and Awards

Becker, Mona. Research grant. *Geological Society of America*.

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

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

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

❖ Jointly Authored Publications/Research Reports/Reviews

Liu, J., Zhang, J., **Flesch, L.M.**, Li, B., Weidner, D.J., and Liebermann, R.C. (1999) Thermal Equation of State of Stishovite. *Physics of the Earth and Planetary Interiors* 112: 257-266.

Flesch, L.M., Holt, W.E., Haines, A.J., Shen-Tu, B. (2000) Dynamics of the Pacific - North American Plate Boundary Zone in the Western United States, *Science* 287: 834-836.

Kreemer, C., Holt, W.E., Goes, S., Govers, R. (2000) Active deformation in eastern Indonesia and the Philippines from GPS and seismicity data. *Journal of Geophysical Research* 105: 663-680.

Kreemer, C., Holt, W.E. (2000/in press) What caused the March 25, 1998 Antarctic plate earthquake? Inferences from regional stress and strain rate fields. *Geophysical Research Letter* 27.

Lee, Y., Kim, S.-J., Parise, J.B., and Wu, G. (1999) Structural Characterization of the Gallosilicate TsG-1, K10Ga10Si22O64·5H2O, with the CGS framework topology. *NSLS Activity Report 1999*.

Lee, Y., Kim, S.-J., and Parise, J.B. (1999) Synthesis and Crystal Structures of Gallium- and Germanium-variants of the Fibrous Zeolites with the NAT, EDI and THO structure types. *NSLS Activity Report 1999*.

Lee, Y., Johnson, G.M., Tripathi, A., and Parise, J.B. (1999) Structural Studies of Hydrated Germanium X Type Zeolite via Rietveld Analysis of Synchrotron Powder X-ray Diffraction Data. *NSLS Activity Report 1999*.

Tripathi, A., Parise, J.B., Kim, S.J., **Lee, Y.**, Johnson, G.M., and Uh, Y.S. (in prep.) Structural changes in the Na- and K- form of aluminogermanate GIS induced by cation site ordering.

Liu, J., Zhang, J., Flesch, L.M., Li, B., Weidner, D.J., and Liebermann, R.C. (1999) Thermal Equation of State of Stishovite. *Physics of the Earth and Planetary Interiors* 112: 257-266.

Liu, J., Chen, G., Gwanmesia, G.D., and Liebermann, R.C. (1999/submitted) Elastic wave velocities of pyrope-majorite garnets (Py62Mj38 and Py50Mj50) to 9 Gpa. *Phys. Earth Planet. Interiors*.

Gwanmesia, G.D., **Liu, J.**, Chen, G., Kesson, S., Rigden, S.M., and Liebermann, R.C. (1999) Elasticity of the pyrope (Mg3Al2Si3O12)-majorite (MgSiO3) garnets solid solution. *Phys. Chem. Minerals*.

Liu, J., Gwanmesia, G.D., Chen, G., and Liebermann, R.C. (1999) Elastic wave velocities of Pyrope-Majorite Garnets. *EOS, Trans. Amer. Geophys. Un.*, 80: S220.

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

- Becker, M.L.**, Cole, Jennifer, Hurowitz, J. (2000) Attended meeting of the *Northeastern Section of the Geological Society of America*. New Brunswick, New Jersey.
- Becker, M.L.** (2000) Applications of the U-Pb system for dating the sedimentary record. Oxford University, England.
- Becker, M.L.**, and Rasbury, T. (1999) Attended a workshop sponsored by the *National Association of Geoscience Teachers for TA Training and Instructional Opportunities for graduate students*. Denver, Colorado.
- Becker, M.L.**, Rasbury, E.T., Hanson, G.N., Nadon, G.C., Gierlowski-Kordesch, E.H. (1999) U-Pb Age of a Palustrine Limestone, Monongahela Group, Southeast Ohio: Potential for Dating Terrestrial Sections. *AAPG Annual Meeting*. San Antonio, TX.
- Dondolini, A.**, and Nekvasil, H. (1999) Phase equilibria and liquid evolution of hy-normative qz-oversaturated alkalic suites: an example from the Nandewar Volcano. *Fall Meeting of the American Geophysical Union*. San Francisco, CA.
- Flesch, L.M.**, Holt, W.E., Haines, A.J., Shen-Tu, B. (2000) Stress and Rheology of the Lithosphere: Examples in Asia and the Western United States. *AGU Spring Meeting*. Washington, DC.
- Holt, W.E., **Flesch, L.M.**, Kreemer, C., Haines, A.J. (2000) Kinematic and dynamic models of central and southeast Asia. *AGU Western Pacific Meeting*. Tokyo, Japan.
- Liebermann, R.C., **Flesch, L.M.**, Liu, J., Li, B., Gwanmesia, G.D., and Chen, G. (1999) Sound velocities of mantle minerals from simultaneous ultrasonic measurement and X-ray diffraction at high pressure and high temperature. *1999 Annual Meeting, Geological Society of America*. Denver, Colorado.
- Li, B., Liu, J. **Flesch, L.M.**, and Liebermann, R.C. (1999) Elastic properties of mantle minerals from simultaneous ultrasonic measurement and X-ray diffraction at high pressure and high temperature. *Xth General Assembly, European Union of Geosciences*, J. Conference Abstracts 4: 844. Strasbourg, France.
- Garai, J.** and Gasparik, T. (2000) Melting of San Carlos Olivine in the Presence of Diamond at 6-12 Gpa. *EOS Transactions, AGU, 81 (19) Spring Meeting Supplement, 54*.
- Hurwitz, J.** (2000) Neodymium Isotopic Evolution of the Eastern Margin of Laurentia: From Rifting to the Taconic Orogeny. *Northeastern Section of the Geological Society of America*. New Brunswick, NJ.
- Black, John, Davis, D., **Klein, E.**, and Sirkin, L. Geology of Ditch Plains and Hither Hills, field trip sponsored by *Long Island Geologists*.
- Kreemer, C.**, Holt, W.E., Blewitt, G., Haines, A.J. (1999) A self-consistent global strain rate field inferred from space geodetic techniques and seismic moment tensors. *GPS9*. Tsukuba, Japan.
- Kreemer, C.** (2000) GPSVEL and the International Lithosphere Project: global strain rate tensor field. *GPSVEL Working Group Meeting, UNAVCO Annual Meeting*. San Diego, California.
- Kreemer, C.**, Holt, W.E., Haines, A.J. (2000) A global strain rate model: perspectives for small and large-scale kinematic modeling. *AGU Spring Meeting*. Washington, DC.
- Holt, W.E., **Kreemer, C.**, Haines, A.J. (2000) Global distributions of earthquake moment rates: comparisons with model moment rates inferred from a global strain rate model. *AGU Spring Meeting*. Washington, DC.
- Holt, W.E., Flesch, L.M., **Kreemer, C.**, Haines, A.J. (2000) Kinematic and dynamic models of central and southeast Asia. *AGU Western Pacific Meeting*. Tokyo, Japan.
- Lee, Y.**, Kim, S.-J., Wu, G., Cox, D.E., Hanson, J.C., and Parise, J.B. (1999) Structural studies of Sr²⁺ exchange into TsG-1 with the CGS framework topology. *National Synchrotron Light Source (NSLS) Annual User Meeting*. Upton, NY.

- Lee, Y.**, Jones, G.A., Hanson, J.C., Freitag, A., Parise, J.B., Larese, J.Z., Corbin, D.R., and Kahlenberg, V. (2000) Temperature- and Humidity-Dependent Cation Relocation in Zeolites: Pb-RHO. *American Crystallographic Association (ACA) Annual Meeting*, Abstract #P112. St. Paul, MN.
- Li, B., **Liu, J.**, Flesch, L., and Liebermann, R.C. (1999) Elastic properties of mantle minerals from simultaneous ultrasonic measurement and X-ray diffraction at high pressure and high temperature. *Xth General Assembly, European Union of Geosciences*, J. Conference Abstracts 4, 844. Strasbourg, France.
- Gwanmesia, G.D., Li, B., **Liu, J.**, Chen, G., and Liebermann, R.C. (1999) Simultaneous ultrasonic measurements and X-ray diffraction at high pressure and temperature for majorite garnet. *IUGG 99 General Assembly*. Birmingham, England.
- Liu, J.**, Gwanmesia, G.D., Li, B., and Liebermann, R.C. (1999) Elasticity of pyrope-majorite garnets at simultaneous high P and T using ultrasonic interferometry in conjunction with synchrotron X-radiation. *Proceedings of International Conference - AIRAPT-16 - on High Pressure Science and Technology*, p. 342. Honolulu, Hawaii.
- Liebermann, R.C., Flesch, L., **Liu, J.**, Li, B., Gwanmesia, G.D., and Chen, G. (1999) Sound velocities of mantle minerals from simultaneous ultrasonic measurement and X-ray diffraction at high pressure and high temperature. *1999 Annual Meeting, Geological Society of America*. Denver, Colorado
- Liu, Yun**, and Nekvasil, H. (1999) The effect of the Al-O-Si bond angle on calculated ²⁷Al NMR resonances of F-bearing species in fluoridated aluminosilicate glasses. *Fall Meeting of the American Geophysical Union*. San Francisco, CA.
- Raterron, P., **Wu, Y.** and Weidner, D.J. (1999) Olivine plastic instability as an alternative process for deep focus earthquakes? TEM investigation of high pressure olivine samples exhibiting stress instabilities above 400°C. *Fall Meeting of the American Geophysical Union*. San Francisco, CA.
- Vajdova, V.**, Baud, P., and Wong, T.-F. (1999) Compaction, dilatancy and failure mode in Indiana limestone. *Fall Meeting of the American Geophysical Union*. San Francisco, CA.

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

- Bebie, Joakim.** (1999) Post-doctorate. *Geophysical Lab.*, Washington, DC.
- Cahill, Christopher.** (1999) Post-doctorate. *Notre Dame University*.
- Holt (Rasbury), Troy.** (1999) Assistant Professor. Department of Geosciences, *SUNY at Stony Brook*, Stony Brook, NY.
- Lu, Fenghu.** (1999) Research Assistant. Department of Geosciences, *SUNY at Stony Brook*, Stony Brook, NY.
- McDaniel, Diane.** (1999) Post-doctorate. *Los Alamos National Laboratory*.
- McDaniel, Diane.** (1999) Post-doctorate. *University of Maryland*.
- Park, J.-H.** (1999) Post-doctorate. *Chemistry Department*, Ohio State University.
- Shen-tu, Bingming.** (1999) Post-doctorate. *Purdue University*, Purdue, IN.

❖ **Other**

- Becker, M.L.** Taught a lab for the STEP program entitled *Grain Size Analysis of Long Island Soils* for students from 7th to 9th grades and 10th to 12th grades. Long Island, NY.
- Schuchman, P.** (1999/2000) Supervised students from Brentwood High School for an enrichment course for 1 credit for *GEO 101, Environmental Geology*.

HISPANIC LANGUAGES AND LITERATURE

GRADUATE DIRECTOR: VICTORIANO RONCERO-LOPEZ
DEPARTMENT CHAIR: LOU CHARNON-DEUTSCH

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

Balseca, Fernando. (1999) Medardo Ángel Silva y el modernismo periférico en Ecuador. *IV Jornadas Andinas de Literatura Latinoamericana, JALLA*. Cusco, Perú.

Queipo-Pérez, Paula. (2000) El Cid de Huidobro: la actualización de un clásico. *Texts in Transit: Cultural Crossings, The Ninth Annual Columbia-NYU Graduate Conference on Spanish and Portuguese Literatures*. New York, NY.

HISTORY

GRADUATE DIRECTOR: KATHLEEN WILSON
DEPARTMENT CHAIR: GARY MARKER

❖ Grants, Fellowships, and Awards

- Alvarez-Calderon, Annalyda.** (2000-2001) SSRC/ACLS International Dissertation Field Research Fellowship. *Andrew W. Mellon Foundation.*
- Aquino, Hilary.** (2000) Phillips Fund for Native American Research, \$1500. *American Philosophical Society, Philadelphia, PA.*
- BenAicha, Hedi.** (2000-2001) American Institute of Maghrib Studies Fellowship to conduct research in France and Tunisia, \$15,000.
- BenAicha, Hedi.** (2000-2001) Dissertation Research Grant. *SSRC, Near and Middle East Section.*
- Cleaton, Christin.** (Summer 2000) Andrew W. Mellon Summer Travel Grant in Latin American History, \$2,000. *Andrew W. Mellon Foundation.*
- Fea, John.** (2000) Nominee, Alfred F. Driscoll Award for Best Dissertation in New Jersey History, \$1000. *New Jersey Historical Commission, Trenton, NJ.*
- Fernandez, Kenia.** (Summer 2000) Andrew W. Mellon Summer Travel Grant in Latin American History, \$2,000. *Andrew W. Mellon Foundation.*
- Fuchs, Steven.** (2000) Graduate Council Commendation for Excellence in Teaching by a Graduate Student.
- Gangloff, Amy.** (2000) President's Award for Excellence in Teaching by a Graduate Student.
- Garguin, Enrique.** (Summer 2000) Andrew W. Mellon Summer Travel Grant in Latin American History \$2,000. *Andrew W. Mellon Foundation.*
- Genova, James.** (2000) President's Award for Distinguished Doctoral Students.
- Genova, James.** (2000) Fred Weinstein Award for Best Dissertation Chapter.
- Gumienny, Kevin.** (2000-2001) Research Fellowship from the McNeil Center for Early American Studies. Philadelphia, PA.
- Gumienny, Kevin.** (1999-2000) Andrew W. Mellon Foundation Fellowship, \$1900. *The American Philosophical Society, Philadelphia, PA.*
- Gumienny, Kevin.** (1999-2000) Andrew W. Mellon Foundation Fellowship, \$1500. *The Library Company of Philadelphia, Philadelphia, PA.*
- Kahr, Christina.** (1999) Andrew W. Mellon Fellowship in Latin American History to conduct research for three years. *Andrew W. Mellon Foundation.*
- Krysko, Michael A.** (1999-2000) National Science Foundation Doctoral Dissertation Improvement Grant, \$12,000. *National Science Foundation, Washington, D.C.*
- O'Connor, David.** (2000) Graduate Council Commendation for Distinguished Doctoral Students.
- Robinson-Dunn, Diane.** (2000) Graduate Council Commendation for Distinguished Doctoral Students.
- Walton-Schafer, Anahi.** (2000-2001) Rockefeller Fellowship to conduct dissertation research on Social Sciences, Modernization and Democracy in Argentina.

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

- Aquino, Hilary.** (1999) Review of Theresa DeLeane O'Neill's "Disciplined Hearts: History, Identity, and Depression in an American Indian Community." *American Indian Quarterly* 22: 552:554.
- Coello de la Rosa, Alexandre.** (2000) El Barro de Cristo. Entre la Corona y el Evangelio en el Perú Virreinal (1568-1581). *Universitat Autònoma de Barcelona, Servei de Publicacions d'Antropologia Social*, Barcelona.
- Fea, John.** (in press) Wheelock's World: Letter Writing and the Communication of Revival in Eighteenth Century New England. Proceedings of the *American Antiquarian Society* Vol. 109: 2.
- Fea, John.** (1999) Francis Edward Clark. *American National Biography*. John A. Garraty and Mark Carnes, Eds. New York: Oxford University Press.
- Fea, John.** Review of John Wigger's "Taking Heaven by Storm: Methodism and the Rise of Popular Christianity in America." *Southern Historian: A Journal of Southern History* Vol. 21.
- Fea, John.** (1999) Samuel Carrick. *American National Biography*. John A. Garraty and Mark C. Carnes, Eds. New York: Oxford University Press.
- Fea, John.** Samuel Finley versus Abel Morgan: Revivalism, Denominational Identity, and an Eighteenth-Century Sacramental Debate in Cape May, New Jersey. *New Jersey History* Vol. 117: 3-4.
- Fea, John.** (1999) William E. Blackstone. *American National Biography*. John A. Garraty and Mark C. Carnes Eds. New York: Oxford University Press.
- Vihlen, Elizabeth.** (2000) Jammin on the Champs Elysees: Jazz, France and the 1950s. *Here, There and Everywhere: The Foreign Politics of American Popular Culture*. R. Wagnleitner and E. Tyler May, Eds. Hanover: University Press of New England.
- Zaccarini, Maria.** (1999) *The Sino-American Friendship as Tradition and Challenge: Dr. Ailie Gale in China, 1908-1950*. Lehigh University Press.

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

- Blake, Stanley.** (2000) Negotiated Health: Social Medicine and Public Health in Peru, 1920-1950. *The Medicalization of Nordestinos, 1925-1940*. SUNY at Stony Brook, Stony Brook, NY.
- Cleaton, Christin.** (1999) Language Instruction in New Spain: The Debates over Instruction of Latin, Castilian and Nahuatl in Colonial Mexico. *McNeil Center for Studies of the Early Americas, Speaking in Signs: Culture of Communication*. University of Pennsylvania, Philadelphia, PA.
- Coello de la Rosa, Alexandre.** (2000) Rethinking the New World's Nature: Wonder and Exoticism in Gonzalo Fernández de Oviedo. *Lucero. A Graduate Student Journal at Berkeley University*. University of California at Berkeley.
- Coello de la Rosa, Alexandre.** (2000) La epistemología evolucionista, ¿objetiva o construída?. *Texts in Transit*, Ninth Graduate Conference of the Department of Spanish and Portuguese. Columbia University, New York.
- Fea, John.** (1999) A Rural Enlightenment: Presbyterian Community in Eighteenth-Century Southern New Jersey. *McNeil Center for Early American Studies Seminar*. University of Pennsylvania, Philadelphia, PA
- Fea, John.** (1999) Communicating Across the Cultural Divide (Session Chair). *Speaking in Signs: Cultures of Communication in the Early Modern Americas*, Graduate Student Conference. McNeil Center for Early American Studies, University of Pennsylvania, Philadelphia, PA.
- Fea, John.** (2000) Presbyterian Sociability and the Moral Improvement of the Delaware Valley Countryside, 1765-1775. *2000 Deerfield/Wellesley Symposium on American Culture: The Pursuit of Refinement in America*. Deerfield, MA.

