

A TRIBUTE IN LOVING MEMORY



Irina Diana Tarabac (1970-2007)

Irina Diana Tarabac dedicated her life to learning, teaching, and science – the field of her choice being linguistics. Among many brilliant scholars and scientists in the Linguistics Department at Stony Brook University, Irina stood out for many a reasons. Unfortunately, Irina left us too early in October 2007.

After arriving to study at Stony Brook at 2002, Irina became an active member of the linguistic community in the metropolitan area of New York. She frequently attended seminars in the Linguistics Departments of NYU and the CUNY Graduate Center. Irina was dedicated to life-long learning, and she set extremely high standards for herself, her own research and her teaching responsibilities. She taught a morphology seminar in Bucharest and served as a TA for classes on many different topics at Stony Brook, including syntax, morphology, language philosophy, phonology, typology, and Semitic languages. She was a wonderful teacher and was very concerned about her students. Her dedication to linguistics didn't leave her much time to pursue her hobbies, but whenever Irina found some time off, she enjoyed listening to symphonic music, reading good literature, visiting museums, and spending time with her friends.

Irina earned a Master's degree in Bucharest, Romania in 1996 and had studied and conducted research in the Netherlands between 1997 and 1999. Irina conducted research on well-known languages such as Dutch, Romanian, and Modern Greek as well as less-known languages such as Rapanui and Burushaki.

Irina's passing is a great loss to her family, her friends and the field of linguistics. Irina will be sorely missed and always remembered by all who knew her.

A TRIBUTE IN LOVING MEMORY



Karen Isabel Burke (1976-2007)

Karen Isabel Burke was a talented philosopher – precise and thoughtful, but also a caring colleague and a very capable teacher. Unfortunately, Karen took ill just before she was to begin her dissertation in Europe on a fellowship, and she passed away on September 26th, 2007 at her parents' home in Annandale, Virginia, surrounded by her husband and family.

Karen was admitted to the Philosophy Ph.D. program at Stony Brook in the Fall of 2004. Her performance and participation in the program even exceeded the already high expectations that led to the offer of admission. Karen had the ability to make her successes and rapid advance through the program appear effortless. Her talents, caring personality and success with undergraduate students prompted her nomination to Stony Brook's President's Teaching Award in 2007. Thanks to her scholarly turn of mind she also became the recipient of a Max Kade Foundation scholarship to study for one year at a German University.

Karen Isabel Burke was born on May 26th, 1976 in Norway. She earned her B.S. from William and Mary, cum laude, majoring in Physics and English. However, those fields did not satisfy her curiosity for knowledge, so she enrolled in the M.A. philosophy program at Miami University, where she excelled. At Miami, Karen wrote a paper contrasting Leibniz's and Newton's conceptions of space, and also a paper that allied Nietzsche's account of truth with Hegel's dialectic. Her advisors praised her precision, creativity, and logic, propelling her to admission to Stony Brook's Philosophy Ph.D. program, one of the most competitive in the United States, particularly in continental philosophy - Karen's specialty. Her dissertation was to examine Hegel's concept of organism discussed in Philosophy of Nature and Philosophy of Right.

Karen's humanity, intelligence and charm will never be forgotten.

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 2007-2008 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 coordinators who have taken the time to coordinate and submit the program's achievements.

- **On the Cover**

Injection - Projection by Austin Furtak-Cole

Austin Furtak-Cole is a graduate student in the Master of Fine Arts program in Studio Arts and the winner of the 2008 Dorothy L. Pieper Memorial Purchase Prize

- **Cover Design:** Megan Daum and Paul Bugyi
- **Editing and Typesetting:** Paul Bugyi

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GRADUATE PROGRAMS

❖ **COLLEGE OF ARTS AND SCIENCES**, Dean: James V. Staros

Anthropological Sciences
Anthropology
Art History & Criticism and Studio Art
Biochemistry and Structural Biology
Chemistry
Comparative Literary and Cultural Studies
Ecology and Evolution
Economics
English
European Languages, Literatures and Cultures
Genetics
Geosciences
Hispanic Languages, Literatures and Cultures
History
Linguistics
Mathematics
Molecular and Cellular Biology
Music
Neuroscience
Philosophy
Physics and Astronomy
Political Science
Psychology
Sociology
Theatre Arts
Women's Studies
Writing and Rhetoric

❖ **COLLEGE OF BUSINESS**, Dean: Joseph McDonnell

❖ **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

❖ **SCHOOL OF DENTAL MEDICINE**, Dean: Barry Rifkin

❖ **SCHOOL OF MARINE AND ATMOSPHERIC SCIENCES**, Dean: David Conover

❖ **SCHOOL OF MEDICINE**, Vice Dean for Research: Wadie Bahou

Anatomical Sciences
Molecular and Cellular Pharmacology
Molecular Genetics and Microbiology
Physiology and Biophysics

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

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

The 2008 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.

Christopher Cohoon	<i>Philosophy</i>
Jennifer DiGregorio-Kightlinger	<i>European Languages & English</i>
Michele Fazio	<i>English</i>
Jada Hamilton	<i>Social and Health Psychology</i>
Nuria Protopopescu	<i>Marine and Atmospheric Sciences</i>
Steven Welsh	<i>Applied Math and Statistics</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.

Kieren Boyle	<i>Physics & Astronomy</i>
Yi Chen	<i>Materials Science</i>
Eliza Congdon	<i>Biopsychology</i>
Jeremy Holt	<i>Physics & Astronomy</i>
F. Marc Michel	<i>Geosciences</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.

Austin Furtak-Cole	<i>Studio Art</i>
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❖ **The Madeline Fusco Fellowship**

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

Amy Traver

Sociology

❖ **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.

Richard Tyson Smith

Sociology

ANATOMICAL SCIENCES

GRADUATE DIRECTOR: MAUREEN O'LEARY

DEPARTMENT CHAIR: WILLIAM JUNGERS

❖ Grants, Fellowships and Awards

Boyer, Doug (2006-2008) Dissertation Improvement Grant, \$8,362.00. *National Science Foundation*, Washington, D.C.

Burch, Sara. (2008) National Science Foundation Graduate Research Fellowship, \$40,500 annually. *National Science Foundation*, Washington, D.C.

Farke, Andrew. (2008) K. Patricia Cross Future Leaders Award. *Association of American Colleges and Universities*, Washington, D.C.

Farke, Andrew. (2008) D. Dwight Davis Award for Best Student Paper. *Division of Vertebrate Morphology, Society of Integrative and Comparative Biology*, McLean, VA.

Farke, Andrew. (2007) Grant-in-Aid-of-Research, \$960. *Sigma Xi*, Research Triangle Park, NC.

Farke, Andrew. (2007) Patterson Memorial Grant, \$1,000. *Society of Vertebrate Paleontology*, Deerfield, IL.

McCartney, Jacob. (2008) Jurassic Foundation Grant, \$2,400. *The Jurassic Foundation*, Drumheller, Alberta.

Parent, Sara. (2008) Graduate Research Fellowship, Honorable Mention. *National Science Foundation*, Washington, D.C.

Sertich, Joseph. (2008) National Geographic Society Committee for Research and Exploration Grant (Co-investigator), \$19,830. *National Geographic Society*, Washington, D.C.

Sorrentino, Gina M. (2008) Grants-In-Aid of Research, \$1,000. *Sigma Xi Scientific Research Society*, Research Triangle Park, NC.

❖ Singly Authored Publications/Research Reports/Reviews

Farke, Andrew. (2007) Reexamination of paleopathology in plesiosaurs. *Journal of Vertebrate Paleontology*, 27(3): 724-726.

❖ Jointly Authored Publications/Research Reports/Reviews

Kirk, E. C., Lemelin, P., Hamrick, M. W., **Boyer, D. M.**, and Bloch, J. I. (in press) Intrinsic hand proportions of euarchontans and other mammals: implications for the locomotor behavior of plesiadapiforms. *Journal of Human Evolution*.

Boyer, D. M., and Georgi, J. A. (2007) Cranial morphology of a pantolestid eutherian mammal from the eocene bridger formation, Wyoming, USA: implications for relationships and habitat. *Journal of Mammalian Evolution* 14: 239-280.

Boyer, Doug, Patel, BA, Larson, SG, and Stern, JT, Jr. (2007) Telemetered electromyography of peroneus longus in *Varecia variegata* and *Eulemur rubriventer*: implications for the functional significance of a large peroneal process. *Journal of Human Evolution* 53: 119-134

- Sargis, EJ, **Boyer, Doug**, Bloch, JI, and Silcox, MT (2007) Evolution of pedal grasping in Primates. *Journal of Human Evolution* 53: 103-107.
- Silcox, MT, **Boyer, Doug**, Bloch, JI, and Sargis, EJ (2007) Revisiting the adaptive origins of primates (again). *Journal of Human Evolution*. 53: 321-324.
- Farke, Andrew**, and P.M. O'Connor. (2007) Pathology in *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. *Society of Vertebrate Paleontology Memoir* 8: 180-184.
- Georgi, Justin**; Sipla, Justin. (2008) Balance: Comparative Anatomy and Physiology in Secondarily Aquatic Reptiles and Birds. 2008. In Thewissen, JGM; Nummela, S (Eds.), *Sensory Evolution on the Threshold: Adaptations in Secondarily Aquatic Vertebrates*. Berkley, CA: University of California Press.
- Boyer, Douglas; **Georgi, Justin**. (2007) Cranial Morphology of a Pantolestid Eutherian Mammal from the Eocene Bridger Formation, Wyoming, USA: Implications for Relationships and Habitat. *Journal of Mammalian Evolution*, 14:239-280.
- Hill, R. V., **McCartney, J. A.**, Roberts, E., Bouaré, M., Sissoko, F., and O'Leary, M. (in press) Dyrosaurid (Crocodyliformes: Mesoeucrocodylia) fossils from the upper Cretaceous and Paleogene of Mali: Implications for phylogeny and survivorship across the K-T Boundary. *American Museum Novitates*.
- Forster, C. A., **Farke, A. A.**, **McCartney, J. A.**, de Klerk, W. J., and Ross, C. F. (in press) A "basal" (non-avetheropod) tetanuran from the lower Cretaceous Kirkwood Formation of South Africa. *Journal of Vertebrate Paleontology*.

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

- Boyer, D. M.**, Scott, C. S., and Fox, R. C. (2008) New crania of a primitive plesiadapid (Mammalia: "Plesiadapiformes") from the Late Paleocene of Alberta. *American Journal of Physical Anthropology* 46:17A.
- Coleman, M. N., and **Boyer, D. M.** (2008) Evolution of low frequency hearing in primates: evidence from fossils. *American Journal of Physical Anthropology* 46:80A.
- Jacobs, R. L., Patel, B. A., and **Boyer, D. M.** (2008) Does a large peroneal process on the first metatarsal reflect leaping behavior in primates? *American Journal of Physical Anthropology*. 46:124A.
- Kingston, A., **Boyer, D. M.**, Patel, B. A., Larson, S. G., and Stern Jr., J. T. (2008) Grasping of *Nycticebus coucang*: further implications for the functional significance of a large peroneal process. *American Journal of Physical Anthropology* 46:130A.
- Bloch, J. I. and **Boyer, D. M.** (2007) The oldest North American rodent skeleton: evaluation of the competition hypothesis in Paleocene primate evolution. *Journal of Vertebrate Paleontology* 27:49A.
- Boyer, D. M.** (2007) A test of the visual predation hypothesis of euprimate origins using diet-correlated measures of tooth shape. *Journal of Vertebrate Paleontology* 27:51A.
- Maiolino, S. A. and **Boyer, D. M.** (2007) Evidence from claw morphology for a diversity of positional behaviors in plesiadapid "plesiadapiforms." *Journal of Vertebrate Paleontology* 27:111A.
- Silcox, M. T., Bloch, J. I., **Boyer, D. M.**, and Houde, P. (2007) Cranial anatomy of *Labidolemur kayi* and the relationships of the Apatemyidae. *Journal of Vertebrate Paleontology* 27:147A.
- Boyer, D.M.** (2008) Guest Speaker. "Evolution of Diet in Primates: Implications for Adaptive Origins" University of Florida, Florida Museum of Natural History.

Anatomical Sciences

Farke, Andrew. (2007) Forget theropods – for variety we’ll take a ceratopsian any day. *Ceratopsian Symposium*. Drumheller, Alberta.

Farke, Andrew. (2007) Structural properties of the frill of *Triceratops*. *Ceratopsian Symposium*. Drumheller, Alberta.

Farke, Andrew. (2008) Evolution of the frontal sinuses in Bovidae. *Society of Integrative and Comparative Biology Annual Meeting*. San Antonio, TX.

McCartney, J. A., and Hill, R. V. (2007) On dyrosauride (Crocodylomorpha: Mesoeucrocodylia) postcranial remains from the Late Cretaceous and Paleocene of Mali. *Annual meeting of the Society of Vertebrate Paleontology*. Austin, TX.

❖ Curatorial Appointments

Farke, Andrew (2008) Curator of Paleontology. *Raymond M. Alf Museum of Paleontology*, Claremont, CA.

❖ Software Developed

Parent, Sara (2008) Student participant in the development and testing of the web application MorphoBank, *National Science Foundation* supported Assembling the Tree of Life grant.

❖ Other

Boyer, D.M. (2008) *Dryomomys szalayi* life reconstruction of fossil animal: color art for cover of following in press edited volume: *Mammalian Evolutionary Morphology: A Tribute to Frederick S. Szalay*. Edited by E. J. Sargis and M. Dagosto, cover. Springer, Dordrecht. Netherlands.

ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: ANDREAS KOENIG

❖ Grants, Fellowships and Awards

- Baden, Andrea L.** (2007) J. William Fulbright Fellowship, \$28,700. *Fulbright Program*, Washington, D.C.
- Baden, Andrea L.** (2007) Doctoral Dissertation Improvement Grant, \$14,953. *National Science Foundation*, Washington, D.C.
- Sluzas, E., Patel, E., **Derby, Abigail**, Johnson, S. (2007) Young Explorers Grant, \$5,000. *National Geographic Society*, Washington, DC.
- Sluzas, E., Patel, E., **Derby, Abigail**, Johnson, S. (2007) Conservation Grant, \$1,360. *Primate Conservation International*, Washington, DC.
- Elder, Alice.** (2007-2008) Doctoral Dissertation Improvement Grant, \$14,983. *National Science Foundation*, Washington, DC.
- Elder, Alice.** (2007) General Small Grant, \$1,500. *American Society of Primatologists*, Decatur, GA.
- Erb, Wendy M.** (2007-2008) Conservation Small Grant, \$1,500. *American Society of Primatologists*, Decatur, GA.
- Erb, Wendy M.** (2007-2008) Conservation Grant, \$4,000. *Conservation International*, Washington, DC.
- Erb, Wendy M.** (2008) Conservation Grant, \$10,000. *Margot Marsh Biodiversity Foundation*, Flourtown, PA.
- Erb, Wendy M.** (2008) Conservation Grant, \$2,460. *Primate Conservation, Inc.*, Charlestown, PI.
- Gilbert, Christopher C.** (2007) The Norman Creel Prize for Student Research in Anatomical Sciences, \$1,000. *Department of Anatomical Sciences, Stony Brook University*, Stony Brook, NY.
- Gilbert, Christopher C.** (2008) The Gaylord Donnelley Environmental Fellowship, \$42,000. *Yale Institute for Biospheric Studies, Yale University*, New Haven, CT.
- Gosselin-Ildari, Ashley.** (2007) National Science Foundation Graduate Research Fellowship, \$30,000 per year for three years. *National Science Foundation*. Arlington, VA.
- Hassel-Finnegan, Heather M.** (2008) Outstanding Student Poster and Manuscript. Primate Interest Group Student Award, \$200. *American Association of Physical Anthropologists*, Columbus, OH.
- Hassel-Finnegan, Heather M.** (2008) Outstanding Student Poster and Manuscript. Juan Comas Prize, \$500. *American Association of Physical Anthropologists*, Columbus, OH
- Martin, Sara.** (2007) Conservation Grant, \$1,940. *Primate Conservation Inc.* Charlestown, RI.
- Ossi, Kerry.** (2007-2008) Dissertation Fieldwork Grant, \$10,957. *Wenner Gren Foundation for Anthropological Research*, New York, NY.
- Patel, Biren A.** (2007) Conference Travel Award, \$1,012. Research and Scholarly Affairs Committee, *Ohio University College of Osteopathic Medicine*, Athens, OH.
- Royer, Danielle.** (2007) Doctoral Dissertation Improvement Grant, \$14,925. *National Science Foundation*, Washington, D.C.
- Royer, Danielle.** (2007) Dissertation Fieldwork Grant, \$10,490. *Wenner-Gren Foundation for Anthropological Research*, New York, NY.

- Royer, Danielle.** (2007) General Research Grant, \$6,171. *The Leakey Foundation*, San Francisco, CA.
- Salmi Roberta** (2007). Conservation Grant, \$2,800. *Primate Conservation Inc.*, Charleston, RI.
- Salmi Roberta** (2007). Grants-in-Aid of Research Program, \$400. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, NC.
- Scarry, Clara J.** (2007) Research Grant, \$7000. *The Leakey Foundation*, San Francisco, CA.
- Scarry, Clara J.** (2007) Doctoral Dissertation Improvement Grant, \$14,247. *National Science Foundation*, Washington, D.C.
- Scarry, Clara J.** (2008) Young Explorer's Grant, \$4,960. *National Geographic Society*, Washington, D.C.
- Sisk, Matthew L.** (2007) Middle and Upper Paleolithic Settlement in the Vézère Valley, France, \$7276. *The Leakey Foundation*, San Francisco, CA.