- Fea, John.** (2000) The "Ubiquitarians" of West Jersey: Rural Protestantism and the Problem of Denominational order in the Early Delaware Valley. *Winter Meeting of American Society of Church History*. Chicago, IL.
- Fuchs, Steven.** (1999) Feeding the Japanese: SCAP's Food Policy and its Implications for Japan's Economic Recovery. *Twenty-Fifth Annual Society for Historians of American Foreign Relations Conference*. Princeton University, NJ.
- Fuchs, Steven.** (2000) Shaping the Postwar World: The Impact of the 1930s and the Wartime Experience on American Planning for the Occupation of Japan. *Siena College World War II Conference*. Siena College, NY.
- Fuchs, Steven.** (2000) The Trade Agreements Act, Agricultural Assistance and Public Law 480: Understanding the Occupation of Japan. *Twenty-Sixth Annual Society for Historians of American Foreign Relations Conference*. Ryerson Polytechnic University, Ontario, Canada.
- Genova, James.** (2000) The Colonization of Identity: Negotiating the Terms of Difference in French Colonial Frameworks (Panel Organizer). *Annual Meeting of the American Historical Association*. Chicago, IL.
- McCrea, Heather.** (2000) White Man's Medicine: Smallpox Vaccination Campaigns in Mexico's Yucatan Peninsula. *Annual Meeting of the Latin American Studies Association (LASA)*. Miami, FL.
- McCrea, Heather.** (1999) White Man's Medicine: Vaccination Campaigns, Social Control, and "Civilizing" the Yucatec Maya, 1853-1887. *Annual Meeting of the New England Council of Latin American Studies (NECLAS)*. Yale University, New Haven, CT
- McCrea, Heather.** Disease, Public Health, and Identity in Latin America (Panel Organizer). *Annual Meeting of the Latin American Studies Association (LASA)*. Miami, FL.
- Taipale, Susanna.** (1999) The Angels of Mercy: The Vietnam Era Nurse Recruitment Advertisements. *History of Nursing Conference*. Boston, MA.
- Taipale, Susanna.** (2000) The Nurse as a Challenge to the Traditional Warrior Statue. *Third National Conference on Women and Historical Preservation*. Washington, DC.

❖ Post-Doctorates Obtained and Professional Appointments

- Barnhart, William.** (Ph.D. 1997) Assistant Professor. *Caldwell College*, NJ.
- Beal, Thomas.** (Ph.D. 1997) Assistant Professor. *SUNY at Oneonta*, Oneonta, NY.
- Fea, John.** (2000-2002) Lecturer. Department of History, *Valparaiso University*, Valparaiso, IN.
- Fea, John.** (2000-2002) Lilly Fellow in the Arts and Humanities. Christ's Honors College, *Valparaiso University*, Valparaiso, IN.
- Franks, Julie.** (Ph.D. 1997) Senior Research Associate. *Columbia University Presbyterian and Harlem Hospital*.
- Friskin, Amanda.** (1999) Visiting Assistant Professor. - American Studies Department, *SUNY College at Old Westbury*, Westbury, NY.
- Osorio, Alejandra** Associate Director of the Center for Latin American Studies. *University of Florida*, Gainesville, FL.
- Zaccarini, Maria.** (Ph.D. 1998) Visiting Assistant Professor. *Adelphi University*, Garden City, NY.
- Zhu, Lisheng.** (Ph.D. 1996) Assistant Professor. *Loras College*, Dubuque, IA.

LINGUISTICS

GRADUATE DIRECTORS: FRANK ANSHEN AND MARIE HUFFMAN
DEPARTMENT CHAIR: RICHARD LARSON

❖ Grants, Fellowships, and Awards

Brenier, Jason. (2000) Summer Institute Fellowship, \$500. *Ohio State University*, Columbus, OH.

Chen, Yiya. (2000) Excellence in Teaching by a Graduate Student, \$500. *SUNY at Stony Brook*, Stony Brook, NY.

Chen, Yiya. (2000) Summer Institute Fellowship, \$500. *Ohio State University*, Columbus, OH.

de Cuba, Carlos. (1999) W. Burghart Turner Fellowship, \$14,000. *SUNY at Stony Brook*, Stony Brook, NY.

Ürögdi, Barbara (1999) Soros Foundation Study Abroad Fellowship, \$3000. *George Soros Foundation*, Budapest, Hungary.

❖ Singly Authored Publications/Research Reports/Reviews

Citko, Barbara (in press) Reconstruction and Relatives. *University of Pennsylvania Working Papers in Linguistics 7:1. Proceedings of the 24th Annual Penn Linguistics Colloquium*. Philadelphia, Pennsylvania: University of Pennsylvania.

Citko, Barbara (1999) Light-Headed Relatives. *University of Pennsylvania Working Papers in Linguistics 6:1. Proceedings of the 23rd Annual Penn Linguistics Colloquium*. J. Alexander, N.R. Han, M.M. Fox, Eds. Philadelphia, Pennsylvania: University of Pennsylvania.

Cho, Christine Sungeun. (2000) Case-checking in Measure Adverbials. *Harvard Studies in Korean Linguistics VII*. Harvard, MA.

Takahashi, Naoko. (1999) A New Model of Second Language Acquisition: Cognitive Perspectives. *Proceedings of The 2nd International Conference on Cognitive Science and the 16th Annual Meeting of the Japanese Cognitive Science Society Joint Meeting*.

Vassilieva, Masha. (in press) How Russian Commits Comitatives. *IX Annual Workshop on the Formal Approaches to Slavic Linguistics Proceedings*.

Yamakido, Hiroko. (in press) Japanese Attributive Adjectives are (not) All Relative Clauses. *WCFFL 19 Proceedings*.

❖ Jointly Authored Publications/Research Reports/Reviews

Larson, Richard and **Cho, Christine Sungeun.** (1999) Temporal Adjectives and the Structure of DPs. *WCFFL 18 Proceedings*.

Chen, Yiya and He, A. (in press) Re-examining "dui-bu-dui:" Evidence from Chinese Classroom Discourse. *Journal of Pragmatics*.

Chen, Yiya and Basri, H. (in press) When Harmony Meets Reduplication in Selayarese. *Seventh Annual Meeting of Austronesian Formal Linguistics Association Proceedings*.

Citko, Barbara and Bailyn, J. (1999) Case and Agreement in Slavic Predicates. *Formal Approaches to Slavic Linguistics: The Seattle Meeting*. K. Dziwerek, H. Coates, C. Vakareliyska, Eds. Ann Arbor, Michigan: Slavic Publications.

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

- Borroff, Marianne L.** (2000) Degree Phrase Inversion in the Scope of Negation. *The 76th Annual Meeting of the Linguistics Society of America*. Chicago, IL.
- Basri, Hasan and **Chen, Yiya.** (2000) Identity Effects in Selayarese Vowel Harmony. *The First Annual SUNY/CUNY Mini-Conference*. CUNY Graduate Center, New York, NY.
- Chen, Yiya.** (2000) Contrastive Focus in Beijing Mandarin: Evidence from One-syllable Constituents. *The 13th North American Conference of Chinese Linguistics*. San Diego State University, San Diego, CA.
- Cho, Christine Sungeun.** (2000) Two Forms of Case Agreement in Korean. *Department of Linguistics Colloquium Series*. Cornell University, Ithaca, NY.
- Cho, Christine Sungeun.** (2000) Korean Accusative Adverbials. *The 76th Annual Meeting of the Linguistics Society of America*. Chicago, IL.
- Cho, Christine Sungeun.** (2000) Floating Quantifiers in Korean. *The First Annual CUNY/SUNY Linguistics Mini-Conference*. CUNY Graduate Center, New York, NY.
- Citko, Barbara** (2000) Reconstruction and the Structure of Free Relatives. *CUNY Graduate Center Syntax Supper Series*. CUNY Graduate Center, New York, NY.
- Citko, Barbara** (2000) A Multi-Dimensional Approach to Free Relatives. *University of Maryland Department of Linguistics Colloquium Series*. College Park, MD.
- Citko, Barbara** (2000) Implications of (Dynamic) Antisymmetry for the Analysis of (Free) Relatives. *Antisymmetry Workshop*. Cortona, Italy.
- Citko, Barbara** (2000) On Slavic Concessive Conditionals. *IX Annual Workshop on the Formal Approaches to Slavic Linguistics*. University of Indiana, Bloomington, IN.
- Citko, Barbara** (2000) (Anti)-Reconstruction Effects and the Structure of Free Relatives. *The 24th Annual Penn Linguistics Colloquium*. University of Pennsylvania, Philadelphia, PA.
- Citko, Barbara** and Grohmann, K. (2000) The (Non)-Uniqueness of Multiple WH-Fronting: German = Bulgarian. *IX Annual Workshop on the Formal Approaches to Slavic Linguistics*. University of Indiana, Bloomington, IN.
- Citko, Barbara** and Grohmann, K. (2000) A New Argument in Favor of a Syntactic Focus Projection. *23rd Annual Generative Linguistics in the Old World Conference*. Bilbao, Spain.
- Citko, Barbara** (2000) Slavic Subjunctive Free Relatives as Concessive Conditionals. *The 76th Annual Meeting of the Linguistics Society of America*. Chicago, IL.
- Kappus, Martin.** (2000) Another Analysis of Focus in Kirundi: Arguments for a Focus Shell. *The First Annual SUNY/CUNY Linguistics Mini-Conference*. CUNY Graduate Center, New York, NY.
- Scott, Tanya.** (2000) Secondary Stress in Czech. *The First Annual SUNY/CUNY Linguistics Mini-Conference*. CUNY Graduate Center, New York, NY.
- Sumner, Meghan.** (2000) Vowels as onsets in Spanish. *The 76th Annual Meeting of the Linguistics Society of America*. Chicago, IL.
- Takahashi, Naoko.** (2000) Working Memory and SLA: Acquisition of the Particle –o in Japanese: A Case Study. *The First Annual SUNY/CUNY Linguistics Mini-Conference*. CUNY Graduate Center, New York, NY.
- Takahashi, Naoko** and Brownworth, B. (2000) Long-term Culture Shock: ESL Perspectives. *Multilingual Multicultural Studies Brown Bag Colloquium Series*. New York University, New York, NY.

- Takahashi, Naoko.** (1999) A new Model of Second Language Acquisition: Cognitive Perspectives. *The 2nd International Conference on Cognitive Science and The 16th Annual Meeting of the Japanese Cognitive Science Society Joint Conference*. International Conference Center, Waseda University, Tokyo, Japan.
- Tamberino, Elyse.** (2000) Markedness and Wellformedness Effects on Unfooted Syllables in Children's Speech. *The 76th Annual Meeting of the Linguistics Society of America*. Chicago, IL.
- Vassilieva, Masha.** (2000) Does 'We' Mean 'I' in Russian? *The First Annual SUNY/CUNY Linguistics Mini-Conference*. CUNY Graduate Center, New York, NY.
- Vassilieva, Masha.** (1999) How Russian Commits Comitatives. *IX Annual Workshop on the Formal Approaches to Slavic Linguistics*. University of Indiana, Bloomington, IN.
- Williams, Maurice.** (2000) Case Assignment and the Postpredicate DP in English Nominal Extraposition Constructions. *The First Annual SUNY/CUNY Linguistics Mini-Conference*. CUNY Graduate Center, New York, NY.
- Yamakido, Hiroko.** (2000) Japanese Attributive Adjectives are (Not) All Relative Clauses. *The 76th Annual Meeting of the Linguistics Society of America*. Chicago, IL.
- Yamakido, Hiroko.** (2000) Japanese Attributive Adjectives are (Not) All Relative Clauses. *The 19th West Coast Conference on Formal Linguistics*. UCLA, Los Angeles, CA.

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

- Kappus, Martin.** (2000) Language Technology Expert. *TRADOS*, Stuttgart, Germany.
- Sumner, Meghan.** (1999) Visiting Lecturer. Department of English, *Central Connecticut State University*, New Britain, CT.

MANAGEMENT and POLICY

GRADUATE DIRECTOR: JEFF CASEY
DEPARTMENT CHAIR: TOM SEXTON

❖ Internship Appointments

- Allopenna, Philip.** (1999) Summer Internship. *Atlas Air, Inc.*, Jamaica, NY.
- Bhangao, Amarinder.** (1999) Summer Internship. *M&T Bank*, Coram, NY.
- Cassar, Thomas.** (1999) Summer Internship. *Ergonomic Technologies Corp.*, Oyster Bay, NY.
- Chang, Julie.** (1999) Summer Internship. *OSI Pharmacy*, Uniondale, NY.
- Chen, Hsin-Chieh.** (1999) Summer Internship. *THE 123-Taiwan.com*, Taipei, Taiwan.
- Cheng, Powen.** (1999) Summer Internship. *City Of NY, Dept Of Health*, New York, NY.
- Chuu, Chih-Chiang (John).** (1999) Summer Internship. *Gruntal & Co.*, Syosset, NY.
- Crafa, Robert.** (1999) Summer Internship. *J. Ottman Consulting*, New York, NY.
- Esposito, Michelle.** (1999) Summer Internship. *Bally's Total Fitness*, Copiague, NY.
- Fahey, Edward.** (1999) Adjunct Professor. Human Resource Management Class, *Harriman Business*, Stony Brook, NY.
- Goldman, Ira.** (2000) Internship. *Six Sigma Quality Greenbelt Project*, Examining the Process by which Chiropractic Fee Schedules are Determined for a Managed Care Organ.
- Hong, Chia-Chi.** (1999) Summer Internship. *World Marketing Alliance*, Jersey City, NJ.
- Hwang, Solomon.** (1999) Summer Internship. *My Kitchen Healthy Food*, Syosset, NY. .
- Jebrail, Khaled.** (1999) Summer Internship. *Quantum Research & Technologies*, Stony Brook, NY.
- Ko, Taeseog.** (1999) Summer Internship. *LI State Veterans Home*, Stony Brook, NY.
- Lai, Yi-Fern (Tiffany).** (1999) Summer Campus Residence. *SUNY at Stony Brook*, Stony Brook, NY.
- Liao, Wei-Lan.** (1999) Summer Internship. *Aurora Corp.*, Taipei, Taiwan.
- Little, Jovanna.** (Fall, 1999) Internship. *Stony Brook Foundation*, Stony Brook, NY.
- Liu, Yenjiun.** (1999) Summer Internship. *World Marketing Alliance*, Jersey City, NJ.
- Mc Kenzie, Sheldon.** (1999) Summer Campus Residence. *SUNY at Stony Brook*, Stony Brook, NY.
- Mete, Petek.** (1999) Summer Internship. *Magister International Trading*, New York, NY.
- Munnich, John Paul.** (Spring, 1999) Internship. *Aetna US Healthcare*, Uniondale, NY.
- Nagi, Motte.** (1999) Summer Internship. *NYC Office of Management & Budget*, New York, NY.
- Perodin, Patrick.** (1999) Summer Internship. *Southampton Hospital of Peconic Health Corp.*, Southampton, NY.
- Proctor, Vernon.** (1999) Summer Internship. Dept. of Preventive Medicine, School of Medicine, *SUNY at Stony Brook*, Stony Brook, NY
- Tai, Yu-Kang.** (1999) Summer Internship. *Cathay Life Insurance Co.*, Taipei, Taiwan.
- Wang, Jin.** (1999) Summer Internship. *Citibank*, Plainview, NY.
- Wang, Rong.** (1999) Summer Internship. *Newsday, Information Technology Dept.*, Melville, NY.

- Wu, June.** (1999) Summer Internship. *Taipei Futures Assoc.*, Taipei, Taiwan.
- Wu, Ping-Shen.** (1999) Summer Internship. *World Marketing Alliance*, Jersey City, NJ.
- Wu, Wei-Lun.** (1999) Summer Internship. *LI State Veterans Home*, Stony Brook, NY.
- Yoon, Sung.** (1999) Summer Internship. Quality Management Dept., *Jinsung Heavy Industries*, South Korea.
- Zabihi, Soraya.** (1999) Summer Internship. *NPD Group, Inc. Product Management Div.*, Port Washington, NY.

MATERIAL SCIENCE and ENGINEERING

GRADUATE DIRECTOR: PATRICK HERLEY

DEPARTMENT CHAIR: MIKE DUDLEY

❖ Grants, Fellowships, and Awards

Pavlovic, E. Kim. (2000) Commission from the USNR as an Engineering Duty Officer.

Vasquez, Marvin J. (Fall, 1999) Department of Materials Science and Engineering Service Award.

White, Henry. (2000) Presidents Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Bliss, David F. (1999) Chapter 5: InP Bulk Crystal Growth and Characterization. *InP-Based Materials and Devices: Physics and Technology*. O. Wada and H. Hasegawa, Eds. New York: John Wiley and Sons.

Bliss, David F. (1999) Crystal growth of Substrate Materials. Annual review: *Air Force Office of Scientific Research*. Dayton Ohio.

Jin, Li. (2000) Synchrotron Topographic Studies of 3C Silicon Carbide Films Grown on Single Crystal Silicon Substrates and Twist Bonded Silicon Substrates (431-6229A). Final Report to *Mississippi State University*.