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

- Baden, Andrea L.** (2007) 2007 International Prosimian Congress. *Evolutionary Anthropology 16*: 201-203.
- Baden, Andrea L.** (2007) Social evolution: Mathematical models, mentors and monkeys. *Evolutionary Anthropology 16*: 159-160.
- Elder, Alice.** (in press) Hylobatid diets revisited: the importance of body mass, fruit availability, and interspecific competition. In S. Lappan, D.J. Whittaker, T. Geissmann (Eds.), *The Gibbons: New Perspectives on Small Ape Socioecology and Population Biology*.
- Erb, Wendy M.** (2008) Behavioral ecology of simakobu monkeys (*Simias concolor*) in northern Siberut, Indonesia. *ASP Bulletin 32*:8-10.
- Gilbert, Christopher C.** (2007) Craniomandibular morphology supporting the diphyletic origin of mangabeys and a new member of the *Cercocebus/Mandrillus* clade, *Procercocebus antiquus*. *Journal of Human Evolution 53*: 69-102.
- Gilbert, Christopher C.** (2007) Identification and description of the first *Theropithecus* (Primates, Cercopithecidae) from Bolt's Farm, South Africa. *Annals of the Transvaal Museum 44*: 1-10.
- Lodwick, Jessica.** (2007) Review of *Gorilla Society: What We Know And Don't Know* by AH Harcourt and KJ Stewart. *Evolutionary Anthropology 16*: 147-158.
- Malko, Helen.** (2007) A comparison of social and economic organization of cities and small settlements in Mesopotamia. *Ma'alta 1*: 90-105.
- Royer, Danielle.** (2008) Review of *The Evolution of Modern Humans in Africa – A Comprehensive Guide* by Pamela R. Willoughby. *PaleoAnthropology 2008* : 85-86.
- St Clair, Elizabeth.** (2007) Sexual dimorphism in the pelvis of *Microcebus*. *International Journal of Primatology, 28*: 1109 - 1122
- Wallace, Ian J.** (2007) Highlights of the 2007 meeting of the Paleoanthropology Society. *Evolutionary Anthropology, 16*:121-122.

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

- Coleman, M., **Baden, Andrea L.**, Jacobs, R.L., Patel, B.A. (2007) From hobbits to giants: Blue skies prevail in stormy Philadelphia. *Evolutionary Anthropology 16*: 123-125.

- Wright, P.C., King, S.J., **Baden, Andrea L.**, Jernvall, J. (in press) Aging in wild female lemurs: Sustained fertility with increased infant mortality. In Atsalis S, Margulis S, Hof PR (Eds.), *Reproductive Aging in Primates*. Basel: Karger Press.
- Baden, Andrea L.**, Brenneman, R.A., Louis, E.E. Jr. (in press) Morphometrics of wild black-and-white ruffed lemurs (*Varecia variegata*, Kerr 1972). *American Journal of Primatology*.
- Glascock, D.M., **Beyin, Amanuel**, Coleman, E.M. (2008) X-ray fluorescence and neutron activation analysis of Obsidian from the Red Sea coast of Eritrea. *Bulletin of International Association for Obsidian Studies* 38: 6-10.
- Bar-Yosef, E.D.M., **Beyin, Amanuel**. (in press) Late Stone Age shell middens on the Red Sea coast of Eritrea. *Journal of Island and Coastal Archaeology*.
- Doran-Sheehy, D.M., **Derby, Abigail**, Greer, D., Mongo, P. (2007) Habituation of Western lowland gorillas: The process and factors that influence it. *American Journal of Primatology* 69: 1345-1369.
- Twiss, K., **Demiregi, Arzu**, Russell, N., Martin, L., Frame S., Pawlowska, K., Henton, E., Orton D., Anderung C., and Gotherstrom, A. (2007) Archive Report 2007: Animal Bone Report.
- Gilbert, Christopher C.**, Rossie, J.B. (2007) Congruence of molecules and morphology using a narrow allometric approach. *Proceedings of the National Academy of Sciences, USA* 104: 11910-11914.
- Olejniczak, A.J., **Gilbert, Christopher C.**, Martin, L.B., Smith, T.M., Ulhaas, L., Grine, F. (2007) Maxillary molar enamel-dentine junction morphology in anthropoid primates. *Journal of Human Evolution* 53: 292-301.
- Fleagle, J.G., **Gilbert, Christopher C.**, Eds. (2008) *Elwyn Simons: A Search for Origins*. New York: Springer.
- Jernvall J., **Gilbert, Christopher C.**, Wright, P.C. (2008) Peculiar teeth homologies of the greater bamboo lemur (*Prolemur = Hapalemur simus*). In J.G. Fleagle and **Christopher C. Gilbert** (Eds.), *Elwyn Simons: A Search for Origins* (pp. 335-342). New York: Springer.
- Simons, E.L., Chatrath, P., **Gilbert, Christopher C.**, Fleagle, J.G. (2008) Five decades in the Fayum. In J.G. Fleagle and **Christopher C. Gilbert** (Eds.), *Elwyn Simons: A Search for Origins* (pp. 51-70). New York: Springer.
- Johansson, M.L., Banks, M.A., Glunt, K.D., **Hassel-Finnegan, Heather M.**, Buonaccorsi, V.P. (in press) Influence of habitat discontinuity, geographic distance, and oceanography on fine-scale population genetic structure of copper rockfish (*Sebastes caurinus*). *Molecular Ecology*.
- Larney, Eileen**, Yamee, A., Gibson, L., Pesek, D., Whitty, T., Whitman, B., Bprasapmu, A., Nueornghshiyos, W. (in press) Return of wild Phayre's leaf monkey infants to their social group in Phu Khieo Wildlife Sanctuary, Thailand. *Natural History Bulletin of the Siam Society*, 55(1).
- Gilbert, C.C., Grossman, A., **Lodwick, Jessica**. (2008) Diversity in *Australopithecus*. *Evolutionary Anthropology* 17: 3-4.
- Lu, Amy**, Borries, C., Koenig, A. (in press). Formal submission, tolerance, and socioecological models: A test with female Hanuman langurs. *Animal Behaviour*.

Anthropological Sciences

- Johnson, S.E., Runhua L., **Martin Sara K.** (In Press) Does *Eulemur cinereiceps* exist? Preliminary evidence from genetics and ground surveys in southeastern Madagascar. *American Journal of Primatology*.
- Coleman, M.N., Baden, A.L., Jacobs, R.L., **Patel, Biren A.** (2007) From hobbits to giants: Blue skies prevail in stormy Philadelphia." *Evolutionary Anthropology*. 16: 123-125.
- Patel, Biren A.** (in press) Primate and non-primate biology. *Evolutionary Anthropology*.
- Mensan, R., **Sisk, Matthew.** (2007) Les opérations de terrain: Poursuite de la fouille de l'abri Castanet nouveau secteur (secteur sud). In R.K. White (Ed), *Abri Castanet, secteurs sud et nord (Commune de Sergeac, Dordogne) Rapport de fouille programmée, Année 2007 (28–59)*. Bordeaux: Service Régional de l'Archéologie, Min. de la Culture.
- White, R., Cretin, C., Chiotti, L., Bourrillon, R., **Sisk, Matthew**, Gardère, Philippe. (2007) Fragment de la voûte gravée et colorée de l'abri Castanet (secteur nord). In RK White (Ed.): *Abri Castanet, secteurs sud et nord (Commune de Sergeac, Dordogne) Rapport de fouille programmée, Année 2007 (74-131)*. Bordeaux: Service Régional de l'Archéologie, Min. de la Culture.
- Royer, D., Gilbert, C., **Sisk, Matthew**, Wallace, I. (2007) The first humans: The 3rd Annual Stony Brook Human Evolution Symposium & Workshop. *Evolutionary Anthropology* 16: 86-87.
- van den Bogert, A.J., **Su, Anne** (2008) A weighted least squares method for inverse dynamic analysis. *Computer Methods in Biomechanics and Biomedical Engineering* 11: 3-9.
- Wallace, I.J., Demes, B., Jungers, W.L., Alvero, M., **Su, Anne.** (in press) The bipedalism of the Dmanisi hominins: Pigeon-toed early *Homo*? *American Journal of Physical Anthropology*.
- Wallace, Ian J.**, Demes, B., Jungers, W.L., Alvero, M., Su, A. (in press) The bipedalism of the Dmanisi hominins: Pigeon-toed early *Homo*? *American Journal of Physical Anthropology*.
- Wallace, Ian J.**, Demes, B. (in press) Symmetrical gaits of *Cebus apella*: Implications for the functional significance of diagonal sequence gait in primates. *Journal of Human Evolution*.
- Young, Jesse W.**, Patel, B.A., Stevens, N.J. (2007) Body mass distribution and gait mechanics in fat-tailed dwarf lemurs (*Cheirogaleus medius*) and patas monkeys (*Erythrocebus patas*). *Journal of Human Evolution* 51: 26-40.
- Adolph, K.E., Robinson, S.R., **Young, Jesse W.**, Gill-Alvarez, F. (in press) What is the shape of developmental change? *Psychological Review*.

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

- Fleagle, J.G., Gilbert, C.C., **Baden, Andrea L.** (2008) The uniqueness of the human cranium and the importance of fossils. 77th Annual Meeting of the American Association of Physical Anthropologists. Columbus, OH.
- Fleagle, J.G., Gilbert, C.C., **Baden, Andrea L.** (2007) Skull variation in living primates. 67th Annual Meeting of the Society for Vertebrate Paleontology. Austin, TX.
- Baden, Andrea L.**, Kelly, S., Engberg, S., Brenneman, R., Louis, E.E. (2007) Morphometric variation in wild black-and-white ruffed lemurs (*Varecia variegata*, Kerr 1792). 2007 International Prosimian Congress. Ithala, South Africa.

- Beyin, Amanuel.** (2007) Prehistoric Cultures on the Eastern Lowland-coast of Eritrea. *Annual Meeting of the African Studies Association*. New York, NY.
- Carl, Katherine M., Patel B.A., Larson S.G.** (2008) Forearm kinematics and hand postures: implications for interpretation of subchondral bone density patterns in the primate distal radius. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Demirergi, G. Arzu, Charles, M., Filipovic, D.** (2008) Two Sides of the Same Coin: Archaeological and ethnographic perspectives on storing and sharing food at Catalhoyuk: Part II: Sharing. *73rd Annual Meeting of the Society for American Archaeology*, Vancouver, BC.
- Derby, Abigail.** (2008) The interrelationship between population structure, forest ecology and behavior in red howler monkeys (*Alouatta seniculus*). *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Gilbert, Christopher C.** (2007) A new genus of papionin monkey from the Plio-Pleistocene of South Africa and the biogeography of the *Cercocebus/Mandrillus* clade. *67th Annual Meeting of the Society of Vertebrate Paleontology*, Austin, TX.
- Fleagle, J.G., **Gilbert, Christopher C., Baden, A.L.** (2007) Comparing primate crania: the value of fossils. *67th Annual Meeting of the Society of Vertebrate Paleontology*. Austin, TX.
- Gilbert, Christopher C., Rossie, J.B.** (2008) Narrow allometry in phylogenetic analysis of morphological data. *77th Annual Meeting of the American Association of Physical Anthropologists*, Columbus, Ohio.
- Fleagle, J.G., **Gilbert, Christopher C., Baden, A.L.** (2008) The uniqueness of the human cranium and the importance of fossils. *77th Annual Meeting of the American Association of Physical Anthropologists*, Columbus, OH.
- McGraw, W.S., **Gilbert, Christopher C., Delson, E.** (2008) Evidence of eagle predation in fossil cercopithecids from the Humpata Plateau, southern Angola. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Terhune, C.E., Smith, H.F., **Gilbert, Christopher C.** (2008) Environmental and dietary correlates of papionin temporal bone variation. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Gosselin-Ildari, Ashley D., Ketcham, R.A.** (2008) Ontogenetic variation in the femoral head of *Papio cynocephalus*. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Grossman, Aryeh.** (2008) The Environment of Early Miocene catarrhines at Kalodirr and Moruorot Hill. *77th Annual Meeting of the American Association of Physical Anthropology Annual Meeting*. Columbus, OH
- Grossman, Aryeh, Semprebon, G.** (2007) Low Magnification Dental Microwear of Early and Middle Miocene Catarrhines from Africa: Implications for Dietary Diversity. *67th Annual Meetings of the Society of Vertebrate Paleontology*. Austin, TX
- Hassel-Finnegan, Heather M., Borries, C., Larney, E., Umponjan, M., Koenig, A.** (2008) How reliable are density estimates in diurnal primates? *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.

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- Bogaard, A., Charles, M., Fairbairn, A., Ertu, F., Twiss, K., **Henecke, Jennifer**, Yalman, N. (2008) Two sides of the same coin: Archaeological and ethnographic perspectives on storing and sharing food at Çatalhöyük. Part I: Food storage. *73rd Annual Meeting of the Society for American Archaeology*. Vancouver, BC.
- Bogaard, A., Charles, M., Twiss, K., **Henecke, Jennifer**, Ertu, F., Fairbairn, A., Yalman, N. (2008) Out of sight, out of mind? Food storage behaviour at Neolithic Çatalhöyük. *British Association for Near Eastern Archaeology Annual Conference/Bioarchaeology in SW Asia: Recent Advances*. Liverpool, UK.
- Jacobs, Rachel L.**, Patel, B.A., Boyer, D.M. (2008) Does a large peroneal process on the first metatarsal reflect leaping behavior in prosimian primates? *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Kingston, Amanda K.**, Patel, B.A., Boyer, D.M., Larson, S.G., Stern, J.T. Jr. (2008) Hallucal grasping in *Nycticebus coucang*: further implications for a functional significance for a large peroneal process. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Borries, C., **Larney, Eileen**, Lu, A., Ossi, K., Koenig, A. (2008) Costs of large groups: Developmental and reproductive rates in wild Phayre's leaf monkeys (*Trachypithecus phayrei*). *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Hassel-Finnegan, H.M., Borries, C., **Larney, Eileen**, Umponjan, M., Koenig, A. (2008) How reliable are density estimates in diurnal primates? *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Larney, Eileen**, Borries, C., Koenig, A. (2008) Genetic and social influences on dispersal decisions in Phayre's leaf monkeys. *International Primatological Society XXII Congress*. Edinburgh, Scotland.
- Lodwick, Jessica**, Doran-Sheehy, D. (2008) Female social relationships in *Gorilla gorilla* at Mondika. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Doran-Sheehy, D., Mongo, P., Lodwick, Jessica, Conklin-Brittain, N.L. (2008) The role of leaves and herbs as fallback foods in *Gorilla gorilla* diet at Mondika: an examination of nutrient content and seasonal variation in intake. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Borries, C., Larney, E., **Lu, Amy**, Ossi, K., Koenig, A. (2008) Costs of large groups: Developmental and reproductive rates in wild Phayre's leaf monkeys (*Trachypithecus phayrei*). *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Maiolino, Stephanie**, Boyer, D. (2008) Evidence from claw morphology for a diversity of positional behaviors in plesiadapid "Plesiadapiforms". *67th Annual Meetings of the Society of Vertebrate Paleontology*. Austin, TX.
- Malko, Helen**. (2007) A comparison of social and economic organization of cities and small settlements in Mesopotamia, *Annual Meeting of American School of Oriental Research*. San Diego, CA.
- Merwin, Daria**, Bernstein, D., Abe, Y., Lam, Y. (2007) The Archaeology of World War I Training Facilities at Camp Upton, New York. *Soldiers, Cities, and Landscapes: Papers in Honor of Charles L. Fisher*. New York State Museum, Albany, NY.
- Borries, C., Larney, E., Lu, A., **Ossi, Kerry**, Koenig, A. (2008) Costs of large groups: Developmental and reproductive rates in wild Phayre's leaf monkeys (*Trachypithecus phayrei*). *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.