❖ Jointly Authored Publications/Research Reports/Reviews

Aranda, F., Harris, M.T., Callahan, M. J., Bailey, J. S., Suscavage, M. J., **Bliss, David F.**, Kimball, B.R., Nakashima, N. DeCristofano, B., and Rao, D.V.G.L.N. (1999) Optical Power Limiting in ZnO Crystals. *SPIE Proceedings* Vol. 3798.

Chidambaram, Devicharan, Neeraj, S., Srinivasan, Natarajan, and Rao, C.N.R. (1999) Open-Framework Zinc Phosphates Synthesized in the Presence of Structure-Directing Organic Amines. *Journal of Solid State Chemistry* Vol. 147, No. 1: 154-169.

Clayton, C.R., Halada, G.P., **Chidambaram, D.**, and Vasquez, M.J. (1999) On the Bipolar Mechanism for Chromate-Induced Repassivation of Active Sites on Chromate Conversion Coated Aluminum Alloys. *The Electrochemical Society Proceedings* Vol. 99-27: 249-257. Seo, M., MacDougall, B., Takahashi, H., and Kelly, R.G., Eds

Clayton, C.R., Halada, G.P., Vasquez, M.J., Kearns, J.R., **Chidambaram, D.** and Granata, R.D. (1999) Hydrophobicity and Structural Stability during Aging of Chromate Conversion Coatings on Al Alloys. *The Electrochemical Society Proceedings* Vol. 99-2: 290-299. Seo, M., MacDougall, B., Takahashi, H., and Kelly, R.G., Eds.

Sun, Limin and Berndt, C.C. (1999) Microdiffraction studies of plasma sprayed hydroxyapatite coatings using synchrotron radiation. *1999 National Synchrotron Light Source Activity Report*. Brookhaven National Laboratory, Upton, NY.

Sun, Limin, Berndt, C C., and Khor, Khiam Aik. (1999) Nanostructure in plasma sprayed hydroxyapatite coating. *Thermal Spray Processing of Nanoscale Materials II*: p.49-50. Berndt, C.C., Ed.

- Sun, Limin**, Berndt, C.C., Rogerio S. Lima, Ahmet Kucuk and Khor, Khiam Aik. (2000) Effects of spraying parameters on phase formation and distribution in plasma sprayed hydroxyapatite coatings. *International Thermal Spray Conference 2000*- Berndt C.C., Ed. ITSC200: Montreal, Canada.
- Sun, Limin**, Berndt, C.C., Kucuk, Ahmet, Lima, Rogerio S., and Khor, Khiam Aik. (2000) Surface characterization of plasma sprayed hydroxyapatite coatings. Accepted and to be published by the *24th Annual Cocoa Beach Conference and Exposition*. Cocoa Beach, FL.
- Clayton, C.R., Halada, G.P., **Vasquez, M.J.**, Kearns, J.R., Chidambaram, D., and Granata, R.D. (1999) Hydrophobicity and Structural Stability During Aging of Chromate Conversion Coatings on Aluminum Alloys. *Passivity and Localized Corrosion An International Symposium-In Honor of Professor Norio Sato* Vol. (99-27): 290. Pennington, NJ: The Electrochemical Society.
- Clayton, C.R., Halada, G.P., Chidambaram, D., and **Vasquez, M.J.**,. (1999) On the Bipolar Mechanism for Chromate-Induced Repassivation of Active Sites on Chromate Conversion Coated Aluminum Alloys. *Passivity and Localized Corrosion An International Symposium-In Honor of Professor Norio Sato* Vol. (99-27): 249. Pennington, NJ: The Electrochemical Society.

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

- Clayton, C.R., Halada, G.P., **Chidambaram, D.**, Vasquez, M.J., and Kearns, J.R. (1999) Hydrophobicity and Structural Stability during Aging of Chromate Conversion Coatings on Aluminum Alloys abstract No. 512. *196th Meeting of the Electrochemical Society (ECS)*. Hawaii.
- Clayton, C.R., Halada, G.P., **Chidambaram, D.**, Vasquez, M.J., and Kearns, J.R. (1999) On the Bipolar Mechanism for Chromate-Induced Repassivation of Active Sites on Chromate Conversion Coated Aluminum Alloys, abstract No. 531. *196th Meeting of the Electrochemical Society (ECS)*. Hawaii.
- Chidambaram, D.**, Vasquez, M.J., Clayton, C.R., and Halada, G.P., (2000) Study of the electrochemical behavior of intermetallic particles in AA2024-T3, abstract No. 21. *197th Meeting of the Electrochemical Society (ECS)*. Toronto, Canada.
- Halada, G.P., Clayton, C.R., Vasquez, M.J., Kearns, J.R. and **Chidambaram, D.** (1999) Heterogeneity in Commercial Coating Systems for Aerospace Applications, abstract No. 615. *196th Meeting of the Electrochemical Society (ECS)*. Hawaii.
- Tan, S.Y.**, Gambino, R.J., Goswami, R., Sampath, S., Herman, H. (2000/in press) Electrical Characteristics of Thermal Sprayed Silicon Coatings. *MRS Spring 2000 Symposium V*. San Francisco, CA.
- Reddy, Srikanth.** Evaluation of Porosity by Pycnometry Using CaO-ZrO₂ plasma sprayed coatings. *International Thermal Spray Conference*.
- Reddy, Srikanth.** The Formation of Sol Based Alumina Coatings and Powders Using RF-Induction Spraying. *International Thermal Spray Conference*.
- Sun, Limin**, Berndt, C.C., and Khor, Khiam Aik. (1999) Nanostructure in plasma sprayed hydroxyapatite coating. Poster presentation, *Thermal Spray Processing of Nanoscale Materials II*. Quebec City.
- Sun, Limin**, Berndt, C.C., Lima, Rogerio S., Kucuk, Ahmet, and Khor, Khiam Aik. (2000) Effects of spraying parameters on phase formation and distribution in plasma sprayed hydroxyapatite coatings. *International Thermal Spray Conference, ASM Int.* Materials Park, OH.
- Sun, Limin**, Berndt, C.C., Kucuk, Ahmet, Lima, Rogerio S., and Khor, Khiam Aik. (2000) Surface characterization of plasma sprayed hydroxyapatite coatings. *American Ceramic Society*. Westerville, OH.
- Clayton, C.R., Halada, G.P., **Vasquez, M.J.**, Kearns, J.R., Chidambaram, D., and Granata, R.D. (1999) Hydrophobicity and Structural Stability During Aging of Chromate Conversion Coatings on Aluminum Alloys, abstract 512. *196th Electrochemical Society Meeting*. Honolulu Hawaii.

- Clayton, C.R., Halada, G.P., Chidambaram, D., and **Vasquez, M. J.** (1999) On the Bipolar Mechanism for Chromate-Induced Repassivation of Active Sites on Chromate Conversion Coated Aluminum Alloys, abstract 513. *196th Electrochemical Society Meeting*. Honolulu, Hawaii.
- Halada, G.P., Clayton, C.R., **Vasquez, M.J.**, Kearns, J.R., Chidambaram, D., and Granata, R.D. (1999) Heterogeneity in Commercial Coating Systems for Aerospace Applications, abstract No. 615. *196th Electrochemical Society Meeting*. Honolulu, Hawaii.
- Vasquez, M.J.**, Halada, G.P., Clayton, C.R. (2000) Composition of Surface Treated Thin Film Analogs of Intermetallic Constituents in AA2024-T3, abstract No. 211. *197th Electrochemical Society Meeting*. Toronto, Ontario, Canada.
- Chidambaram, D., **Vasquez, M.J.**, Clayton, C.R., and Halada, G.P. (2000) Study of the Electrochemical Behavior of Intermetallic Particles in AA2024-T3, abstract No. 212. *197th Electrochemical Society Meeting*. Toronto, Ontario, Canada.
- Vasquez, M.J.**, Halada, G.P., Clayton, C.R. (2000) Thin-Film Analogs of Intermetallic Particle Compositions in AA2024-T3, Abstract No. 211. *197th Electrochemical Society Meeting*. Toronto, Ontario, Canada.

❖ Patents

- Jafri, Ijaz H., Chandra, Mohan, White, Rick C., Gupta, Kedar, Farmer, Robert B., Jones, Bernard D., and **Bliss, David F.** (Feb./2000) *Method and Apparatus for Synthesis and Growth of Semiconductor Crystals*. Pat. # 6,019,841.
- Eng, J., Chan, J., Einthoven, W.G., Amato, J.E., **Tan, S.Y.**, LaTerza, L., Zakaluk, G.. (Feb./1999) *Semiconductor Chips Having a MESA Structure Provided by Sawing*. #5,882,986.
- Chan, J., Amato, J.E., Eng, J., Einthoven, W.G., **Tan, S.Y.**, Zakaluk, G., LaTerza, L., Eennis, G. (July/1999) *PN Junction Semiconductor Device Having an Epitaxial Layer with Graded resistivity*. EP0932205.

MOLECULAR BIOLOGY and BIOCHEMISTRY

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

❖ Grants, Fellowships, and Awards

- Govek, Eve-Ellen.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Lake, Michael.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Moloney, Daniel J.** (2000) Harry Eagle Scholar Award, Special Fellowship for Postdoctoral Research. *Albert Einstein College of Medicine, Bronx, NY.*
- Pop, Diana.** (1999) Evelyn Bonner Summer Graduate Fellowship in Molecular Biology. *SUNY at Stony Brook, Stony Brook, NY.*
- Porter, Margaret.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Rosconi, Michael.** (1999-2000) National Institute of Health Training Grant. Bethesda, MD.
- Taylor, Laura J.** (1999) Abrahams Award for Excellence in Research. *SUNY at Stony Brook, Stony Brook, NY.*
- Zhu, Haitao.** (2000) Sigma Xi Excellence in Research. *SUNY at Stony Brook, Stony Brook, NY.*

❖ Jointly Authored Publications/Research Reports/Reviews

- Rodriguez, J., **Chen, H-H.**, **Lin, S-C.**, Lazabnik, Y., Reed, J.C., Cardone, M.H., Roy, N., Stennicke, H.R., Salvesen, G.S., Franke, T., and Stanbridge, E. (2000) Caspase phosphorylation, cell death, and species variability. *Science* 287: 1363a.
- Melchor, J.P.** and Van Nostrand, W.E. (2000) Fibrillar amyloid β protein mediates the pathologic accumulation of its secreted precursor in human cerebrovascular smooth muscle cells. *J Biol. Chem.* 275: 9782-9791.
- Melchor, J.P.**, McVoy, L., and Van Nostrand, W.E. (2000) Charge alterations of E22 enhance the pathogenic properties of the amyloid β protein. *J. Neurochem.* 74: 2209-2212.
- Wagner, M., Keane, D.R., **Melchor, J.P.**, Auspaker, K.R., and Van Nostrand, W.E. (2000/in press) Fibrillar amyloid β protein binds protease nexin-2/amyloid β protein precursor: Stimulation of its inhibition of coagulation factor XIa. *Biochemistry.*
- Moloney, D.J.**, Shair, L.H., Lu, F.M., Xia, J., Locke, R., Matta, K.L., and Haltiwanger, R.S. (2000) Mammalian notch1 is modified with two unusual forms of O-linked glycosylation found on epidermal growth factor-like modules. *J. Biol. Chem.* 275: 9604-9611.
- Moloney, D.J.**, Panin, V.M., Johnston, S.H., Chen, J., Shao, L., Wilson, R., Wang, Y., Stanley, P., Irvine, K.D., Haltiwanger, R.S., and Vogt, T.F. (2000/in press) Fring is a glycosyltransferase that modifies notch. *Nature.*
- Van Nostrand, W.E. and **Porter, M.** (1999) Plasmin cleavage of the amyloid beta-protein: alteration of secondary structure and stimulation of tissue plasminogen activator activity. *Biochem.* 38(35): 11570-11576.
- Porter, M.**, Schindler, T., Kuriyan, J., and Miller, W.T. (2000) Reciprocal regulation of Hck activity by phosphorylation of Tyr(527) and Tyr(416): Effect of introducing a high affinity intramolecular SH2 ligand. *J. Biol. Chem.* 275(4): 2721-2716.

- Nguyen, J.T., **Porter, M.**, Amoui, M., Miller, W.T., Zuckermann, R.T., and Lim, W.A. (2000) Improving SH3 domain ligand selectivity using a non-natural scaffold. *Chem. Biol.* 7: 463-473.
- Rodriguez, J.**, Chen, H-H, Lin, S-C, Lazabnik, Y., Reed, J.C., Cardone, M.H., Roy, N., Stennicke, H.R., Salvesen, G.S., Franke, T., and Stanbridge, E. (2000) Caspase phosphorylation, cell death, and species variability. *Science* 287: 1363a.
- Moloney, D.J., Panin, V.M., Johnston, S.H., Chen, J., **Shao, L.**, Wilson, R., Wang, Y., Stanley, P., Irvine, K.D., Haltiwanger, R.S., and Vogt, T.F. (2000/in press) Fring is a glycosyltransferase that modifies notch. *Nature*.
- Schaley, J., O'Connor, R.J., **Taylor, L.J.**, Bar-Sagi, D., and Hearing, P. (2000) Induction of the cellular E2F-1 promoter by the adenovirus E4-6/7 protein. *J. of Virology* 74 (5): 2084-2093.
- Taylor, L.J.**, Walsh, A., Hearing, P., and Bar-Sagi, D. (2000/in press) Single cell assays for Rac activity. Meth. In *Enzymol.*
- Swarnaker, S. **Temel, R.E.**, Connelly, M.A., Azhar, S., and Williams, D.L. (1999) Scavenger receptor class B., type I (SR-BI) mediates selective uptake of low density lipoprotein cholesteryl ester. *J. Biol. Chem.* 274: 29733-29739.
- Williams, D.L., Connelly, M.A., **Temel, R.E.**, Swarnaker, S., Phillips, M.C., de la Llera-Moya, M., and Rothblat, G.H. (1999) Scavenger receptor BI (SR-BI) and cholesterol trafficking. *Curr. Opin. Lipidology* 10: 329-339.
- Rodrigueza, W.V., Thuahnai, S.T., **Temel, R.E.**, Lund-Katz, S., Phillips, M.C., and Williams, D.L. (1999) Mechanism of scavenger receptor class B type I-mediated selective uptake of cholesteryl esters from high density lipoprotein to adrenal cells. *J. Biol. Chem.* 274: 20344-20350.
- Mannick J.B., Stamler, J.S., **Teng, E.**, Simpson, N., Lawrence, J., Jordan, J., and Finberg, R.W. (1999) Nitric oxide modulates HIV-1 replication. *J. Acquir. Immune Defic. Syndr.* 22: 1-9.
- Furie, M.B., Raffanello, J.A. **Gergel, E.I.**, Lisinski, T.J., and Horb, L.D. (2000) Extracts of smokeless tobacco induce pro-inflammatory changes in cultured human vascular endothelial cells. *Immunopharm.* 47: 13-23.
- Zhu, H.**, Kavsak, P., Abdollah, S., Wrana, J.L., and Thomsen, G.H. (1999) A Smad ubiquitin ligase targets the BMP pathway and affects embryonic pattern formation. *Nature* 400: 687-693.

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

- Caputo, G.** and London, E. (2000) A proline residue in the core of a hydrophobic peptide decreases the stability of transmembrane insertion. Poster presentation at the 44th Annual Meeting of the *Biophysical Society*. New Orleans, LA.
- Melchor, J.P.** and Van Nostrand, W.E. (2000) Pathologic Interaction Between Cell-Surface Fibrillar Amyloid- β (A β) and Secreted Amyloid Precursor Protein (sAPP) on Cultured Human Cerebrovascular Smooth Muscle Cells. *Society for neuroscience 29th Annual Meeting*. Miami, FL.
- Melchor, J.P.** and Van Nostrand, W.E. (2000) Charge Alterations of E22 Enhance the Pathogenic Properties of the Amyloid- β Protein. *World Alzheimer Congress 2000*. Washington, D.C.
- Porter, M.**, Schindler, T., Uriyan, J., and Miller, W.T. (1999) Engineering an Ideal Intramolecular SH2 Binding Site for Hck: Effects on Activity and Regulation. Poster presentation at *Cold Spring Harbor Laboratory Meeting on Tyrosine Phosphorylation and Cell Signalling*. Cold Spring Harbor, NY.
- Rosconi, M.** (2000) Structure of Helices 6 and 7 of the T Domain of Diphtheria Toxin. Poster presentation at the *Biophysical Society Meeting*. New Orleans, LA.

Shen, E. and Bogenhagen, D.F. (2000) The Role of mtTFA in mtDNA Replication During "Xenopus oogenesis." *Keystone Symposium*. SantaFe, NM.

Swarnakar, S., **Temel, R.E.**, Connelly, M.A., Azhar, S., and Williams, D.L. Scavenger Receptor Class B, Type I(SR-BI) Mediates Selective Uptake of Cholesteryl Ester From Low Density Lipoprotein. Poster presentation at the 72nd *Scientific Session of the American Heart Association*. Atlanta, GA.

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

Dube, Peter. Postdoctoral Fellow. Department of Molecular Microbiology, *Washington University School of Medicine*, St. Louis, MO.

Moloney, Daniel J. Postdoctoral Fellow. Department of Cell Biology, *Albert Einstein College of Medicine*, Bronx, NY.

Yan, Qi. Postdoctoral Fellow. Department of Biochemistry and Cell Biology, *SUNY at Stony Brook*, Stony Brook, NY.

MOLECULAR MICROBIOLOGY

PROGRAM DIRECTOR: DR. PATRICK HEARING
DEPARTMENT CHAIRMAN: DR. MICHAEL HAYMAN

❖ Grants, Fellowships, and Awards

VerPlank, Lynn A. (2000) Sigma Xi Travel Award, \$100. *SUNY Stony Brook*, Stony Brook, New York.

❖ Jointly Authored Publications/Research Reports/Reviews

Orth, K., **Palmer, Lance E.**, Bao, Z.Q., Stewart, S., Rudolph, A.E., Bliska, J.B., and Dixon, J.E. (1999) Inhibition of the mitogen-activated protein kinase superfamily by a Yersinia effector. *Science* 285: 1920-3.

VerPlank, Lynn A., Agresta, B., LaGrassa, T.J., Kikonyogo, A., Leis, J., and Carter, C. (2000) Tsg101, the Prototype of a Class of Dominant-Negative Ubiquitin Regulators, Binds Human Immunodeficiency Virus Type 1 Pr55^{Gag} and Requires the L Domain. *Journal of Virology* (submitted).

Kikonyogo, A., Xiang, Y., **VerPlank, Lynn A.**, Carter, C., and Leis, J. (2000) Chicken Nedd4 and its Homologue Specifically Associate with the p2 L domain of Rous Sarcoma Virus Gag. *Journal of Virology* (submitted).

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

Colosimo, Marc E. and Katz, E. (1999) Altered Prestarvation Response in Two Dictyostelium Mutants. *The 1999 International Dictyostelium Conference*. Bar Harbor, Maine.

Evans, Jared and Hearing, P. (1999) Functional Characterization of Adenovirus E4ORF3. *Small DNA Tumor Virus Meeting*. Cambridge, England.

VerPlank, Lynn A., Agresta, B., LaGrassa, T.J., Kikonyogo, A., Leis, J., and Carter, C. (2000) The Functionally Interchangeable L Domains of HIV-1 and RSV May Direct Budding Through a Common Pathway. *Retrovirus Meeting, Cold Spring Harbor Laboratory*. Cold Spring Harbor, New York.

❖ Post-Doctorates Obtained and Professional Appointments

Colosimo, Marc. (2000) Postdoctoral Fellow. *Brandeis University*, Waltham, Massachusetts.

Zou, Lee. (1999) Postdoctoral Fellow. Department of Biochemistry, *Baylor College of Medicine*, Houston, Texas.

MUSIC

GRADUATE DIRECTOR: PETER WINKLER
DEPARTMENT CHAIR: DAVID LAWTON

❖ Grants, Fellowships, and Awards

- Bain, Jennifer.** (1999) Sarah Jane Williams Award. *International Machaut Society*.
- Berry, Mark.** (2000) Doctoral Fellowship. *Social Sciences and Humanities Research Council of Canada*.
- Cateforis, Theo.** (1999) Graduate Student Paper Award. *IASPM-U.S.*
- Cateforis, Theo.** (2000) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook, Stony Brook, NY*.
- Hanley, Jason.** (1999) Graduate Student Paper Award. *IASPM-U.S.*
- Kay, Francine.** (2000) Winner. *2000 Pro Piano competition, New York City, NY*.
- Lavin, Ann.** (2000) Fellowship. *Tanglewood Music Festival, Lenox, MA*
- Min, YooKyung.** (2000) Winner. *Washington International Violin Competition*.
- Morkoski, Molly.** (1999) Fellowship, residence with the "Ensemble Intercontemporain." *J. William Fulbright Foundation, Paris, France*.
- Regehr, Vernon.** (2000) Fellowship. *Tanglewood Music Festival, Lenox, MA*
- Sloan, Heather.** (2000) Fellowship, for study of folkloric "merengue" drumming in the Dominican Republic. *J. William Fulbright Foundation*.
- Weibel, Laurent.** (2000) Finalist. *Carl Nielsen International Violin Competition, Helsinki, Finland*.

❖ Singly Authored Publications/Research Reports/Reviews

- Bain, Jennifer.** (1999) "Guillaume de Machaut." and "Theory and Theorists: 14th Century." *Reader's Guide to Music: History, Theory and Criticism*, pp. 410-412, 728-730. Chicago: Fitzroy Dearborn.
- Berry, Mark.** (2000) "Music, Postmodernism, and George Rochberg's Third Quartet." *Postmodern Music / Postmodern Thought*. Judith Lochhead, Ed. New York and London: Garland.
- Hanley, Jason.** (2000) "Natural Born Killers: Music and Image in Postmodern Film." *Postmodern Music / Postmodern Thought*. Judith Lochhead, Ed. New York and London: Garland.
- Ngo, Xuan-Lan.** (2000) "I'd Rather Have the Blues than What I've Got: Interpreting 'Kiss Me Deadly'" *Clues*. Bowling Green State University: Popular Press.
- Shaw, Jennifer.** (2000) "Androgyny and the Eternal Feminine in Schoenberg's Oratorio 'Die Jakobsleiter.'" *Political and Religious Ideas in the Works of Arnold Schoenberg*, pp. 61-83. Charlotte M. Cross and Russell A. Berman, Eds. New York and London: Garland.
- Shaw, Jennifer.** (2000) "The Masquerade of 'Così,' or What's in a Name?" Commissioned article for the State Opera of South Australia's production of *Così fan tutte*. Australia: State Opera of South Australia.

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

- Bain, Jennifer.** (July 1999) "Approaching A and E: Cadential Progressions and Tonal Structure in the Music of Guillaume de Machaut." *3rd Triennial British Musicological Societies' Conference*. Surrey, England.
- Bain, Jennifer.** (May 1999) "Approaching A and E: Cadential Progressions and Tonal Structure in the Music of Guillaume de Machaut." *34th International Congress on Medieval Studies, International Machaut Society*. Kalamazoo, Michigan.
- Berry, Mark.** (Feb. 2000) "Music, Postmodernism, and George Rochberg's Third Quartet." *Conference on The Postmodern Inheritance*. New York University, NY.
- Cateforis, Theo.** (Oct. 1999) "Welcome to Poptopia: Power Pop and the Mining of Rock's Past." *International Association for the Study of Popular Music - U.S. Chapter*. Middle Tennessee State University, Murfreesboro.
- Hanley, Jason.** (Oct. 1999) "Neo Geo: Ryuichi Sakamoto and the Globalization of Music" *International Association for the Study of Popular Music - U.S. Chapter*. Middle Tennessee State University, Murfreesboro.
- Hanley, Jason.** (Mar. 1999) "Neo Geo: Ryuichi Sakamoto and the Globalization of Music" *International Association for the Study of Popular Music, Canadian Chapter*.
- Shaw, Jennifer.** (30 June-4 July, 1999) "Performing Version or Perversion? Mahler's Tenth Symphony and the Tyranny of Completion." *22nd National Conference of the Musicological Society of Australia*. The University of Western Australia, Perth.
- Vancil, Chris.** (2000) "Shushu, Zumzum, and Sumsum: Dana International and the Politics of the 'Other.'" *Society for Ethnomusicology, Mid-Atlantic Chapter*. New York City, NY.

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

- Cateforis, Theo.** (2000) Visiting Assistant Professor. *College of William and Mary*, Williamsburg, Virginia.
- Christenson, Brandon.** (2000) Artist Faculty. *Pennsylvania Music Academy*, Lancaster, PA.
- Cormack, Justine.** (2000) Concertmaster. *Auckland Philharmonia*, Auckland, New Zealand.
- Eckert, Stefan.** (2000) Assistant Professor, music theory. *University of Iowa*.
- Jackson, Anthea.** (2000) Member of Ariel Winds: teaching and performing residency under auspices of *Chamber Music America*, Stephenville, Texas.
- Lin, Yi-Li.** (1999) Second Clarinet. *Taipei Symphony*, Taipei, Taiwan
- Montgomery, Kip** (1999) Guest faculty. *Sarah Lawrence College*, Bronxville, N.Y.
- Roland, Tomm.** (2000) Assistant Professor (Percussion, Multi-cultural Affairs). *University of Nebraska*, Omaha, Nebraska.

❖ **Performances**

- Browder, Zoe.** (2000) "Artists International" Debut Recital. *Carnegie-Weil Recital Hall*, New York, NY.
- Hanley, Jason.** (17 Nov. 1999) "Strategy" for electronic tape. *Society for Electro Acoustic Music Conference*, Hofstra University, NY.
- Espina-Ruiz, Oskar.** (16 April 2000) "Artists International" Debut Recital. *Weil Recital Hall*, New York City.

Glancey, Gregory. (19 Feb. 2000) "Streamline" for orchestra. Gustav Meier conducting the Greater Lansing Symphony Orchestra. *Great Hall, Wharton Center*, East Lansing, MI.

Pfeiffer, Greg. (June 2000) "Second Miniature for Solo Clarinet" *June in Buffalo symposium, SUNY at Buffalo*, Buffalo, NY.

"The Furious Band," Vaillancourt, Paul, Martin, Andree, Painter, Gabrielle, Long, Kenneth, Russell, David, Meyer, Jeff, and Shuford, Gabriel. (March and May, 2000) World premieres of works by Ricardo Zohn-Muldoon, David Laing, and Brian Cherney. Concert series, *Christ & St. Stephen's Church*. New York, NY.

"The Furious Band." (July-August 2000) Residency. *Aspen Music School*.

❖ **Recordings**

"The Furious Band." (2000) *Works by Ricardo Zohn-Muldoon*. Composers Recordings, Inc.

NEUROBIOLOGY and BEHAVIOR

GRADUATE DIRECTOR: JOE FETCHO
DEPARTMENT CHAIR: LORNE MENDELL

❖ Grants, Fellowships, and Awards

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

Tong, J. (2000) Full scholarship and tuition for Neurobiology of Aging. *Marine Biology Laboratory at Woods Hole*, Massachusetts.

Venkatesan, C. (1998-2002) Individual NRSA for MD-PhD students. *National Institute of Mental Health*.

❖ Jointly Authored Publications/Research Reports/Reviews

Buckmaster, C.A., Eichenbaum, H., Amara, D.G., Rap, P.R. (1999) Unimpaired object recognition and discrimination performance in monkeys and excitotoxic lesions of the hippocampus. *Soc. Neurosci. Abstr.* 25: 88.

Lendvai, B., Stern, E.A., **Chen, B.**, Svoboda K. (2000) Experience-dependent plasticity of dendritic spines in the developing rat barrel cortex in vivo. *Nature* 2000 Apr 20 Vol. 404 (6780): 876-81.

Chen, B., Lendvai, Balazs, Nimchinsky, Esther, Burbach, Barry, Fox, Kevin, Svoboda. Karel. (submitted 2000) Imaging high-resolution structure of GFP-expressing neurons in neocortex "in vivo." *Learning & Memory* 2000.

Coburn-Litvak, P.S., Encarnacion, R, Anderson, B.J. (1999) Cell Density in Rat CA3 is Unchanged After 21 Days of Corticosterone Injections. *Soc Neurosci Abstr.* 25: 344.1

Anderson, B.J., Rapp, D., Baek, D., **Coburn-Litvak, P.S.**, McCloskey, D, Robinson, J. (in press) Exercise influences 8-arm radial maze performance. *Physiology and Behavior*.

Powers, A.S., **Coburn-Litvak, P.S.**, Evinger, C. (submitted 4/2000) A Conditioned Blink is Not a Blink. *Soc Neurosci Abstr.*

Pothakos, K., Kawashima, N., **Coburn-Litvak, P.S.**, McCloskey, D.P., Tata, D.A., Adamo, D.S., Anderson, B.J. (submitted 4/2000) Corticosterone Injections Disturb Circadian Behavioral Rhythm. *Soc Neurosci Abstr*

Creutz, L.M., and Kritzer, M.F. (submitted 5/2000) Gonadal Hormones Modulate Tyrosine Hydroxylase mRNA in Midbrain Dopamine Nuerons. Abstract, *Society for Neuroscience, 2000 Neurobiology and Behavior*.

Venkatesan, C., **Pugach, I.**, Kritzer, M.F. (2000/in press) Differential ability of tamoxifen vs. flutamide to mimic the effects of gonadectomy on catecholamine innervation in the cerebral cortex of adult male rats. *Abstract Soc. Neuroscience*.

Anderson, JS, Lampl, I., **Reichova, I.**, Carandini, M., Ferster, D. (2000) Membrane Potential Fluctuations in the Membrane Potential in the Visual Responses of Complex Cells of Cat Visual Cortex. *Nature Neuroscience* 3, 6: 617-621.

Tong, J., Hannan, F., and Zhong, Y. (1999). Biochemical dissection of NF1-regulated rutabaga-adenyl cyclase pathway in Drosophila Learning. *Soc Neurosci Abstr.* 530.2.

Venkatesan, C., and Kritzer, M.F. (1999) Perinatal gonadectomy affects corticocortical connections in motor but not visual cortex in adult male rats. *J Comp Neurol.* 415: 240-265.

Venkatesan, C., Pugach, I., Kritzer, M.F. (2000/in press) Differential ability of tamoxifen vs. flutamide to mimic the effects of gonadectomy on catecholamine innervation in the cerebral cortex of adult male rats. *Abstract Soc. Neuroscience*.

Zongming, Pan, Selyanko, A.A., Hadley, J.K., Brown, D.A., Dixon, J.E., and McKinnon, D. (submitted 2000) Alternate Splicing of KCNQ2 Potassium Channel Transcripts Contributes to the Functional Diversity of M-Currents in Rat Sympathetic Neurons. *J. of Physiology*.

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

Chen, B. Lendvai, K. Svoboda. (2000) Experience-Dependent Plasticity Of Dendritic Spines In Developing Rat Barrel Cortex "in Vivo." *Society for Neuroscience Conference*, abstract submitted. New Orleans, Louisiana.

Chen, Z.J. and Levine, J.M. (1999) Inhibition of axonal outgrowth by oligodendrocyte precursor cells: a role for the NG2 chondroitin sulfate proteoglycan. *Society for Neuroscience*. Miami, Florida.

Creutz, L.M., and Kritzer, M.F. (2000) Gonadal Hormones Modulate Tyrosine Hydroxylase mRNA in Midbrain Dopamine Nuerons. Abstract, *Society for Neuroscience, 2000 Neurobiology and Behavior*. SUNY at Stony Brook, Stony Brook, NY.

Boiko, T., Trimmer, J., Levinson, R., Matthews, G. (1999) Localization of voltage-dependent sodium in rat retina. Abstract, *Society for Neuroscience*. Miami, Florida.

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

Cox, C.L., **Reichova, I.**, Sherman, S.M. (2000) Intranuclear axon collaterals of thalamic relay cells contact other neurons in the cat lateral geniculate nucleus. *Society for Neuroscience Meeting Abstract*.

Tong, J., Guo, F.-H., and Zhong, Y. (1998) Biochemical and behavioral effects of acutely induced overexpression of b-amyloid precursor protein (APP)-like protein in Drosophila. *Soc Neurosci Abstr.* 13.6. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

Tong, J., Guo, F.-H., Hannan, F., Hacker, I., Zhong, Y. (2000) NF1-Regulated Adenylyl Cyclase Pathways In Invertebrates and Vertebrates. Abstract, *2000 NFFF International Consortium of Neurofibromatosis 1 and Neurofibromatosis 2*.

Tong, J. (1998) Neurobiology of Drosophila. Workshop, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

Ughrin, Y., and Levine, J.M. (1999) Multiple globular domains of the NG2 proteoglycan core protein mediate neurite growth Inhibition. Poster, *Society for Neuroscience Meeting*. Miami, Florida.

Ughrin, Y. (2000) Multiple globular domains of the NG2 proteoglycan core protein mediate neurite growth Inhibition. Research talk at the *Friends of Myelin Club*. Hunter College, New York, NY.

Zongming, Pan, Selyanko, A.A., Hadley, J.K., Brown, D.A., Dixon, J.E., and McKinnon, D. Alternate Splicing of KCNQ2 Potassium Channel Transcripts Contributes to the Functional Diversity of M-Currents in Rat Sympathetic Neurons. *Society for Neuroscience Conference*, abstract submitted. New Orleans, Louisiana.

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

Buckmaster, Cindy. (2000) Postdoctoral Researcher with Elisabeth A. Murray, Ph.D. Laboratory of Neuropsychology, *National Institute of Mental Health*, Bethesda, MD.

Demarest, Kristin. (2000) Postdoctoral appointment with Dr. Ben Cravatt. *The Scripps Research Institute*, San Diego, CA.

Choi, Deog-Young. (1999) Scientist. *L.G. Chem Biotech Institute*, Korea.

Kim, Sandra. (1999) Licensing Associate. Office of Technology Licensing and Industry Relations, *SUNY at Stony Brook*, Stony Brook, NY.

Patel, Nilay. (1999) Postdoctoral Associate with Dr. Caleb E Finch. Andrus Gerontology Center, *University of Southern California*.

Thaler, Christopher. (1999) Postdoctoral Associate with Dr. Paul Brehm. Department of Neurobiology and Behavior, *SUNY at Stony Brook*, Stony Brook, NY.

ORAL BIOLOGY and PATHOLOGY

GRADUATE DIRECTOR: LORNE TAICHMAN
DEPARTMENT CHAIR: ISRAEL KLEINBERG

❖ Grants, Fellowships, and Awards

Andriani, F. (July 98-June 00) Veterans Administration Fellowship in Dental Research.

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

Andriani, F., Wang, Y., Fusenig, N.E., Garlick, J. (April 2000) Epithelial-Mesenchymal Interactions Modulate Clonal Expansion in a Premalignant Epithelium. *J. Dent. Res.* 79 (IADR Abstracts No. 46). Washington, D.C.

Wang, Y., Rotem, E., **Andriani, F.,** Fusenig, N.E., Garlick, J. Smokeless Tobacco Modulates Keratinocyte and Fibroblast Growth in Organotypic Culture. *J. Dent. Res.* 79 (IADR Abstracts No. 1437). Washington, D.C.