- Patel, Biren A.** (2008) Morphological investigation of cercopithecoid hand postures. *XXII Congress of the International Primatological Society*, Edinburgh, Scotland.
- Patel, Biren A.,** Wunderlich, R. (2008) Speed effects on palmar pressure in digitigrade baboons (*Papio anubis*). *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Carl, K.M., **Patel, Biren A.,** Larson, S.G. (2008) Forearm kinematics and hand postures: implications for interpreting subchondral bone density patterns in the primate distal radius. *77th Annual Meeting of the American Association of Physical Anthropologists*, Columbus, OH.
- Kingston, A., Boyer, D.M., **Patel, Biren A.,** Larson, S.G., Stern, J.T. Jr. (2008) Hallucal grasping in *Nycticebus coucang*: further implications for the functional significance of a large peroneal process. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.
- Jacobs, R.L., **Patel, Biren A.,** Boyer, D.M. (2008) Does a large peroneal process on the first metatarsal reflect leaping behavior in prosimian primates? *77th Annual Meeting of the American Association of Physical Anthropologists*, Columbus, OH.
- Patel, Biren A.,** Uppal, K., Polk, J.D. (2008) Primate hand postures across symmetrical and asymmetrical gaits. *Annual Meeting of the Society for Integrative and Comparative Biology*, San Antonio, TX.
- Wunderlich, R.E., **Patel, Biren A.** (2008) Peak pressures and cheiridial postures in baboons (*Papio anubis*). *Annual Meeting of the Society for Integrative and Comparative Biology*, San Antonio, TX.
- Patel, Biren A.,** Rossie, J.B., Biechele, M., Hill, A. (2007) Functional morphology of the *Equatorius africanus* hand. *67th Annual Meeting of the Society Vertebrate of Paleontology*. Austin, TX.
- Sisk, Matthew,** Mensan, R., White, R. (2008) Topographic interpolation as a tool for excavation: Examples from the Abri Castanet, Dordogne (France). *17th Annual Meeting of the Paleoanthropology Society*, Vancouver, BC.
- Sisk, Matthew,** Villeneuve, S., Cross, G. (2008) Methodological advances in recording housepit stratigraphy: Using GIS to integrate disparate data *73rd Annual Meeting of the Society for American Archaeology*, Vancouver, BC.
- Spafford, J., Villeneuve, S., **Sisk, Matthew,** McMaster, T. (2008) Reconstructing regional settlement patterns in the Mid-Fraser Canyon. *73rd Annual Meeting of the Society for American Archaeology*, Vancouver, BC.
- Su, Anne.** (2008) Allometry of trabecular thickness in the non-human primate astragalus. *77th Annual Meeting of the American Association of Physical Anthropologists*, Columbus, OH.
- Wallace, Ian J.,** Demes, B. (2008) Footfall patterns and peak vertical substrate reaction forces in *Cebus apella*. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, Ohio.
- Wheeler, Brandon C.** (2008) Are the alarm calls of tufted capuchin monkeys (*Cebus apella*) functionally referential? *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, OH.

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Wheeler, Brandon C. (2008) False Alarm! Do tufted capuchin monkeys (*Cebus apella*) use anti-predator calls to usurp resources from conspecifics? *XXII Congress of the International Primatological Society*. Edinburgh, UK.

Janson, C.H., Karpanty, S.M., **Wheeler, Brandon C.** (2008) Experimental approaches to studying primate-predator interactions: From risk to alarm. *XXII Congress of the International Primatological Society*. Edinburgh, UK.

Young, Jesse W. (2007) Ontogeny of joint mechanics in squirrel monkeys (*Saimiri boliviensis*). *Annual meeting of the Texas Biological Anthropological Consortium*. Austin, TX.

Young, Jesse W. (2008) Ontogeny of joint mechanics in squirrel monkeys (*Saimiri boliviensis*). *Annual meeting of the Society for Integrative and Comparative Biology*. San Antonio, TX.

Young, Jesse W. (2008) Forelimb and hind limb forces in development squirrel monkeys (*Saimiri boliviensis*). *77th Annual meeting of the American Association of Physical Anthropologists*. Columbus, OH.

❖ Post-Doctorates Obtained and Professional Appointments

Derby, Abigail. (2008) Adjunct Professor. Biology Department, *Benedictine University*, Lisle, IL.

Gilbert, Christopher C. (2008-2010) Gaylord Donnelley Environmental Fellow. Yale Institute for Biospheric Studies and Department of Anthropology, *Yale University*, New Haven, CT.

Patel, Biren A. (2007) Postdoctoral Fellow/Gross Anatomy Instructor. Department of Biomedical Sciences, *Ohio University College of Osteopathic Medicine*, Athens, OH.

Royer, Danielle F. (2008) Clinical Assistant Professor. College of Health Related Professions, Department of Occupational Therapy, *SUNY Downstate*, Brooklyn, NY.

Young, Jesse. (2007-2008) Postdoctoral Researcher. Department of Anthropology, *University of Texas*, Austin, TX.

❖ Research Reports

Lodwick, Jessica. (2007) *Western Gorilla Female Foraging and Sociality: Role of Contest Competition*. Final grant report for 2006 General Research Grant, The Leakey Foundation, San Francisco, CA.

APPLIED MATHEMATICS AND STATISTICS

GRADUATE DIRECTOR: XIAOLIN LI
DEPARTMENT CHAIR: JAMES GLIMM

❖ Jointly Authored Publications/Research Reports/Reviews

- Ahn, K.**, Haynes, C, Kim, W, **St.Fleur, R**, Gordon, D, Finch, SJ (2007). The effects of SNP genotyping errors on the power of the Cochran-Armitage linear trend test for case/control association studies. *Annals of Human Genetics* 71: 249-54.
- Bo, Wurigen, Liu, Xingtao**, Cheng, B., Du, J., **Fix, Brian**, George, E., Glimm, J., Grove, J., Jia, X., Jin, H., Lee, H., Li, Y., Li, X., Sharp, D. H., **Wu, Lingling**. and Yu, Y. (2007) Recent progress in the stochastic analysis of turbulent mixing. *Contemporary Mathematics* 429:33-34.
- Bo, Wurigen, Kim, Dongyung, Liu, Xingtao**, Jin, H., Lee, H., Pestieau, J. N., Yu, Y., Glimm, J., and Grove, J. (in press). Multi phase closure models. *Computers & Mathematics with Applications*.
- Bo, Wurigen, Fix, Brian**, Glimm, J., Li, X., **Liu, Xingtao**, Samulyak, R. and **Wu, Lingling**. (in press) FronTier and Applications to Scientific and Engineering Problems. *Proceedings of International Congress of Industrial and Applied Mathematics*.
- Chebroly, Uday., Kumar, Piyush**. and Mitchell, J.S.B. (in press) On Finding Large Empty Convex Bodies in 3D Scenes of Polygonal Models. *International Conference on Computational Science and its Applications*.
- Chen, Yongzhi** and Deng, Y. (in press) Task Mapping on Supercomputer with Cellular Network *Computer Physics Communications*.
- Chu, Adrienne**, Ahn, H., Hlwan., B., Kalmin, B., Barkun, A., Lagoudakis, M. and Kumar, A. (2008) Machine learning facilitates rapid identification of cohort with severe gastrointestinal bleeding for urgent resuscitation and endoscopy. *Artificial Intelligence in Medicine* 42: 247-259.
- Ahn, H., Moon, H., **Fazzari, Melissa J., Lim, Noha**, Chen, J. J. and Kodell, R. L. (2007) Classification by ensembles of random partitions. *Journal of Computational Statistics and Data Analysis*, 51: 6166-6179.
- Fix, Brian**, Glimm, J., **Kaufman, Ryan**, Li, X. and **Wu, Lingling**. (in press) FronTier and Application to Fluid Instability Study, Verification and Validation of FronTier Code and Application to Fluid Interfacial Instabilities. *Proceedings of World Conference on Turbulence Mixing and Beyond*.
- Han, Bo** and Wang, J. (2008) Least dissipation cost as a design principle for robustness and function of cellular networks. *Phys. Rev. E* 77.
- Lapidus, S., **Han, Bo** and Wang, J. (2008) Intrinsic noise, dissipation cost, and robustness of cellular networks: The underlying energy landscape of MAPK signal transduction. *Proc. Natl. Acad. Sci.* 105:6039-6044.
- Ji, Xiaomei**, Lu, T., Xu, Z. L., Samulyak, R. and Glimm, J. (2008) Dynamic Phase Boundaries for Compressible Fluids. *SIAM J. Sci. Comp.* 2: 895-915.
- Lim, Hyun-Kyung**, Liu, J., Glimm, J. and Li, X. (2007) A conservative front tracking method in N-dimensions. *J. of Sci. Comp.* 31:213-236.
- Lim, Hyun-Kyung, Kim, Dongyung**, Yu, Y., Jin, H., Lee, H., Glimm, J., Li, X. and Sharp, D.H. (in press) Multi scale models for fluid mixing. *Special issue CMAME*.