Liu, Y., Ryan, M.E., Lee, H.M., Blyer, S., Golub, L.M. Doxycycline Directly Inhibits Non-enzymatic Glycation of Basement Membranes "in vitro." *J. Dent. Res.* 79 (IADR Abstracts No.2073). Washington, D.C.

Ramamurthy, N.S., **Liu, Y.,** Turner, G., Rifkin, B.R., Golub, L.M. (April 2000) Therapeutic Inhibition of Experimental Periodontal Breakdown in Rats: Comparison of Different Chemically-Modified Tetracyclines (CMTs). *J. Dent. Res.* 79 (IADR Abstracts No. 2074), Washington, D.C.

PATHOLOGY

GRADUATE DIRECTOR: NANCY C. REICH
DEPARTMENT CHAIR: FREDERICK MILLER

❖ Grants, Fellowships, and Awards

- Gomez, Dolores.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Hossain, Munfarah.** (1999/2000) NIGMS, National Institutes of Health Predoctoral Trainee Fellowship.
- Seandel, Marco** (2000) Travel Award. Society for *In vitro* Biology.
- Seandel, Marco.** (2000) Honor B. Fellow Award. Society for *In vitro* Biology.
- Siddiq, Mustafa.** (2000) Sigma Xi Travel Award. *SUNY at Stony Brook*, Stony Brook, NY.
- Solecki, David** (2000) President's Award to Distinguished Doctoral Students. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

- Levine, R., Yang, I-Y, **Hossain, M.**, Pandya, G., Grollman, A., and Moriya, M. (2000/in press) Mutagenesis induced by a single 1,N6-ethenodeoxyadenosine adduct. *Cancer Res.*
- Lim, S.T.**, Antonucci, D.E., Scannevin, R.H., and Trimmer, J.S. (2000) A novel targeting signal for proximal clustering of the Kv2.1 K⁺ channel in Hippocampal Neurons. *Neuron* 28: 385-397.
- Trimmer, J.S., Antonucci, D.E., Gong, B., and **Lim, S.T.** (1999) Voltage-gated Ion Channel Clustering in Cultured Hippocampal Neurons. *Society for Neuroscience Abstracts* Vol. 25(1): 395.1.

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

- Studholme, K., **Glaser, S.T.**, Deutsch, D., and Yazulla, S. Retinal. (2000) Cannabinoids: Comparative Distribution of [³H]-Anandamide Uptake and Fatty Acid Amide Hydrolase Immunoreactivity in Gold Fish Retina. Poster presentation at the *Association of Research in Vision and Ophthalmology*. Ft. Lauderdale, FL.
- Glaser, S.T.**, Howell, J.M., Kunz, J.S., Studholme, K.M., Yazulla, S.Y., Abumrad, N., and Deutsch, D. (2000) Uptake of Anandamide in Cultured Cells and Retina. Presented talk at the *International Cannabinoid Research Society*. Hunt Valley, MD.
- Lim, S.T.**, Antonucci, D.E., Scannevin, R.H., and Trimmer, J.S. (2000) Identification of a Novel Targeting Signal in the Kv2.1 K⁺ Channel Required for Proximal Dendritic Localization and Clustering in Primary Hippocampal Neurons. *Keystone Symposia*. Tahoe City, CA.
- Seandel, M.** and Quigley, J.P. (2000) Involvement of MMP Proteinase Systems and Specific Collagen Cleavage in a Quantitative Angiogenesis Model. *World Congress on In vitro Biology*.
- Seandel, M.**, Noack, K. and Quigley, J.P. (2000) Growth Factor-induced Angiogenesis in a Chick Embryo Model: Role of Matrix Metalloproteinases. In *Clinical and Experimental Manipulation of Angiogenesis*. *Keystone Symposium*.
- Siddiq, M.** and Tsirka, S. (2000) Elimination of Microglia Suggests Their Involvement in Neuronal Plasticity. Poster presentation at *IV European Meeting on Glial Cell Function in Health and Disease*. Barcelona Spain.

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

Dranovsky, Alex. Medical School. *SUNY at Stony Brook*, Stony Brook, NY.

Solecki, David. Postdoctoral Fellow. Laboratory of Developmental Neurobiology, *The Rockefeller University*, New York, NY.

PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: JOANNE ENGBRECHT
INTERIM DEPARTMENT CHAIR: DAVID WILLIAMS

❖ Grants, Fellowships, and Awards

Bell III, James. (1999) Van der Kloot Award for Excellence in Teaching in the Graduate Program in Molecular and Cellular Pharmacology, \$500.

Chen, Bin. (1999) 13th Annual Larry Sandler Award (international competition for the best thesis in the field of *Drosophila* research) presented at the 41st Annual *Drosophila Research Conference*, March 22, 2000. Pittsburgh, Pennsylvania.

Roberts, Roy. (1999) Van der Kloot Award for Excellence in Research in the Graduate Program in Molecular and Cellular Pharmacology, \$500.

❖ Jointly Authored Publications/Research Reports/Reviews

Levine, Robert L., Yang, I.-Y., Hossain, M., Pandya, G.A., Grollman, A.P., and Moriya, M. (in Press) Mutagenesis induced by a single 1, N6-ethenode oxyadenosine adduct in human cells. *Cancer Research*.

Wu, Y., Siao, C.-J., **Lu, Weiquan,** Sung, T.-C., Frohman, M.A., Milev, P., Bugge, T.H., Degen, J.L., Levine, J.M., Margolis, R.U., and Tsirka, S.E. (2000) The Tissue Plasminogen Activator (tPA)/Plasmin Extracellular Proteolytic System Regulates Seizure-induced Hippocampal Mossy Fiber Outgrowth through a Proteoglycan Substrate. *J. Cell Biol.* 148: 1295-1304.

Bogenghagen, D.F., Pinz, K.G., and **Perez-Jannotti, Romina.** (In press) Enzymology of Mitochondrial Base Excision Repair. *Nucleic Acid Research and Molecular Biology*. Academic Press: New York.

Roberts, Roy Z. and Morris, A.J. (2000/in press) Role of phosphatidic acid phosphatase 2a in uptake of extracellular lipid phosphate mediators. *Biochim. Biophys. Acta*.

Wu, Y., **Siao, Chia-Jen,** Lu, W., Sung, T.-C., Frohman, M.A., Milev, P., Bugge, T.H., Degen, J.L., Levine, J.M., Margolis, R.U., and Tsirka, S.E. (2000) The Tissue Plasminogen Activator (tPA)/Plasmin Extracellular Proteolytic System Regulates Seizure-induced Hippocampal Mossy Fiber Outgrowth through a Proteoglycan Substrate. *J. Cell Biol.* 148: 1295-1304.

Rogove, A.D., **Siao, Chia-Jen,** Key, B., Strickland, S., and Tsirka, S. (1999) Activation of microglia reveals a non-proteolytic cytokine function for tissue plasminogen activator in the central nervous system. *J. Cell Sci.* 112: 40007-4016.

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

Levine, Robert L., Yang, I.-Y., Hossain, M., Pandya, G.A., Grollman, A.P., and Moriya, M. (2000). Mutagenesis induced by a single 1,N6-ethenodeoxyadenosine adduct in human cells. *The American Association for Cancer Research Annual Meeting*. San Francisco, CA.

Lu, Weiquan, Siao, C.-J., Wu, Y-P., Sung, T.-C., Frohman, M.A., Milev, P., Bugge, T.H., Degen, J.L., Levine, J.M., Margolis, R.U., and Tsirka, S.E. (1999). The tPA/Plasmin Extracellular Proteolytic System Regulates Hippocampal Mossy Fiber Reorganization through a Novel Proteoglycan Substrate. *The 29th Annual Meeting of Neuroscience*. Miami, FL.

- Rogove, A.D., **Lu, Weiquan**, Tsirka, S.E. (2000) Kainate-induced Neuronal Cell Death in op/op Mice Points to the Presence of a Necessary and Sufficient Number of Activated Microglia. *The IV European Meeting on Glial Cell Function in Health and Disease*. Barcelona, Spain.
- Pang, Maria**. (1999) DNA Polymerase Activity of the "Drosophila" mus308 gene product. *The 39th Annual American Society for Cell Biology Meeting*, Washington, DC.
- Pang, Maria**. (2000) DNA Polymerase Activity and Developmental Regulation of the "Drosophila" mus308 gene product. *The 41st Annual Drosophila Research Conference*. Pittsburgh, PA.
- Pang, Maria**. (2000) DNA Polymerase Activity and Developmental Regulation of the "Drosophila" mus308 gene product. *The 65th Symposium: Biological Responses to DNA Damage*. Cold Spring Harbor, NY.
- Schramm, Laura**, Sun, Y., and Hernandez, N. (2000) The Identification and Functional Characterization of B@, a Subunit of TFIIB@. *The RNA Polymerase I and III Meeting*. Asilomar, CA.
- Lu, W., **Siao, Chia-Jen**, Wu, Y-P., Sung, T.-C., Frohman, M.A., Milev, P., Bugge, T.H., Degen, J.L., Levine, J.M., Margolis, R.U., and Tsirka, S.E. (1999). The tPA/Plasmin Extracellular Proteolytic System Regulates Hippocampal Mossy Fiber Reorganization through a Novel Proteoglycan Substrate. *The 29th Annual Meeting of Neuroscience*. Miami, FL.
- Smirnov, Serge**, Kool, E., and de los Santos, C. (2000). The NMR determination of the three-dimensional structure of DNA having pyrene residue: DNA duplex stability without hydrogen bonding. *The 41st Experimental NMR Conference*. Asilomar, CA.
- Yun, Suyong**, Tsirka, S, Mandel, G. and Frohman, M.A. (1999). Conditional Silencing of the Neural Transcription Factor, REST (RE1-Silencing Transcription Factor). *The 29th Annual Meeting of Neuroscience*. Miami, FL.

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

- Chen, Bin**. (Ph.D., 1999) Post-doctoral position. Dr. Susan McConnell, *Stanford University*, Stanford, CA.
- Roberts, Roy**. (Ph.D., 2000) Post-doctoral Fellow. Dr. Urs Rutishauser, *Memorial Sloan-Kettering Cancer Center*, New York, NY.

PHILOSOPHY

GRADUATE DIRECTOR: KENNETH BAYNES
DEPARTMENT CHAIR: EDWARD S. CASEY

❖ Grants, Fellowships, and Awards

- Emmer, Charles E.** (1999-00) Fellowship from the Kade Foundation, NY, \$10,000. *Transatlantic Collegium of Philosophy*, Marburg, Germany.
- Flynn, Erin.** (1999-00) University Learning Community Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Hughes, Michael.** (1999-00) Fellowship from the Kade Foundation, NY, \$10,000. *Transatlantic Collegium of Philosophy*, Marburg, Germany.
- Kirkland, Sean.** (1999-00) Fellowship from the Kade Foundation, NY, \$10,000. *Transatlantic Collegium of Philosophy*, Wuppertal, Germany.
- Sanders, Michael.** (1999-00) University Learning Community Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Sauder, Christopher.** (2000) Humanities Institute Fellowship, to attend Conference on Criticism and Theory at Cornell University, Ithaca, NY. *SUNY at Stony Brook*, Stony Brook, NY.
- Schwartzman, Lisa.** (2000) Graduate Student Travel Award, \$500. *American Philosophical Association*, Newark, Delaware.
- Smith, Aaron.** (1999-00) Tuebingen Exchange Fellowship. *University of Tuebingen*, Tuebingen, Germany.
- Smith, Andrew.** (1999-00) Graduate Council Fellowship, \$13,526. *SUNY at Stony Brook*, Stony Brook, New York.
- Wahman, Jessica.** (2000) Douglas Greenlee Prize for best paper by a graduate student or Ph.D. of less than 5 years. *Society for the Advancement of American Philosophy Annual Conference*, Indianapolis, Indiana.
- Wahman, Jessica.** (1999-00) University Learning Community Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Wahman, Jessica.** (1999) Lajla Lund Memorial Essay Prize (most creative essay). Philosophy Department, *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Johnston, Adrian.** (Summer 1999) The Object of Its Affection: Reconsidering Temporality and Object-Choice in Lacan's Theory of Sexual Difference. *The Letter*, no. 16.
- Miller, Sarah Clark.** (forthcoming 2000) The Lived Experience of Doubling: Simone de Beauvoir's Phenomenology of Old Age. *The Existential Phenomenology of Simone de Beauvoir*. Wendy O'Brien and Lester Embree, Eds. Dordrecht: Kluwer Academic Publishers.
- Mitchell, Andrew.** (1999) Being Mine. Review of Francois Raffoul, "Heidegger and the Subject." *Studies in Practical Philosophy* I:2: 233-244. Atlantic Highlands, NJ: Humanities Press.
- Sanders, Michael.** (1999) From Time to the Flesh: Levinas and Merleau-Ponty. *Philosophy Today* 43 (Supplement).

Sanders, Michael. (2000) Review: "Merleau-Ponty and the Culturing of the Body." *Chiasmi International* 2.

Schwartzman, Lisa. (in press) Liberal Abstraction and Social Inequality: A Critique of Dworkin. *Social Philosophy Today* Vol. 15.

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

Hale, Benjamin. (1999) Radical Asymmetrical Reciprocity: Human and Non-Human Animals. *Conference on Persons.* St. John's College, Santa Fe, New Mexico.

Hale, Benjamin. (1999) Individualization through Experientialization: James and Mead on Social Differentiation. *Conference for the Society for Philosophy in the Contemporary World.* Estes Park, Colorado

Hale, Benjamin. (1999) Speechless: Non-human Democratic Standing. *Science, Technology, and Environmental Policy Guest Speaker.* Princeton University, Princeton, New Jersey.

Hale, Benjamin. (1999) Radical Asymmetrical Reciprocity: Human and Non-Human Animals. *American Philosophical Association, Eastern Division Meeting.* Boston, Mass.

Miller, Sarah Clark. (2000) Nietzsche's Dancing Bodies: the Dionysian and the "New" Philosopher. Presented at Goucher College, February 10.

Miller, Sarah Clark. (1999) Valorizing Finitude: A Challenge to Beauvoir's Doubling and the Cultural Invisibility of Aging Women. Presented at *The Legacies of Simone de Beauvoir.* Pennsylvania State University, November 19-20.

Miller, Sarah Clark. (1999) Merleau-Ponty's Body and Its Sexual Being. Presented at *Merleau-Ponty and Culture.* Goucher College, November 4-6.

Nass, Sherri. (2000) The Convergence of Inner and Outer in Affective Experience. *International Association of Philosophy and Literature (IAPL).* SUNY at Stony Brook, Stony Brook, NY.

Pohlhaus, Gaile. (July, 2000) Diversity and Communication in Feminist Theory: Understanding Across Difference. Presented at the *North American Society for Social Philosophy.* Waterloo, Canada.

Sanders, Michael. (May, 2000) Conference coordinator: *Crossing Borders.* *International Association for Philosophy and Literature, 24th annual meeting.* SUNY at Stony Brook, Stony Brook, NY.

Sanders, Michael. (October 1999) From Time to the Flesh: Levinas and Merleau-Ponty. *Society for Phenomenology and Existential Philosophy.* University of Oregon, Eugene, OR.

Sanders, Michael. (November 1999) Chair: Merleau Ponty and Social Ecology. *Merleau-Ponty and the Culturing of the Body.* Goucher College, Baltimore, MD.

Schwartzman, Lisa. (2000) Inequality, Speech and Harm: A Reply to Judith Butler. *North American Society for Social Philosophy Fifteenth International Conference.* University of Waterloo, Ontario, Canada.

Schwartzman, Lisa. (2000) Hate Speech, Illocution, and Social Context: A Critique of Judith Butler. *American Philosophical Association, Pacific Division Meeting.* Albuquerque, New Mexico.

Schwartzman, Lisa. (2000) Reformulation Rights in Response to Women's Oppression: A Reply to Wendy Brown. *Department of Philosophy, Michigan State University.* East Lansing, Michigan.

Wahman, Jessica. (April, 2000) Is Consciousness-Raising Deweyan Inquiry? Commentary, Society for the Advancement of American Philosophy special graduate student session *Pacific Division of the American Philosophical Association.* Albuquerque, NM.

Wahman, Jessica. (March, 2000) Truth, Value and Education: Revisiting Rucker's Appeal to Shared Meanings. *Society for the Advancement of American Philosophy Annual Conference.* Indianapolis, Indiana,

PHYSICS and ASTRONOMY

GRADUATE DIRECTOR: PETER STEPHENS

DEPARTMENT CHAIR: JANOS KIRZ

❖ Grants, Fellowships, and Awards

Bjorndal, Lisa. David Fox Teaching Award, \$200. *SUNY at Stony Brook*, Stony Brook, NY.

Feser, M. Peter B. Kahn Fellowship, \$500. Department of Physics and Astronomy, *SUNY at Stony Brook*, Stony Brook, NY.

Grossman, J.S. Peter B. Kahn Fellowship, \$400. Department of Physics & Astronomy, *SUNY at Stony Brook*, Stony Brook, NY.

Liu, Yuan. Michelson Graduate Student fellowship, 3 years \$23,000. Jet Propulsion Lab, *NASA*, Pasadena, CA.

Mutaf, Yildirim. T.A. POND Prize, \$500. Physics and Astronomy Dept., *SUNY at Stony Brook*, Stony Brook, NY.

Nastase, Horatiu Stefan. Max Dresden Prize for best theoretical thesis in the Physics Department, \$500. Physics and Astronomy Dept., *SUNY at Stony Brook*, Stony Brook, NY.

Perebeinos, Vasili. Peter B. Kahn Fellowship, \$400. *SUNY at Stony Brook*, Stony Brook, NY.

Schwenk, Achim. Quadrille Ball Scholarship, \$2000. *Germanistic Society of America*, New York, NY.

Steiner, Andrew. Peter B. Kahn Fellowship, \$400. *SUNY at Stony Brook*, Stony Brook, NY.

Vaman, Diana. Gertrude S. Goldhaber Prize, \$1000. *Brookhaven Women in Science*, Brookhaven, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Allen, P.B., and **Aubin, S.** (2000) Surface Phonons and Other Localized Excitations. *American Journal of Physics* 68(3): 228.

Simsarian, J.E., **Aubin, S.**, Grossman, J.S., Orozco, L.A., Sprouse, G.D., and Zhao, W.Z. (1999) *Parity Violation in Atoms and Polarized Electron Scattering*, p. 312.

Berger, C.F., Schweiger, W. (2000) Hard Exclusive Photoproduction Of Mesons. *Phys. Rev. D.* 61: 114026.

Aichmayr, G., Jetter, M., Vina, L., Dickerson, J., **Camino, F.**, and Mendez, E.E. (1999) Electric-Field Tuning of Spin-Dependent Exciton-Exciton Interactions in Coupled Quantum Wells. *Physical Review Letters* 83: 2433.

Cashen, M.T., Bretin, V., and Metcalf, H. (2000) Optical Pumping in 4He^* with frequency-shifted feedback amplification of light. *Journal of the Optical Society of America B.* 17: 530

Williams, M.R., Chi, F., **Cashen, M.T.**, and Metcalf, H. (2000) Bichromatic Force Measurements Using Atomic Beam Deflections. *Physical Review A* 61: 3408.

Williams, M.R., Chi, F., **Cashen, M.T.**, and Metcalf, H. (1999) Measurement of the Bichromatic Optical Force on Rb atoms. *Physical Review A* 60: R1763.

Chang, S.-C. and Shrock, R., Exact Partition Function for the Potts Model on Strips of the Triangular Lattice. *Physica A.*

Chepelev, I., and Roiban, R. (2000) Renormalization of Quantum Field Theories on Noncommutative R^d , I. Scalars. *Journal of High Energy Physics.*

- Chepelev, I.**, and Roiban, R. (1999) A note on correlation functions in AdS₅/SYM₄ correspondence on the Coulomb branch. *Physics Letters B* .462: 74-80.
- Williams, M.R., **Chi, F.**, Cashen, M.T., and Metcalf, H. (1999) Measurement of the bichromatic optical force on Rb atoms. *physical review A*. 60: R1763.
- Paul, E.S., Bednarczyk, P., Boston, A.J., **Chiara, C.J.**, Foin, C., Fossan, D.B., Genevey, J., Gizon, A., Gizon, J., Jenkins, D.G., Kelsall, N., Kintz, N., Koike, T., LaFosse, D.R., Nolan, P.J., Nyako, B.M., Parry, C.M., Sampson, J.A., Semple, A.T., Starosta, K., Timar, J., Wadsworth, R., Wilson, A.N., and Zolnai, L. (2000) High-spin study of 128Ce and systematics of quasiparticle pair alignment. *Nucl. Phys.* (accepted).
- Smith, J.F., **Chiara, C.J.**, Fossan, D.B., Lane, G.J., Sears, J.M., Thorslund, I., Hibbert, I.M., Wadsworth, R., Lee, I.Y., and Macchiavelli, A.O. (2000) Multiple shape-driving $\nu(h11/2)^2$ and $\pi(h11/2)^2$ alignments in 120Ba. *Phys. Lett. B.* (accepted).
- LaFosse, D.R., **Chiara, C.J.**, Fossan, D.B., Lane, G.J., Sears, J.M., Smith, J.F., Starosta, K., Boston, A.J., Paul, E.S., Semple, A.T., Devlin, M., Sarantites, D.G., Lee, I.Y., Macchiavelli, A.O., Afanasjev, A.V., and Ragnarsson, I. (2000) Collective structures and band termination in 107Sb. *Phys. Rev. C* 61 (accepted).
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❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Aubin, S.**, Christe, S.D., Peker, B., and Orozco, L.A. (2000) Optical Trap with an Axicon Lens. *CLEO/QUELS 2000*. San Francisco, CA.
- Beck, Tracy L.**, Simon, M., Ghez, A.M., Prato, L., and Howell, R.R. (2000) The Near Infrared and 3 Micron Ice-Band Variability of T Tau South and Haro 6-10 North. *IAU 200 Symposium on Binary Star Formation*. Potsdam, Germany.
- Beck, Tracy L.**, and Simon, M. (2000) Infrared Variability of Young Stars. Telescope observing time at the *Wyoming Infrared Observatory and NASA's Infrared Telescope Facility*. Laramie, WY and Mauna Kea, HI.
- Burward-Hoy, Jane M.**, and Velkovska, Julia. (1999) Finding Single Electrons from a Charm Signal in PHENIX at RHIC. *Collaboration Meeting/ Heavy Flavor Physics Working Group*. Brookhaven National Laboratory, New York.
- Burward-Hoy, Jane M.** (1999) A Systematic Study of Collective Flow in Relativistic Heavy Ion Collisions. *Nuclear Theory/ Experiment Lunch Seminar*. SUNY at Stony Brook, NY.
- Cashen, M.T.**, and Metcalf, H. (2000) Observation of the Bichromatic Force on Metastable Helium. *April 2000 Meeting of the American Physical Society*. Long Beach, CA.
- Cashen, M.T.**, Bretin, V., and Metcalf, H. (2000) Optical Pumping in 4He with Frequency-Shifted Feedback Amplification of Light. *April 2000 Meeting of the American Physical Society*. Long Beach, CA.
- Bellanca, M.J., Liu, L. **Cashen, M.T.**, and Metcalf, H. (2000) Sub-Recoil Cooling with Velocity-Selective Resonances. *April 2000 Meeting of the American Physical Society*. Long Beach, CA.
- Chiara, C.J.**, Asztalos, S.J, Busse, B., Clark, R.M, Cromaz, M., Deleplanque, M.A, Diamond, R.M, Fallon, P., Fossan, D.B, Jenkins, D.G, Juutinen, S., Kelsall, N., Krucken, R., Lane, G.J, Lee, I.Y, Macchiavelli, A.O, MacLeod, R.W, Schmid, G., Sears, J.M, Smith, J.F, Stephens, F.S., Vetter, K., Wadsworth, R., and Frauendorf, S. (1999) Shears Structure in 109Cd. *Gordon Research Conference*. New Hampshire.
- Manotas, S., Agullo-Rueda, F., **Dickerson, J.**, and Mendez. E.E. (2000) A New Optical Probe of Semiconductor Microcavities. *American Physical Society March Meeting*. Minneapolis, Minnesota.
- Feser, M.** (1999) High Rate Detectors For Scanning Transmission X-ray Microscopy. *Rank Prize Funds Symposium On Soft X-ray Detectors*. Grasmere, England.
- Feser, M.** (1999) Scanning Transmission X-ray Microscopy At The NSLS. *Spectromicroscopy Workshop of the Canadian Light Source*. Saskatoon, Canada.
- Feser, M.**, Beetz, T., Carlucci-Dayton, M., and Jacobsen, C. (1999) STXM IV - The New Workhorse For Spectromicroscopy At Beamline X1A at the NSLS. *X-ray Microscopy 99 (XRM 99)*. Berkeley, California.
- Fliller III, R.P.**, Grossman, J.S., Langlois, C.T., Orozco, L.A., Pearson, M.R., and Sprouse, G.D. (2000) Isotope shifts of the $7P_{1/2}$ level in $^{209-211}\text{Fr}$. *DAMOP 2000*. Storrs, CT.
- Grossman, J.S., **Fliller III, R.P.**, Orozco, L.A., Pearson, M.R., and Sprouse, G.D. (2000) Lifetimes of the 7D excited states of francium. *DAMOP 2000*. Storrs, CT.
- Grossman, J.S.**, Aubin, S., Christe, S.D., Fliller III, R.P., Orozco, L.A., Pearson, M.R., Peker, B., and Sprouse. G.D. (1999) Francium Spectroscopy. *Gordon Research Conference on Atomic Physics*. Plymouth, NH.
- Grossman, J.S.**, Fliller III, R.P., Orozco, L.A., Pearson, M.R., and Sprouse, G.D. (2000) Lifetime measurements of the 7d levels of atomic francium. *Quantum Electronics and Laser Science Conference*. San Francisco, CA.

- Kim, J.S.** and Walter, F.M. (1999) HST/ STIS observations of V471 Tauri: Probing the extended atmosphere of K2 dwarf star. *American Astronomical Society, centennial meeting*. Chicago. IL.
- Koike, T.**, Starosta, K., Chiara, C.J, Fossan, D.B, and LaFosse, D.R. (2000) Experimental indications of chirality near A~130. *American Physical Society April Meeting*. California.
- Bellanca, M.J., **Liu, L.**, Cashen, M., and Metcalf, H.J. (2000) Sub-Recoil Cooling with Velocity Selective Resonances. *Annual Meeting of American Physical Society*. Long Beach, CA.
- Mauger, Christopher.** (1999) Multi-ring Atmospheric Neutrino Events in Super-Kamiokande. *International Cosmic Ray Conference*. Utah.
- Mocioiu, I.** (2000) Matter Effects on Neutrino Oscillations. *CIPANP2000*. Quebec, Canada.
- Mocioiu, I.** (2000) Matter Effects on Neutrino Oscillations. *Fermilab Neutrino Factory working group meeting*. Fermilab, IL.
- Mocioiu, I.** (2000) Matter Effects on Neutrino Oscillations. *From the Plank Scale to the Electroweak Scale*. Castelvecchio - Pascoli, Italy.
- Mocioiu, I.**, and Shrock, R. (1999) Matter Effects on Neutrino Oscillations. *NNN99*. Stony Brook, NY.
- Park, K.**, and Jain, J.K. (2000) Girvin - MacDonald - Platzman Collective Mode at General Filling Factors. *American Physical Society*. Minnesota.
- Park, K.** (2000) Spin Polarization of composite fermions. *American Physical Society*. Minnesota.
- Perebeinos, V.** (1999) Polarons and Self-Trapped Excitons in LaMnO₃. *ITP workshop on Quantum Magnetism in Novel Materials and Geometries*. Santa Barbara, CA.
- Perebeinos, V.** and Allen, P.B. (2000) Fanck-Condon Vibrational Broadening of Photoemission Spectra: Prediction for LaMnO₃. *APS March Meeting*. Minneapolis, MN.
- Perebeinos, V.** and Allen, P.B. (2000) ARPES of Small Polaron Bands in LaMnO₃: Predicted Behavior. *Solid-State Physics Seminar at Brookhaven National Lab*. Upton, NY.
- Pflyuk, S.**, Fillipov, T., and Semenov, V. (2000) Decimation Filter for Time-Interleaved Oversampling ADC. *Oral exam*. SUNY at Stony Brook, NY.
- Reiner, J.E.**, Smith, W.P., Foster, G.R., Orozco, L.A., Carmichael, H.J., and Rice, P.R. (2000) Time Evolution and Squeezing of the Field Amplitude in Cavity QED. *Quantum Electronics and Laser Science Conference (QELS)*. San Francisco, CA.
- Schaefer, G.**, and Peterson, D. (1999) The Elusive Yellow Supergiants in M31. *Astronomical Society of New York*. NY.
- Sherry, W.H.**, Walter, F.M., and Wolk, S. J. (1999) Searching for Clustering of Low Mass Pre-Main Sequence Stars in the Orion OB1b Sub-Association. *American Astronomical Society 194th meeting*. Chicago IL.
- Smedley, John**, Srinivasan-Rao, T., et al. (1999) Simulation, Generation, and Characterization of High Brightness Electron Source at 1 GV/ m Gradient. *1999 Particle Accelerator Conference (PAC 1999)*. New York, NY.
- Smedley, John**, Srinivasan-Rao, T., et al. (2000) Progress on High Brightness Electron Sources. *Accelerator Test Facility (ATF) Users' Meeting*. Brookhaven National Lab, NY.
- Smith, W.P.**, Foster, G.T., Reiner, J.E., Orozco, L.A., and Carmichael, H.J. (2000) Time evolution of the variance of the field amplitude in cavity QED. *CLEO/QELS 2000*. San Francisco, CA.
- Torun, Y.** (1999) Slow Pion Production from E910. *APS DNP99*. CA.
- Torun, Y.** (2000) Inclusive Pion Spectra from E910. *MUON Targetry Meeting*. NY.

Winn, B., Wang, S., Cannara, R., Clisby, N., Jacobsen, C., Kaznachejev, K., Kirz, J., Maser, J., Osanna, A., Spector, S. (1999) Progress in Soft X-Ray Microtomography on the X1A Cryo-STXM. *Sixth International Conference on X-Ray Microscopy*. Berkely, CA.

Wu, Juhao, and Hua Yu, Li. (2000) Coherent hard x-rays generation by cascading HGHG. *American Physical Society (APS) April meeting 2000*. California.

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

Nastase, Horatiu Stefan. Post-Doctorate. *Institute for Advanced Study*. Princeton, NJ.

Nikolic, Branislav. Post-Doctoral Research Fellow. *Georgetown University*. Washington DC.

Park, Inyong. Post-Doctorate. *Texas A&M university*. College Station, Texas.

Park, K. Post-Doctoral fellow. *Yale University*. New Haven, CT.

Viren, Brett. Research Associate. *Brookhaven National Laboratory*. Upton, NY.

PHYSIOLOGY and BIOPHYSICS

GRADUATE DIRECTOR: SUZANNE SCARLATA

DEPARTMENT CHAIR: PETER BRINK

❖ Grants, Fellowships, and Awards

Demazumder, D. (2000) Travel Grant Competition, \$500. *Biophysical Society*, Bethesda, Maryland.

Demazumder, D. (2000) Research Recognition Competition, \$50. *Department of Anesthesiology – SUNY at Stony Brook*, Stony Brook, New York.

Martinez-Wittinghan, F.J. (2000) Lewis A. Tyler Trustee's Fund Award, \$500. *LASPAU, Academic and Professional Programs for the Americas*, Cambridge, Massachusetts.

❖ Jointly Authored Publications/Research Reports/Reviews

Demazumder, D., and Dilger, James P. (2000) The kinetics of cis-atracurium inhibition of nicotinic acetylcholine receptors. *Biophysical Journal* 78(1): 359.

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

Provitera, Paxton, Bour, F., Murry, D., Carter, C., and Scarlata, S. (2000) Binding of Equine Infections Anemia Virus MatNx Protein to Membrane Bilayers Involves Multiple Interactions. *J. Mol. Biol.* 296(3): 887-898.

Tall, Edward G., Spector, I., Pentylala, S.N., Bitter, I., and Rebecchi, M.J. (in press) Dynamics of phosphatidylinositol 4,5-bisphosphate in actin-rich structures. *Current Biology* Vol. 10.

Kumar, C.C., **Walsh, A.B.**, and Bar-Sagi, D. (1999) SCH 51344, an Inhibitor of RAS/RAC-Mediated Cell Morphology Pathway. *Anticancer Molecules Structure, Function and Design* Vol. 886: 122-131

Taylor, L.J., **Walsh, A.B.**, Hearing, P., and Bar-Sagi, D. (in press) Single Cell Assays of Rac Activity. *Methods in Enzymology*.

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

Demazumder, D., and Dilger, James P. (2000) The kinetics of cis-atracurium inhibition of nicotinic acetylcholine receptors. *1st Annual Research Recognition Dinner*. SUNY at Stony Brook, Stony Brook, New York.

Kim, Hyun, Park, Hangil, and Lennarz, William J. (1999) Mutational Analysis of Ost4p, a 3.9 kDa Protein Subunit of Oligosaccharyltransferase. *1999 NATO Advanced Study Institute*.

Baldo, G.J. Gong, X., **Martinez-Wittinghan, F.J.** Kumar, N.M., Gilula, N.B., and Mathias, R.T. (2000) Gap Junctional Coupling in Mouse Lenses Lackin either α_3 or α_8 Connexin. *Biophysical Society Meeting, 44th Annual Meeting*. New Orleans, Louisiana.

Provitera, Paxton, Murry, D., Carter, C., and Scarlata, S. (1999) Membrane Binding and Oligomerization of EIAV Matrix Protein. *Biophysical Society Conference*. Baltimore, MD.

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

Tall, Edward G., Pentyala, S.N., Scarlata, S., and Rebecchi, M.J. (2000) Polyphosphoinositide Distribution and Dynamics in Living Cells: Evidence for Lateral Segregation of Phosphatidylinositol 4,5-Bisphosphate. *Biophysical Society 44th annual meeting*. New Orleans, LA.

Tall, Edward G., Pentyala, S.N., Bitter, I., Spector, I., and Rebecchi, M.J. (2000) Polyphosphoinositide distribution and dynamics in living cells: Evidence for lateral segregation of phosphatidylinositol 4,5-bisphosphate. *Anesthesiology Research 1st Annual Recognition Dinner*. Stony Brook, NY.

❖ **Other**

Demazumder, D. (2000) Theatrical production. Traditional Indian Dance "Bharatnatyam" and Dance Drama "Amar Sonar Bangla." *Rabindra Sadan*, Calcutta – West Bengal, India.