- Surkova, S., Kosman, D., Kozlov, K., **Manu**, Myasnikova, E., Samsonova, S., Spirov, A., Vanario-Alonso, C. E., Samsonova, M. and Reinitz, J. (2008). Characterization of the *Drosophila* segment determination morphome, *Developmental Biology*, 313:844-862.
- Krozel, J., Penny, S., **Prete, Joseph** and Mitchell, J. S. B. (2007) Automated Route Generation for Avoiding Deterministic Weather in Transition Airspace. *Journal of Guidance, Control, and Dynamics* 30(1):144–153.
- Polishchuk, Valentin** and Mitchell, J. S. B. (in press) Minimum-perimeter enclosures. *Information Processing Letters*.
- Krozel, J., Mitchell, J. S. B., **Polishchuk, Valentin** and **Prete, Joseph** (2007) Maximum Flow Rates for Capacity Estimation in Level Flight with Convective Weather Constraints. *Air Traffic Control Quarterly* 15(3):209–238.
- Leng, Ling, Zhang, Tianyi**, Kleinman, L. and Zhu, W. (2007) Ordinary Least Square Regression, Orthogonal Regression, Geometric Mean Regression and Their Applications in Aerosol Science. *Journal of Physics: Conference Series* 78.
- Volkow, N. D., **Ma, Yeming**, Zhu, W., Fowler, J. S., Li, J., Rao, M., Mueller, K., **Pradhan, Kith**, Wong, C. and Wang, G.-J. (2008) Moderate doses of alcohol disrupt the functional organization of the human brain. *Psychiatry Research* 162(3):205-213.
- Volkow, N. D., Fowler, J. S., Wang, G.-J., Telang, F., Logan, J., Wong, C., **Ma, Yeming, Pradhan, Kith**, Benveniste, H. and Swanson, J. M. (2008) Methylphenidate decreased the amount of glucose needed by the brain to perform a cognitive task. *PLoS ONE*. 3(4):e2017.
- Volkow, N. D., Wang, G.-J., Telang, F., Fowler, J. S., Logan, J., Childress, A. R., Jayne, M., **Ma, Yeming** and Wong, C. (2008) Dopamine increases in striatum do not elicit craving in cocaine abusers unless they are coupled with cocaine cues. *Neuroimage* 39(3):1266-73.
- Volkow, N. D., Wang, G.-J., Newcorn, J., Fowler, J. S., Telang, F., Solanto, M.V., Logan, J., Wong, C., **Ma, Yeming**, Swanson, J. M., Schulz, K. and **Pradhan, Kith**. (2007) Brain dopamine transporter levels in treatment and drug naïve adults with ADHD. *Neuroimage* 34(3):1182-90.
- Volkow, N. D., Wang, G.-J., Newcorn, J., Telang, F., Solanto, M.V., Fowler, J. S., Logan, J., **Ma, Yeming**, Schulz, K., **Pradhan, Kith**, Wong, C. and Swanson, J. M. (2007) Depressed dopamine activity in caudate and preliminary evidence of limbic involvement in adults with attention-deficit/hyperactivity disorder. *Arch Gen Psychiatry* 64 (8):932-940.
- Volkow, N. D., Wang, G.-J., Telang, F., Fowler, J. S., Logan, J., Jayne, M., **Ma, Yeming, Pradhan, Kith** and Wong, C. (2007) Profound Decreases in Dopamine Release in Striatum in Detoxified Alcoholics: Possible Orbitofrontal Involvement. *J Neurosci*. 27 (46):12700-12706.
- Tintle, N.L.**, Gordon, D., McMahon, F.J., Finch S.J. (2007). Using duplicate genotyped data in genetic analyses: testing association and estimating error rates. *Statistical Applications in Genetics and Molecular Biology*, 6: article no 4.
- Tung L**, Gordon D, Finch SJ (2007). The impact of genotype misclassification errors on the power to detect a gene-environment interaction using Cox proportional hazards modeling. *Human Heredity*, 63: 101-110.
- Wu, Yu Feng**, Myasnikova, E. and Reinitz, J. (2007) Master equation simulation analysis of immunostained *bicoid* morphogen gradient. *BMC Systems Biology* 1:52.
- Feinberg, E. A. and **Yang, Fenghsu** (2008) On Polynomial Classification Problems for Markov Decision Processes. *Proceedings of the 2008 NSF Engineering Research and Innovation Conference, Knoxville, TN, January 7-10, 2008 (CD)*.

Baram, D., Daroowalla, F., Garcia, R. B., **Zhang, Guangxiang**, Chen, J. J., Healy, E., Riaz, S. A., Richman, P. S. (in press) Use of the All Patient Refined-Diagnosis Related Group (APR-DRG) Risk of Mortality Score as a Severity Adjustor in the Medical ICU. *Clinical Medicine: Circulatory, Respiratory and Pulmonary Medicine*.

Kacer, M., Lane, A. H., **Zhang, Guangxiang**, Chen, J. J., Wilson, T. A. (in press) Effect of Inspiration / Expiration on Height Measurement. *Journal of Pediatric Endocrinology & Metabolism*.

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

Baez-Revueltas, F. Berenice and Zhu, W. (2008) Residual Logistic Regression. *Stony Brook University AMS Graduate Student Conference*. Stony Brook, NY.

Balius, Trent E. and Rizzo, R. C. (2008) Computational binding models for ligands with EGFR: Characterizing the basis of resistance. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Balius, Trent E. and Rizzo, R. C. (2007) Computational Binding Models for Ligands with EGFR: Characterizing the Basis of Resistance. *234th American Chemical Society National Meeting*. Boston, MA.

Bo, Wurigen. (2008) Grid Based Surface Untangle for 3 Components. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Bo, Wurigen, Glimm, J., Li, X. (2008) Numerical Study of Jet Spray Formation in Diesel Injectors. *AMS Sectional Meeting, 2008 Spring Eastern Meeting*. New York, NY.

Brady, Christine. (2008) Power Analysis of Finite Mixtures of Poisson Distributions. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

R.S. Seright, W.Brent Lindquist, **Rong Cai** (2008) Understanding the Rate of Clean Up for Oil Zones after a Gel Treatment. *2008 SPE Improved Oil Recovery Symposium*. Tulsa, OK.

Green, D. F. and **Cheng, Jonathan H.** (2007) Decoding the specificity of G-protein subunit association through computational protein design. *Biophysical Society 51st Annual Meeting*. Baltimore, MD.

Green, D. F. and **Cheng, Jonathan H.** (2007) Decoding the specificity of G-protein subunit association through computational protein design. *The 21st Symposium of the Protein Society*. Boston, MA.

Chu, Adrienne. (2008) A decision support system to facilitate management of patients with acute gastrointestinal bleeding. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Fei, Jun and Eugene Feinberg (2007) Variance Minimization for Constrained Discounted Continuous-Time Markov Decision Processes. *INFORMS Annual Meeting*. Seattle, WA.

Fujimoto, Yukiji. (2008) Computational models explain the oligosaccharide specificity of Cyanovirin-N. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Green, D. F., **Fujimoto, Yukiji.** and TerBush, R. N. (2007) Carbohydrate recognition by anti-viral cyanobacterial proteins: Computational approaches to understanding and design. *The 21st Symposium of the Protein Society*. Boston, MA.

Iwerks, Justin, Glimm, J., **Fix, Brian, Kaufman, Ryan**, Li, X. (2008) The Benchmark of FrontTier Library and its Applications to Scientific and Engineering Problems. *AMS Sectional Meeting, 2008 Spring Eastern Meeting*. New York, NY.

- Ji, Xiaomei.** (2008) Transonic Shock Formation in a 2D Riemann Problem for Compressible Euler Equations. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Ji, Xiaomei.** (2008) Transonic Shock Formation in a Rarefaction Riemann Problem for the 2-D Compressible Euler Equations. *12th International Conference on Hyperbolic Problems: Theory, Numerics and Application*. College Park, MD.
- Kaman, Tulin** (2008) Simulations of Turbulent Combustion in a Type Ia Supernova *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY
- Kaufman, Ryan.** (2007) Implementation of ITAPS specification in FronTier. *ITAPS Boot Camp, RPI*. Troy, NY.
- Kim, Dongyung** (2008) Fluid simulations of Multi Scale Models. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Kim, Joondong, Mitchell, J. S. B., Polishchuk, Valentin** and Vihavainen, A. (2008) Routing a Maximum Number of Disks through a Scene of Moving Obstacles. *Proc. 24th Annual Symposium on Computational Geometry (Multimedia Session)*, ACM. College Park, MD.
- Kim, Joondong** (2008) Scheduling Aircrafts to Reduce Controller Workload. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Leng, Ling, Zhang, Tianyi, Kleinman, L. and Zhu, W.** (2007) Orthogonal Regression, Reverse Regression, Heteroscedastic Linear Models and Their Applications in Aerosol Science. *SciDAC 2007*. Boston, MA.
- Leng, Ling** and Zhu, W. (2008) Compound and Constrained Regression Analyses. (Invited talk) *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Lim, Hyun-Kyung , Glimm, J. and Yu, Y.** (2008) The Mathematics and Numerics of Chaotic Mixing Fluids. *AMS Sectional Meeting, 2008 Spring Eastern Meeting*. New York, NY.
- Lim, Hyun-Kyung.** (2008) Chaos, Transport, Mesh Convergence for Fluid Mixing. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Ahn, H. and **Lim, Noha.** (2007) Classification by Ensembles of logistic regression models from random partitions. *Proceedings of the US-Korea Conference on Science, Technology, and Entrepreneurship, Korean-American Scientists and Engineers Association, Basic Science, 1-12*. Reston, VA.
- Liu, Xingtao.** (2008) Breakup of a Highspeed Jet. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Mitchell, J. S. B. and **Packer, Eli.** (2007) Computing Geometric Structures of Low Stabbing Number in the Plane. *Proc. 17th Fall Workshop on Computational and Combinatorial Geometry*, Hawthorne, NY.
- Arkin, E., Mitchell, J. S. B. and **Polishchuk, Valentin** (2008) Maximum Thick Paths in Static and Dynamic Environments. *Proc. 24th Annual Symposium on Computational Geometry*, ACM. College Park, MD.
- Krozel, J., Mitchell, J. S. B., **Polishchuk, Valentin,** and **Prete, Joseph.** (2007) Capacity Estimation for Airspaces with Convective Weather Constraints. *AIAA Guidance, Navigation, and Control Conference*. Honolulu, HI.
- Manu.** (2008) Canalization of gap gene expression during early development in *Drosophila melanogaster*.. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Mukherjee, Sudipto.** (2008) Specific Improvements in Virtual Screening Methods. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Mukherjee, Sudipto** and Rizzo, R. C. (2007) Poster. Improved methods and protocols for docking. *American Chemical Society 234th National Meeting*. Boston, MA.

- Mukherjee, Sudipto** and Rizzo, R. C. (2007) Poster. Improved methods and protocols for docking. *ICBDD Symposium*. Stony Brook, NY.
- Mukherjee, Sudipto** and Rizzo, R. C. (2008) Poster. Improved methods and protocols for docking. *New York Structural Biology 3rd Annual Winter Meeting*. New York, NY.
- Mukherjee, Sudipto** and Rizzo, R. C. (2008) Poster. Improved methods and protocols for docking. *Chemistry Research Day*. Stony Brook, NY.
- Patsalo, Vadim**. (2008) Design and synthesis of minimal and persistent protein complexes. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Packer, Eli**. (2008) Robust Geometric Computing. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Bender, M. A., Fekete, S. P., Kröller, A., Liberatore, V., Mitchell, J. S. B., **Polishchuk, Valentin** and Suomela, J. (2007) The Minimum-Backlog Problem. *International Conference on Mathematical Aspects of Computer and Information Sciences, MACIS'07*. Paris, France.
- Arkin, E. M., Mitchell, J. S. B. and **Polishchuk, Valentin** (2007) Two New Classes of Hamiltonian Graphs. *Proc. European Conference on Combinatorics, Graph Theory and Applications*, Electronic Notes in Discrete Mathematics Vol 29C:565–569. Seville, Spain.
- Polishchuk, Valentin**, Arkin, E. M., Aronov, B., Barnard, K., Coogan, K., Efrat, A. and Mitchell, J. S. B. (2007) On Matching Robustness and Geometric Stable Marriage. *Kyoto International Conference on Computational Geometry and Graph Theory*. Kyoto, Japan.
- Mitchell, J. S. B. and **Polishchuk, Valentin** (2007) Thick Non-Crossing Paths and Minimum-Cost Flows in Polygonal Domains. *Proc. 23rd Symposium on Computational Geometry (SoCG'07)*:56–65. Gyeongju, Korea.
- Pradhan, Kith** and Zhu, W. (2008) Correlation Statistics and Methodology in 3D Datasets. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Krozel, J., **Prete, Joseph**, Mitchell, J. S. B., **Kim, Joondong** and **Zou, Jason**. (2008) Capacity Estimation for Super-Dense Operations. *AIAA Guidance, Navigation, and Control Conference*. Honolulu, HI.
- Prete, Joseph**, Krozel, J., Mitchell, J. S. B., **Kim, Joondong** and **Zou, Jason**. (2008) Flexible, Performance-based Route Planning for Super-Dense Operations. *AIAA Guidance, Navigation, and Control Conference*. Honolulu, HI.
- Mitchell, J. S. B., **Sabhnani, Girishkumar**, Krozel, J., Hoffman, R., Yousefi, A. and Kopardekar, P. (2008) Dynamic Airspace Configuration Management based on Computational Geometry Techniques. *AIAA Guidance, Navigation, and Control Conference*. Honolulu, HI.
- Sabhnani, Girishkumar R.** (2008) Distributed Algorithms for Sensor Network Localization. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.
- Basu, A., Mitchell, J. S. B. and **Sabhnani, Girishkumar**. (2008) Geometric Algorithms for Optimal Airspace Design and Air Traffic Controller Workload Balancing. *Proc. Tenth Workshop on Algorithm Engineering and Experiments (ALENEX'08)*, SIAM Proceedings in Applied Mathematics. San Francisco, CA.
- Sarkar, Rik, Zhu, Xianjin**, Gao, J. and Mitchell, J. S. B. (2008) Light-weight Contour Tracking in Wireless Sensor Networks. *27th IEEE Conference on Computer Communications (INFOCOM'08)*. Phoenix, AZ.
- Sarkar, Rik, Zhu, Xianjin**, Gao, J., Guibas, L. J., and Mitchell, J. S. B. (2008) Iso-Contour Queries and Gradient Routing with Guaranteed Delivery in Sensor Networks. *27th IEEE Conference on Computer Communications (INFOCOM'08)*. Phoenix, AZ.
- Sharpe, Kathryn** and Zhu, W. (2008) Path Analysis with Subject-Level Covariates. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Applied Mathematics and Statistics

Wu, Lingling, Samulyak, R. and Lu, T. (2008) 4th order embedded boundary algorithm for Maxwell's equations. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Wu, Lingling. (2007) Simulations of electromagnetic processes on complex geometries. *Computational Science Center Seminar*. Upton, NY.

Wu, Yu Feng. (2008) Master equation simulation analysis of immunostained Bicoid morphogen gradient. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Rajaram, M., **Zhang, Jianping**, Liu, Q., Markowitz, S., Mu, D. and Powers, S. (2008) Poster. Genome-wide analysis of focal deletions in colon cancer reveals a new class of genetic instability. *American Association for Cancer Research Annual Meeting*. San Diego, CA.

Zhang, Tianyi and Zhu, W. (2008) Cluster Analysis and Its Application in Aerosol Mass Spectrum Analysis. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

Zou, Jingyu. (2008) Aircraft Routing in the Vicinity of Airports. *Stony Brook AMS Graduate Student Conference*. Stony Brook, NY.

❖ Post-Doctorates Obtained and Professional Appointments

Braunstein, Janet. (2007) Assistant Professor. Department of Mathematics, *US Military Academy at West Point*, West Point, NY.

Lee, Jung Yeon (2008). Research Scientist. Department of Psychiatry, *New York University*. New York, NY.

Yang, Yang (2007). Research Scientist. *United States Food and Drug Administration*, Washington, D.C.

ART

GRADUATE DIRECTOR (PH.D.): BARBARA E. FRANK
(MFA): STEPHANIE DINKINS
DEPARTMENT CHAIR: ANITA MOSKOWITZ

❖ Grants, Fellowships, and Award

- English, Travis.** (2008) Grant for Intensive Language Study in Germany, €2650. *Deutscher Akademischer Austausch Dienst (German Academic Exchange Service)*, New York, NY.
- Hayes, Shannan Lee.** (2009) Thinktank 3, A 21st Century Foundations Program Emerging Educator's Fellow, juried opportunity ship, \$1,000. *The Institute for Integrative Teaching (IIT)*, Chicago, IL.
- Hellstein, Valerie.** (2008) The Patricia and Phillip Frost Fellowship, \$25,000. *Smithsonian American Art Museum*, Washington, D.C.
- Modigliani, Leah.** (2008) The HBA Graduate Student Travel Award, *Historians of British Art at Case Western Reserve University*. Historians of British Art - Case Western Reserve University, Cleveland, OH.

❖ Singly Authored Publications/Research Reports/Reviews

- English, Travis.** (2008) Otto Dix's *Lasurtechnik* and the Dialectics of Tradition, *Art Criticism*, 22 (2) 19-36.
- Grove, Jaleen.** (In press) Listening Eyes. *Visual Communication Quarterly*.
- Grove, Jaleen.** (2008) Appreciating the Art of Duncan Weller, Illustrator. *Duncan Weller*. Thunder Bay: Thunder Bay Art Gallery.
- Kuntz, Katrina L.** (2007) Matthew Brannon review. *ArtUS*, 20 (Winter 2007): 49.
- Kuntz, Katrina L.** (2008) Kenny Scharf review. *ArtUS*, 21 (New Year 2008): 52.
- Kuntz, Katrina L.** (in press) Richard Prince review. *ArtUS*.
- Kuntz, Katrina L.** (in press) McDermott & McGough review. *ArtUS*.
- Macchiavello, Carla.** (2007) Between Abstraction and Figuration: The Contradictions of David Alfaro Siquieros' "Dialectic-Subversive Painting," 1932-1942. *Art Criticism*, 22 (2): pp. 51-68.
- MacQueen, Kathleen.** (2008) (in press) Review of *The Image and the Witness: Trauma, Memory and Visual Culture, The Artbook* (Spring).
- MacQueen, Kathleen.** (2007) Review of *Beautiful Suffering: Photography and the Traffic in Pain, The Artbook 14* (4): 66.
- Modigliani, Leah.** (2007) Shape Shifting: The Changing Objects of Modernism and its Aftermath. *Art Criticism* 22 (2): 69-81.
- Modigliani, Leah.** (2008) The Instability of Politics and Slight Gestures : The 2008 Whitney Biennial. *C Magazine* 98 (Summer).
- Williams, Tom.** (2008) "Lipstick Ascending: Claes Oldenburg in New Haven in 1969." *Grey Room* 31: 116-144.