POLITICAL SCIENCE

GRADUATE DIRECTOR: PAUL TESKE
DEPARTMENT CHAIR: MARK SHNEIDER

❖ Grants, Fellowships, and Awards

- Gerber, Brian.** (1999-2000) National Science Foundation Doctoral Dissertation Improvement Grant. *SES-9905636*.
- Gschwend, Thomas.** (2000) Travel Grant to attend the Annual Meeting of the German Political Science Association, Section: Wahlen und politische Einstellungen [Elections and public opinion], \$250. Department of Political Science, *SUNY at Stony Brook*, Stony Brook, NY.
- Gschwend, Thomas.** (2000) Travel Grant to attend the conference and workshop on "New Methodologies for Social Sciences: The Development and Application of Spatial Analysis for Political Methodology," \$398. *Institute of Behavioral Science of the University of Colorado*, Boulder, Boulder, CO., and the *Center for Spatially Integrated Social Science of the University of California*, Santa Barbara, CA.
- Gschwend, Thomas.** (1999) Quadrille Ball Scholarship, \$4,500. *Germanistic Society of America*, upon recommendation of the Institute of International Education, New York, NY.
- Neely, Francis.** (2000) Doctoral Dissertation Research in Political Science: Human Interest Frames and Political Policy Attitudes, \$7964. *National Science Foundation*, Arlington, VA.
- Tabrizi, Susan.** (2000) Doctoral Dissertation Research in Political Science. Equality in Context: Implications of Multidimensional Values for Policy Preferences, \$7991.00. *National Science Foundation Conferences*.

❖ Jointly Authored Publications/Research Reports/Reviews

- Teske, P., Schneider, M., Clark S., and **Buckley, J.** (2000). Does Competition from Charter Schools Leverage Change in Traditional School Systems? *Civic Reports* No. 10.
- Gerber, Brian**, and Teske, Paul E. (forthcoming/2000) Regulatory Policy-Making in the American States: A Review of Theories and Evidence. *Political Research Quarterly*.

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

- Gerber, Brian.** (April, 2000) State Policy Performance in Air Quality Regulation: A Test of the Lowry Model. Paper presented at the annual meeting of the *Midwest Political Science Association*. Chicago, Illinois.
- Gerber, Brian.** (April, 2000) Interest Group Utilization of Policy-Making Channels: The Strategic Behavior of State-level Interest Groups in the Implementation of the Clean Air Act. Paper presented at the annual meeting of the *Midwest Political Science Association*. Chicago, Illinois.
- Gerber, Brian.** (September, 1999) Recalcitrance, Compliance, or Leadership? Federalism and State Policy Actions in the Implementation of the Clean Air Act. Paper presented at the annual meeting of the *American Political Science Association*. Atlanta, Georgia.
- Gschwend, Thomas.** (May, 2000) Ticket-splitting and Strategic Voting. Paper presented at the *Annual Meeting of the German Political Science Association*, Section: Wahlen und politische Einstellungen [Elections and public opinion]. Mannheim, Germany.

- Gschwend, Thomas.** (April, 2000) Is Ticket splitting Strategic? Evidence from the 1998 Election in Germany. Paper presented at the *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Gschwend, Thomas.** (November, 1999) Strategic Voting in Germany. Evidence employing King's Ecological Inference. Paper presented at the *Annual Meeting of the Southern Political Science Association*. Savannah, GA.
- Norpoth, Helmut, and **Gschwend, Thomas.** (November ,1999) Die nächste Wahl. Ein multivariates Prognosemodell. [The next Election. A multivariate Forecasting Model]. Paper presented at the *Expertentagung 50 Jahre Empirische Wahlforschung in Deutschland*, Zentralarchiv für Empirische Sozialforschung. Cologne, Germany.
- Neely, Francis.** (1999) Human Interest Frames, Competing Attitude Objects, and Understanding Political Policies. *Annual Meeting of the American Political Science Association*. Atlanta, GA.
- Neely, Francis.** (2000) Leading Roles: The Power of the Storied Person in Policy Attitude Formation. *Annual Meeting of the American Political Science Association*. Chicago, IL.
- Robbins, Suzanne M.** (April, 2000) Organized Interests and the Law. Paper Presented at the *58th Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Tabrizi, Susan.** (April, 2000) Unequal Equalities: The Availability of Multidimensional Values. *2000 Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Feldman, Stanley and **Tabrizi, Susan.** (September, 1999) Religion, Religiosity and Issue Preferences. *1999 Annual Meeting of the American Political Science Association*. Atlanta, GA.

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

- Gerber, Brian.** (2000) Assistant Professor. *Texas Tech University*.

PSYCHOLOGY

GRADUATE DIRECTOR: HARRIET WATERS
DEPARTMENT CHAIR: GROVER WHITEHURST

❖ Grants, Fellowships, and Awards

- Arthur, Carlotta.** (2000) Pre-doctoral Research Fellowship. *National Research Service Award, NIMH.*
- Baker, Forest.** (1999) Departmental Award for Excellence in Research (2nd yr.), \$100. *SUNY at Stony Brook, Stony Brook, NY.*
- Boyle, Douglas.** (2000) Graduate Council Commendation to Distinguished Doctoral Students. *SUNY at Stony Brook, Stony Brook, NY.*
- Brown, Jay C.** (1999) Departmental Award for Excellence in Research (advanced student), \$100. *SUNY at Stony Brook, Stony Brook, NY.*
- Carnicom, Scott.** (1999) Departmental Award for Excellence in Teaching, \$100. *SUNY at Stony Brook, Stony Brook, NY.*
- Carnicom, Scott.** (2000) President's Award for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook, Stony Brook, NY.*
- Cunliffe, Michelle.** (2000) Graduate Council Commendation for Excellence in Teaching by a Graduate Student. *SUNY at Stony Brook, Stony Brook, NY.*
- DelVecchio, Tamara** (2000) W. Burghardt Turner Fellowship. *SUNY at Stony Brook, Stony Brook, NY.*
- Flores, Kelliann.** (2000) Women's right to education: Building global leadership for the 21st century Student Scholarship. *UN/NAFSA Conference, New York, NY.*
- Greenfield, Elana.** (2000) Graduate Council Fellowship. *SUNY at Stony Brook, Stony Brook, NY.*
- Feldbau-Kohn, Shari.** (1999) Departmental Award for Excellence in Research (2nd yr.), \$100. *SUNY at Stony Brook, Stony Brook, NY.*
- Harkavy, Lisa.** (2000) Grant-in-Aid of Research, \$500. National Academy of Sciences, *Sigma Xi, The Scientific Research Society, Research Triangle Park, NC.*
- Harris, Sadeka.** (2000) W. Burghardt Turner Fellowship. *SUNY at Stony Brook, Stony Brook, NY.*
- Harris, Sadeka.** (2000) American Psychological Association Minority Fellowship. *American Psychological Association, Washington, D.C.*
- Kees, Michelle.** (2000) Certificate for Merit – Student Award. *Division of Psychologists in Public Service (18), American Psychological Association, Washington, DC.*
- Massetti, Greta.** (1999-2000) Recipient of a Head Start Research Scholars Award, \$30,000. *U.S. Administration for Children, Youth, and Families.*
- Metzing, Charles.** (2000) Pre-doctoral Research Fellowship, Honorable Mention. *National Science Foundation, Oak Ridge, Tennessee.*
- Rodrigues, Lisa.** (1999) Departmental Award for Excellence in Teaching, \$100. *SUNY at Stony Brook, Stony Brook, NY.*
- Rodrigues, Lisa.** (2000) President's Award to Distinguished Doctoral Students, \$500. *SUNY at Stony Brook, Stony Brook, NY.*
- Santiago, Neil.** (2000) W. Burghardt Turner Fellowship. *SUNY at Stony Brook, Stony Brook, NY.*

- Schumacher, Julie Ann.** (2000) Honorable Mention, AABT Couples Special Interest Group Graduate Student Poster Competition. 33rd annual convention of the *Association for the Advancement of Behavior Therapy*, Toronto, Canada.
- Thompson, Shawn.** (2000) American Psychological Association Minority Fellowship – Honorable Mention. *American Psychological Association*, Washington, D.C.
- Woicik, Patricia.** (1999) RAIRE Travel Award. *SUNY at Stony Brook*, Stony Brook, NY.
- Woodin, Erica.** (2000) Graduate Council Fellowship. *SUNY at Stony Brook*, Stony Brook, NY.
- Zevallos, Ana.** (2000) W. Burghardt Turner Summer Research Fellowship, \$2000. *SUNY at Stony Brook*, Stony Brook, NY.

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

- Thompson, Shawn.** (in press) Psychosocial adjustment to chronic rheumatic conditions: Implications of an Afrocultural social ethos. *Annals of African-centered Psychology*.

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

- Rachlin, H., **Brown, Jay C.**, and **Baker, Forest.** (in press) Reinforcement and punishment in the prisoner's dilemma game. Chapter to be published in *The Psychology of Learning and Motivation* Vol. 40.
- Brown, Jay C.**, and Rachlin, H. (1999) Self-control and social cooperation. *Behavioral Processes* 47: 65-72.
- Lobel, M., **DeVincent, Carla J.**, Kaminer, A., and Meyer, B.A. (in press) Prenatal Maternal Stress and Disposition: Distinguishing their prospective Impact on birth outcome and exploring the role of health behaviors. *Health Psychology*.
- Drabick, Deborah A.G.**, and Goldfried, Marvin R. (2000) Training the scientist-practitioner for the 21st century: Putting the bloom back on the rose. *Journal of Clinical Psychology* 56: 327-340.
- Durbin, Catherine E.**, Klein, D.N., and Schwartz, J.E. (2000) The impact of childhood adversity and family history of psychopathology on the course of dysthymic disorder. *Journal of Consulting and Clinical Psychology* 68: 57-63.
- Burke, P. and **Elliott, Melanie.** (1999) Depression in Pediatric Chronic Illness: A Diathesis Stress Model. *Psychosomatics* 40: 5-17.
- Burke, P., **Elliott, Melanie**, and Flessner, R. (1999) Recurrent Abdominal Pain and Irritable Bowel Syndrome: A Comparative Review. *Psychomatics* 40(4): 277-285.
- Rajaram, S. and **Geraci, Lisa.** (in press) Conceptual fluency selectively influences knowing. *Journal of Experimental Psychology: Learning, Memory and Cognition*.
- Han, Chih-Ju**, Scheff, A., **Pierre-Louis, Joanne**, and Robinson, J.K. (in press) A Performance-Dependent Adjustment of the Retention Interval in a Delayed Non-matching-to Position Paradigm Differentiates Effects of Amnestic Drugs in Rats. *European Journal of Pharmacology*.
- Klein, D.N., and **Hayden, Elizabeth.** (2000) Dysthymic disorder: Current status and future directions. *Current Opinion in Psychiatry* 13: 171-177.
- Lara, Maria Elena**, and Klein, D.N. (1999) Psychosocial theories of the persistence and maintenance of depression: Implications for chronic depression. *Clinical Psychology Review* 19: 553-570.
- Lara, Maria Elena**, Klein, D.N., and **Kasch, Karen L.** (in press) Psychosocial predictors of the short-term course and outcome of major depression: A longitudinal study of a non-clinical sample with recent-onset episodes. *Journal of Abnormal Psychology*.

- Klein, D.N., Schwartz, J.E., Rose, S., and **Leader, Julie B.** (in press) Five-year course and outcome of early-onset dysthymic disorder: A prospective, naturalistic follow-up study. *American Journal of Psychiatry*.
- Lizardi, Humberto** and Klein, D.N. (2000) Parental psychopathology and reports of the childhood home environment in adult early-onset dysthymic disorder. *Journal of Nervous and Mental Disease* 188: 63-70.
- Mashek, Debra**, Aron, A., and Fisher, H. (in press) Identifying, evoking and measuring intense feelings of romantic love. *Representative Research in Social Psychology*.
- Anderson, B.J., **McCloskey, Daniel P.**, and Coburn-Litvak, P.S. (1999) Active learning strategies for a physiological psychology course. *Society for Neuroscience Abstracts* 25: 104.20.
- McLaughlin, Peter J., Delevan, Caren E., Carnicom, Scott**, Robinson, J. K., Brener, J. (in press) Fine motor control in rats is disrupted by delata-9-tetrahydrocannabinol. *Pharmacology, Biochemistry and Behavior*.
- Aron, A., and **McLaughlin-Volpe, Tracy**. (in press) Including others in the self: Extensions to own and partner's group memberships. *Individual self, relational self, and collective self: Partners, opponents, or strangers*. M. Brewer and C. Sedikides, Eds.
- Moerk, Kirstin C.**, and Klein, D.N. (2000) The development of major depressive episodes during the course of dysthymic and episodic major depressive disorders: A retrospective examination of life events. *Journal of Affective Disorders* 58: 117-123.
- Lewinsohn, P.M., **Moerk, Kirstin C.**, and Klein, D.N. (in press) Epidemiology of adolescent depression. *The Economics of Neuroscience*.
- Robinson, J.K., Scheff, A., **Pierre-Louis, Joanne**, and **Han, Chih-Ju**. (in press) Specificity of Memory Measures in an Adjusting Delayed Nonmatching-to-Position Task for Rats. *Behavioral Brain Research*.
- Anderson, B.J., **Rapp, David**, Baek, D., Coburn-Litvak, P.S., **McCloskey, Daniel P.**, and Robinson, J. (in press) Exercise influence 8-arm radial maze performance. *Physiology and Behavior*.
- Elek-Fisk, E., **Raymond, Lanette A.**, and Wortman, P. M. (2000) Validity applied to meta-analysis and research synthesis. *Validity and social experimentation, Donald Campbell's legacy* Vol. 1: pp. 45-64. Bickman, L., Ed. Thousand Oaks, CA: Sage.
- Thompson, Shawn** and Chambers, J.W. (in press) African self-consciousness and health promoting behavior in college students. *Journal of Black Psychology* 26(3).

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

- Baker, Forest, Brown, Jay C.**, and Rachlin, H. (1999) Self-Control in the Prisoner's Dilemma Game. Paper presented at the 107th Annual APA Convention. Boston, MA.
- Beauchaine, Theodore P.**, and Gartner, J. (1999) Comorbid and cardiac function as predictors of inpatient response by conduct-disordered, ADHD boys. Poster presented at the *Society for Research in Child Development*. Albuquerque, NM.
- Beauchaine, Theodore P.** Predicting subtypes of child noncompliance from maternal responses to videotaped defiance vignettes. Paper presented at the Symposium *Child noncompliance in clinical and developmental perspective* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Jeffrey A. Barnett, Zvi Strassberg, and **Beauchaine, Theodore**. (2000) Maternal locus of control, time structure, parenting practices, and child behavior problems: Mediational effects. Poster presented at the annual meeting of the *American Psychological Association*.

- Bashe, Allison G.,** and Treboux, D. (1999) Interpretation of emotional experience. Paper presented at the Symposium *Attachment revisited: Understanding and regulating emotions in close relationships* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Carnicom, Scott, McLaughlin, Peter J., Delevan, Caren E.,** Robinson, J.K., Brener, J. (1999) Fine motor control in rats is disrupted by delta-9-tetrahydro cannobinal. Presented at the 29th Annual Meeting of the *Society for Neuroscience*. Miami Beach, FL.
- Casillas, Katherine L.,** and O'Leary, S. G. (1999) Differential prediction of parenting. Poster presented at the 33rd Annual Meeting of the *Association for Advancement of Behavior Therapy*. Toronto, Ontario, Canada.
- Cottone, John G. ,** Pollina, D.A., and Squires, N.K. (1999) Neuropsychological Performance as a Function of Health and Lifestyle Variables. Presented at the annual meeting of the *Cognitive Neuroscience Society*. Washington D.C.
- Cunliffe, Michelle A.,** Lee, C., **Bashe, Allison G.,** and **Elliott, Melanie.** (1999) "Thanks, Mom!" or "Mom, no thanks:" Emotion regulation and attachment in adolescence. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Cunliffe, Michelle A.,** **Guttman-Steinmetz, Sarit,** and Waters, H.S. (1999) Narrative co-construction: Individual differences across mother-child pairs. Poster presented at the first annual meeting of the *Cognitive Development Society*. Chapel Hill, North Carolina.
- Waters, H.S., **Cunliffe, Michelle A.,** and **Guttman-Steinmetz, Sarit** (1999) Mother-child communication about interpersonal experiences in early childhood. Invited presentation at the NSF-sponsored conference *Creating the climate for children's learning: Families, peers, and curriculum as affordances and constraints across the transition to school*. Birmingham, Alabama.
- Drabick, Deborah A.G.** (1999) Construct validity of subtypes of child compliance. Paper presented at a Symposium *Child noncompliance in clinical and developmental perspective* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Drabick, Deborah A.G.,** Nolan, E.E., Gadow, K.D., and Sprafkin, J. (1999) Self report and parent report of psychiatric symptoms in youngsters with attention-deficit/hyperactivity disorder and epilepsy. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Durbin, Catherine E.,** and Klein, D.N. (1999) Five-year stability of personality disorders. 14th Annual Meeting of the *Society for Research in Psychopathology*. Montreal, Canada.
- Fyffe, Celene,** and **Lord, Chiyoko.** (1999) Investigation of secure base behavior in adult partner-ships: Definition, method, and correlates. Paper presented at the Symposium *Bowlby's theory in life span development: Secure base phenomena in adult partnerships* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Gao, Yuan, **Elliott, Melanie E.,** and Waters, E. (1999) Maternal attachment representations and support for three-year-olds' secure base behavior. Paper presented at the Symposium *New perspectives on the study of maternal care-giving behavior and attachment* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Geraci, L.** and Rajaram, S. (2000) Eliminating the effect of orthographic distinctiveness using a perceptual implicit memory test. Poster presented at the annual meeting of the *American Psychological Society*. Miami, FL.
- Geraci, L.** and Rajaram, S. (1999) Conceptual fluency affects knowing. Poster presented at the annual meeting of the *Eastern Psychological Association*. Providence, RI.
- Harkavy, Lisa.** (2000) The effect of unilateral somatosensory stimulation on hemispheric asymmetries during slow-wave sleep. *Cognitive Neuroscience Society Conference*. San Francisco, CA.

- Hen-Tov, J.K., Cottone, J.G., Harkavy, L.A.,** and Squires, N.K. (1999) Auditory evoked potentials using speech and non-speech sounds in a dichotic-listening paradigm. Annual meeting of the *Cognitive Neuroscience Society*. Washington D.C.
- Kees, Michelle R.** (1999) Maternal correlates of child noncompliance. Paper presented at the Symposium *Child noncompliance in clinical and developmental perspective* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Kees, Michelle R.,** Sullivan, C., and Birns, B. (1999) Children of domestic violence when mothers leave: Continuation of violence and policy implications. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Lara, M.E., Kasch, K.L.,** and Klein, D.N. (1999) Rumination and prediction of depression persistence. Presented at the 33rd *Annual Meeting of the Association for the Advancement of Behavior Therapy*. Toronto, Canada.
- Lawrence, Tricia,** Chaudhry, B., and Zevallos, A. (1999) A special case? Parental alcoholism or alcoholism in the current relationship. Paper presented at the Symposium *Bowlby's theory in life span development: Secure base phenomena in adult partnerships* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Leake, Robin,** Friend, R., and Lawson, W. (2000) Spousal Expectations, Social Support, and Adjustment to Coronary Heart Disease. Paper presented at the *Annual Meeting of the Society of Behavioral Medicine*. Nashville, TN.
- Lorber, M.F.,** Slep, A.M.S., and O'Leary, S G. (1999) Predicting partner and parent aggression from physiological reactivity. Poster presented at the 33rd *Annual Meeting of the Association for Advancement of Behavior Therapy*. Toronto, Ontario, Canada.
- Gao, Yuan, **Lord, Chiyoko,** and **Wais, Diana.** (1999) Do men and women follow the same path? Attachment representations and secure base behavior. Paper presented at the Symposium *Bowlby's theory in life span development: Secure base phenomena in adult partnerships* at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- Mashek, Debra,** Aron, A., and **Lewandowski, Gary.** (2000) Towards a brain-based assessment of closeness and love. Poster presented at the independent meeting of the *Society for Personality and Social Psychology*. Nashville, TN.
- Mashek, Debra,** Aron, A., and Fisher, H. (2000) Identifying, evoking and measuring intense feelings of romantic love. Poster presented at the independent meeting of the *Society for Personality and Social Psychology*. Nashville, TN.
- Aron, A., **Mashek, Debra,** Odenthal, G., Li, H., **Lewandowski, Gary,** and Rogue, C. (1999) fMRI activation patterns associated with self- and close-other-related semantic processing. Poster presented at the *Society for Neuroscience*. Miami Beach, FL.
- Aron, A., **Mashek, Debra,** and **Lewandowski, Gary.** (1999) The relational brain: Spatial and temporal cortical mapping of self and close others. Paper presented at the annual meeting of the *Society of Experimental and Social Psychology*. St. Louis, MO.
- Aron, A., **Mashek, Debra,** and **Lewandowski, Gary.** (2000) Brain-imaging and social psychology. Poster presented at the independent meeting of the *Society for Personality and Social Psychology*. Nashville, TN.
- Massetti, Greta M.** (1999) School District and Head Start Center effects on literacy outcomes in elementary schools. Poster presented at the biennial meeting of the *Society for Research in Child Development*. Albuquerque, NM.
- McLaughlin, Peter J.,** Smirlis, T., Robinson, J.K., and Kritzer, M.F. (1999) Long-term gonadectomy impairs spatial learning but not sensorimotor functions in rats. Presented at the 29th annual meeting of the *Society for Neuroscience*. Miami Beach, FL.

- McLaughlin-Volpe, Tracy, Aron, A., Wright, S.C., and Reis, H.T.** (2000, February) Intergroup social interactions and intergroup prejudice: Quantify versus quality. In T. McLaughlin-Volpe (Chair), *Personalized Intergroup Contact and Intergroup Prejudice. Society for Personality and Social Psychology Conference.* Nashville, TN.
- Aron, A., and **McLaughlin-Volpe, Tracy.** (2000, February) Including others in the self: Extensions to won and partner's group memberships. In C. Sedikides and M. Brewer (Chair), *Individual self, relational self, and collective self. Society for Personality and Social Psychology Conference.* Nashville, TN.
- McLaughlin-Volpe, Tracy, Aron, A., and Wright, S.C.** (1999) The Intergroup Contact Hypothesis Reexamined: The Case of Football Rivalries. *American Psychological Association.* Boston, MA.
- Morris, James, Harkavy, Lisa, Azizian, Allen, Carrion R., Brennan, S., and Squires, N.** (2000) Event related potential measures of syntactic and semantic processing. *Cognitive Neuroscience Society Conference.* San Francisco, CA.
- Morris, James, Harkavy, Lisa, Azizian, Allen, Carrion R., Brennan, S., and Squires, N.** (2000) Event related potential measures of syntactic and semantic processing. *Cognitive Neuroscience Society Conference.* San Francisco, CA.
- Prendergast, Sean, Conrod, P., Woicik, Patricia.** (2000) The mediation effect of personality factors on the relationship between family history of substance abuse and frequency of alcohol use. Poster presented at the annual meeting of the *Research Society on Alcoholism,* Santa Barbara, CA.
- Rodrigues, Lisa M., Cunliffe, Michelle A., and Waters, H.S.** (1999) Schema abstraction in repeated prose production. Poster presented at the biennial meeting of the *Society for Research in Child Development.* Albuquerque, New Mexico.
- Schumacher, Julie A., and Smith Slep, A.M.** (1999) The Association of Attitudes and Motives for Dating Aggression in a Sample of Partner Aggressive High School Students. Poster presented at the 33rd annual convention of the *Association for the Advancement of Behavior Therapy.* Toronto, Canada.
- Stoltz, Brett M.** (1999) Comparing parent and child reports of parental helping behavior. Poster presented at the biennial meeting of the *Society for Research in Child Development.* Albuquerque, NM.
- Wais, Diana, Rodrigues, Lisa M., Guttman-Steinmetz, Sarit, Zevallos, Ana, Waters, H.S., Posada, G., Carbonell, O.A., Alzate, G., and Bustamante, M.R.** (2000) Attachment scripts across cultures. Poster presented at the annual meeting of the *Jean Piaget Society Meeting.* Montreal, Quebec.
- Walter, Abbe L., Slep, A.M.S., and O'Leary, S.G.** (1999) Predicting dysfunctional parenting: A longitudinal study. Poster presented at the 33rd Annual Meeting of the *Association for Advancement of Behavior Therapy.* Toronto, Ontario, Canada.
- Wiens, Stefan, Palmer, S.N., Eads, T. V., Borrero, C. J., and Katkin, E S.** (1999) Heartbeat detection and quadratic trend analysis. *Society for Psychophysiological Research.* Granada, Spain.
- Wiens, Stefan, Palmer, S.N., Zitzelberger, C., Cohn, H., Emmerich, D.S., and Katkin, E.S.** (1999) Adaptive measure of heartbeat detection. *Society for Psychophysiological Research.* Granada, Spain.
- Woicik, Patricia, Conrod, P., and Jacobs, C.** (2000) An analysis of the construct validity and the reliability of the DrugSub-typing Scale (DASS) Poster presented at the annual meeting of the *Research Society on Alcoholism.* Santa Barbara, CA.
- Novak, S., Conrod, P., and **Woicik, Patricia.** (2000) Differing motives for men and women's drinking: mediating factors. Poster presented at the annual meeting of the *Research Society on Alcoholism.* Santa Barbara, CA.
- Woicik, Patricia, Conrod, P., Phil, R.O., Stewart, S., and Donigier, M.** (1999) The drug abuse subtyping scale (DASS): A revised instrument for identifying motivational profiles for substance abuse. Poster presented at the annual meeting of the *Research Society on Alcoholism.* Denver, CO.

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

- Baker, Forest.** (1999) Post-doctoral fellow at HBPL. Department of Psychiatry, *University of Vermont*, VT.
- Rodrigues, Lisa M.** (2000) Post-doctorate Research Associate. Department of Psychology, *SUNY at Stony Brook*, Stony Brook, NY.
- Fyffe, Celene.** (2000) Psychologist. Andrews AFB, *United States Air Force*, MD.
- Gorin, Amy A.** (2000) Post-doctoral fellow. *Brown University*, RI.
- Han, Chih-Ju.** (2000) Post-doctoral training fellow. *California Tech*, CA.
- Brown, Jay C.** (2000) Post-doctoral traineeship in Computational and Behavioral Approaches to Cognition. Department of Psychology, *Carnegie-Mellon University*, Pittsburgh, PA.
- Lawrence, Tricia J.** (1999) Post-doctoral research assistant. Research Foundation, *Stony Brook Relationship Project*, NY.
- Leake, Robin.** (1999) Research Associate. *American Humane Association*, CO.
- Leisring, Penny A.** (1999) Post-doctoral fellow. Department of Psychiatry, *UMASS Medical Center*, MA.
- Palmer, S.N.** (1999) Post-doctoral fellow. Pain Research Group, *MD Anderson Cancer Center*, TX.
- Schultz, Margaret.** (1999) Mental Health Counselor. *William S. Hall Psychiatric Institute*, Columbia, SC.
- Velting, Olivia Nania.** (1999) Post-doctorate fellow. *NYU Child Study Center*, NY.

❖ **Internship Appointments**

- Arthur, Carlotta.** (2000-2001) Clinical psychology intern. *The University of Texas Medical Branch*, TX.
- Kohn, Shari.** (2000-2001) Clinical psychology intern. Montefiore Medical Center, *The University Hospital for the Albert Einstein College of Medicine*, NY.
- Kees, Michelle R.** (2000-2001) Clinical psychology intern. *Children's Memorial Hospital*, Chicago, IL.
- Schumacher, Julie A.** (2000-2001) Clinical psychology intern. California Department of Mental Health, *NAPA State Hospital*, CA.
- Triesch, Susanne.** (2000-2001) Clinical psychology intern. *Pilgrim Psychiatric Center*, NY.

SOCIOLOGY

GRADUATE DIRECTOR: IAN ROXBOROUGH

DEPARTMENT CHAIR: DIANE BARTHEL

❖ Grants, Fellowships, and Awards

Heller, Jacob. (1999-2000) Curriculum Development Award, \$3,000. *Learning Community Program*, SUNY at Stony Brook, Stony Brook, NY.

Heller, Jacob. (1999-2000) University Learning Communities Teaching Fellow, \$12,000. *Learning Community Program*, SUNY at Stony Brook, Stony Brook, NY.

Muñoz, José. (1999) W. Burghardt Turner Fellowship, \$14,500. *SUNY at Stony Brook*, Stony Brook, NY.

Muñoz, José. (2000) W. Burghardt Turner Summer Research Fellowship, \$500. *SUNY at Stony Brook*, Stony Brook, NY.

Wilson-Corzen, Vondora (2000) W. Burghardt Turner Summer Research Fellowship, \$1,800. *SUNY at Stony Brook*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Dennis, Jeffery. (in press) Islam. *The World of Sociology*. Palmisano, J., Ed. Detroit, MI: The Gale Group.

Dennis, Jeffery. (in press) Judaism. *The World of Sociology*. Palmisano, J., Ed. Detroit, MI: The Gale Group.

Dennis, Jeffery. (in press) Total Institutions. *The World of Sociology*. Palmisano, J., Ed. Detroit, MI: The Gale Group.

Dennis, Jeffery. (in press) Gay and Lesbian Studies. *The World of Sociology*. Palmisano, J., Ed. Detroit, MI: The Gale Group.

Dennis, Jeffery. (in press) Transsexualism. *The World of Sociology*. Palmisano, J., Ed. Detroit, MI: The Gale Group.

Dennis, Jeffery. (in press) Utopianism. *The World of Sociology*. Palmisano, J., Ed. Detroit, MI: The Gale Group.

Dennis, Jeffery. (in press) From Arcadia to Utopia: Two Metanarratives of Desire in Ethnographic Writing. *Journal of Contemporary Ethnography*.

Dennis, Jeffery. (in press) Queer on the Tenure Track: The Civilization of Transgressive Sexualities in the Academy. *International Journal of Gender and Sexuality*.

Dennis, Jeffery. (2000) Syllabus: Hate Crimes. *Resources for Teaching Hate Crimes and Ethnoviolence*. Washington, DC: American Sociological Association.

Heller, Jacob. (1999) Learning Community Assessment Report: Outcome Evaluation of the Pilot Learning Community Program at SUNY at Stony Brook. *Learning Community Program*. SUNY at Stony Brook, Stony Brook, NY.

Heller, Jacob. (in press) Rubella Vaccine and Medical Policy-Making: Fetal Rights and Women's Health. *New England Journal of Public Policy*.

- Rawlins, Roblyn.** (1999) Using Films in a Sociology of Technology Course. *Syllabi and Instructional Materials for the Sociology of Science, Knowledge, and Technology*. S. Zehr, Ed. Washington, D.C.: American Sociological Association.
- Rawlins, Roblyn.** (in press) Long Rows of Short Graves: Sentimentality, Science, and Distinction in the 19th Century Construction of the Intellectually Precocious Child. *Symbolic Childhood*. D. Cook, Ed. New York: Peter Lang Publishing Co.
- Rawlins, Roblyn.** (in press) Gifted Children in the Family. *History of the Family in the United States: An Encyclopedia*. J. Hawes and E. Shores, Eds. Denver, CO: ABC-CLIO.

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

- Carlson, G., Bromet, E., and **Sievers, Sylvia.** (2000) Phenomenology and Outcome of Youth and Adult Onset Subjects with Psychotic Mania. *The American Journal of Psychiatry* 157: 213-219.
- Gimlin, D., Rule, J., and **Sievers, Sylvia.** (in press) The Uneconomic Growth of Computing. *Sociological Forum*.
- Johnson, A.M., **Akella, Umasundari,** and Lalande, J. (1999) The Impact of Outcome-Based Assessment on Microenterprise Programs. *Journal of Microfinance* 1: 45-65.

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

- Barron, Martin.** The Promises and Pitfalls of Internet Surveying. *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Cullen, Pauline.** Working for Social Justice?: Transnational NGOs and International Governance. *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Dennis, Jeffery.** (1999) A New Typology of Hate Crimes. *New England Sociological Association Convention*. Boston, MA.
- Dennis, Jeffery.** (1999) Sade, Fourier, Comte: Transgressive Utopias Before Durkheim. *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Dennis, Jeffery.** (2000) Evangelists and Personal Trainers: Identity Management at a Feti Club. *The 70th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Ghani, Navid.** (1999) The Use of Public Benefits by Immigrants in the United States. *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Gimlin, D., Rule, J., and **Sievers, Sylvia.** (1999) The Uneconomic Growth of Computing. *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Heller, Jacob.** (1999) Ethics as Cutting Edge Medical Sociology in the 21st Century (Special Roundtable Session). *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.
- Heller, Jacob.** (2000) Effects of a Learning Community on Freshman Undergraduates. *The 70th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Heller, Jacob.** (2000) Medical Discourse and Resistance: Interpretations of Oppositional Rhetoric to Pertussis Vaccination. *The 70th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Heller, Jacob.** (2000) Sociology of Higher Education B What Matters? (Panel Organizer) *The 70th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Lindquist, Carol.** (1999) Just Add Penis and Stir: The Cookbook Approach to Gender Identity. *The 94th Annual Meeting of the American Sociological Association*. Chicago, IL.

- Manolakes, Lucinda.** (1999) The Smokeaters of Suburbia: A Sociological Inquiry Into the Lives of Suburban Volunteer Firefighters. *Annual Meeting of the Association for Research on Nonprofit Organizations and Voluntary Action.* Washington DC.
- Rawlins, Roblyn.** (1999) The Mother's Club of Cambridge: Reappropriating, Reconfiguring, and (Re)presenting Expert Knowledge. *The 94th Annual Meeting of the American Sociological Association.* Chicago, IL.
- Butterfield, S.A. and **Trillo, Alexander.** (1999) The Effects of Multi-Ethnic Neighborhoods on Constructions of Racial and Ethnic Identities in New York City. *The 94th Annual Meeting of the American Sociological Association.* Chicago, IL.
- Wilson-Corzen, Vondora** (2000) Shattered Identities Fractured Lives: The Connection Between Social Movement Identities and Factionalism. *Southern Sociological Society's Annual Meeting.* New Orleans, LA.
- Winston, Fletcher.** (2000) Redirect and Submit: Repercussions of Federal Legislation for Environmental Movements. *The 70th Annual Meeting of the Eastern Sociological Society.* Baltimore, MD.

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

- Aguilera, Michael.** (1999) W. Burghardt Turner Post-Doctoral Faculty Traineeship. Department of Sociology, *SUNY at Stony Brook*, Stony Brook, NY.
- Centrone, Monique.** (1999) Managing Editor. *Men and Masculinities.* An interdisciplinary, international journal of gender issues. Department of Sociology, *SUNY at Stony Brook*, Stony Brook, NY.
- Gao, Chao.** (2000) Public Affairs Manager. *Newsday*, Melville, NY.
- Kaufman, Peter.** (1999) Assistant Professor. Department of Sociology, *SUNY at New Paltz*, New Paltz, NY.
- Moynihan, Patrick.** (1999) Post-Doctoral Fellowship. Institute for Health, Health Care Policy and Aging Research, *Rutgers University*, New Brunswick, NJ.
- Phillip-Evans, Vera** (1999) Assistant Professor. Department of Social Work and Sociology, *Bennett College*, Greensboro, NC.

❖ **Internship Appointments**

- Ng, Charis.** (1999) Summer Intern. *National Opinion Research Center*, Chicago, IL.
- Spears, David** (1999) Summer Intern. *National Opinion Research Center*, Chicago, IL.

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