Williams, Tom. (2007) Architecture and Artifice in the Recent Work of Krzysztof Wodiczko. In Reid Cooper, Luke Nicholson, and Jean-Francois Bélsile (Eds.) *Shifting Borders: Collected Essays on Boundaries within Visual Culture*. Cambridge, England: Cambridge Scholars Press.

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

Butler, Emily (2008) Perception and Nihilation: The Phenomenological Realism of Sartre and Giacometti. *North American Sartre Society 16th Biennial Conference*. University of Mary Washington, VA.

English, Travis. (2008) Politicizing the Flesh: Verist Nudes and the Cultural Politics of Prostitution in Weimar Germany. *Au Naturel: Studying the Representation of the Nude in Art, The 34th Annual Cleveland Symposium*. Cleveland Museum of Art, Cleveland, OH.

Grove, Jaleen. (2008) Shedding Light on Art History, Visual Communication, and Visual Culture. *4th biennial William A. Kern Communications Conference on Visual Communication: Rhetorics and Technology*. Rochester Institute of Technology and Strathallan Hotel, Rochester, NY.

Hayes, Shannan Lee. (2009, juried opportunity) Thinktank 3, *A 21st Century Foundations Program Emerging Educator's Conference and Workshop*. The School of the Art Institute of Chicago, Chicago, IL.

Kuntz, Katrina L. (2007) In Flux: The Current Conditions of Criticism. *Mid-Atlantic Popular/American Culture Association Annual Conference*. Philadelphia, PA.

Kuntz, Katrina L. (2008) Copying the Copy: Doug Huston's and Sally Alatalo's Re-Presentations of the Western and Romance Genres. *Certified Authentic? Counterfeits, Copies, and Constructions of Culture, 7th Annual Graduate Student Symposium*, Bard Graduate Center. New York, NY.

Macchiavello, Carla. (2007) Performing Dislocation in a Digitally Layered Urban Landscape. *Layering. IAPL Conference*. Nicosia, Cyprus.

Modigliani, Leah. (2008) Painting Improved Breeds in the Age of Enlargement. *College Art Association Annual Conference*. Dallas, TX.

Modigliani, Leah. (2008) Louis Vuitton and the Luxury Market after the End of Art. *Public Lecture*. Nova Scotia College of Art and Design, Halifax, Nova Scotia.

Presutti, Kelly. (2007) Caricature and the Olfactory Revolution: Sniffing Out the Attack Against Courbet. *Courbet Now: Young Scholars Respond*. Institute of Fine Arts – NYU, New York, NY.

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

Kuntz, Katrina L. (2007-present) Adjunct Instructor. Visual Art Department, *Dowling College*, Oakdale, NY.

❖ **Curatorial Appointments**

Macchiavello, Carla. (2007) *Operación Deisy*. Santiago, Chile.

❖ **Exhibitions/Performances**

Furtak-Cole, Austin (group) SUNY Art Student Exhibition Series, *SUNY Albany*, Albany, NY, 2008.

Furtak-Cole, Austin (group) Group Affective Grandeur. *Toast*, Port Jefferson, New York, 2008.

Goodrich, Alan. (group) Metavision. *Folon Museum*, Brussels, Belgium, 2007.

Goodrich, Alan. (group) Sonic Fragments. *Princeton University*, Princeton, NJ, 2008.

Granger, Kristine, (solo) Iron Ore Heritage Trail, “Missing Community”, *Public Art Commission*. Negaunee, MI, 2008.

Modigliani, Leah. (group) Arena: The Art of Hockey. *Art Gallery of Nova Scotia*, Halifax, Nova Scotia.

Peña, Verónica. (group) Art Student Exhibition 2007. *ISE Cultural Foundation*, New York City, NY, 2007.

Peña, Verónica. (group) VII Premio de Pintura de Utebo. *Mariano Mesonada Gallery*, Utebo, Zaragoza/Spain, 2007.

Peña, Verónica. (group) SUNY Art Student Exhibition. *State University Plaza Gallery*, Albany, NY, 2008.

❖ **Internship Appointments**

Grove, Jaleen. (2008) Research Assistant. *Illustration House*, New York, NY.

BIOCHEMISTRY AND STRUCTURAL BIOLOGY

GRADUATE DIRECTOR: ERWIN LONDON
DEPARTMENT CHAIR: ROBERT HALTIWANGER

❖ Grants, Fellowships, And Awards

Rafi, Salma Banu. (2007) Chemical Computing Group Research Excellence Award, \$1150. *American Chemical Society (COMP Division)*, Washington DC.

Rafi, Salma Banu (2008) Sigma Xi Award for Excellence in Research, *Sigma Xi International Research Society*, Stony Brook, NY.

Wickstrom, Lauren. (2007) Sigma Xi Award for Excellence in Research, *Sigma Xi International Research Society*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Luo, Y., Luther, K.B., and Haltiwanger, R.S. (2007) *O*-Fucosylation of Glycoproteins. In H. Kamerling, (Ed.) *Comprehensive Glycoscience*. Elsevier, 4: 209-227.

Shi, S., Ge, C., **Luo, Y.**, Hou, X., Haltiwanger, R.S. and Stanley, P. (2007) The threonine that carries fucose, but not fucose, is required for Cripto to facilitate Nodal signaling. *J. Biol. Chem.* 282: 20133-20141.

Wang, X., Lee, C., Gilmour, D.S. and Gergen, J.P. (2007) Transcription elongation controls cell specification in the *Drosophila* embryo. *Genes & Dev.*, 21: 1031-36.

Okur, Asim; **Wickstrom, Lauren**; Simmerling, C. (2008) Evaluation of Salt Bridge Structure and Energetics in Peptides Using Explicit, Implicit, and Hybrid Solvation Models. *J. Chem. Theory Comput.* (4): pp.488-498.

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

Ahmed, Mahiuddin (2007) Inhibition of amyloid assemblies using designed peptides, small molecules, and naturally occurring proteins. *Society for Neuroscience*. San Diego, CA.

Rafi, Salma Banu, Song, Kun; Sullivan, Todd J.; Kisker, Caroline; Tonge, Peter J.; Simmerling, Carlos., (2007). MD simulations help capture TB drug designs' most wanted: mechanism of active site loop ordering. *233rd ACS National Meeting*. Chicago, IL.

Rafi, Salma Banu, Tonge, Peter J.; Simmerling, Carlos L. (2007). Predicting modifications to the inhibitor of InhA, the *M.tb* enoyl reductase enzyme to stabilize inhibitor-active site loop interactions using computational chemistry tools. *234th ACS National Meeting*. Boston, MA.

Wickstrom, Lauren, Balias, T., Okur, A., Simmerling, C. (2008) Making the Appropriate Splash with your Biomolecule: Effect of Different Explicit Water Models on Peptide and Protein Structure. (Poster). *235th ACS National Meeting*. New Orleans, LA.

Wickstrom, Lauren, Bi, Y., Raleigh, D., Simmerling, C. (2008) The Dynamic Nature of the Folded and Unfolded States of the Villin Headpiece Helical Subdomain: An Ultra fast Folding Protein. (Poster). *University of Minnesota: Institute for Mathematics and its Applications Protein Folding Workshop*. Minneapolis, MN.

Wickstrom, Lauren, Bi, Y., Raleigh, D., Simmerling, C. (2007) To Be Native or Not to be Native, that is the Question: Studies of the Unfolded State Structure of the Villin Headpiece Helical Subdomain. *234th ACS National Meeting*. Boston, MA.

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

Rafi, Salma Banu. (2008) Post-doctorate Scholar. Department of Pharmaceutical Chemistry, *University of California at San Francisco*, San Francisco, CA.

BIOMEDICAL ENGINEERING

GRADUATE DIRECTOR: HELMUT STREY
DEPARTMENT CHAIR: CLINTON RUBIN

❖ Grants, Fellowships, and Award

- Georgi, Melissa** (2008) Zweifach Student Travel Award, \$500. *Microcirculatory Society*, San Diego, CA.
- Georgi, Melissa** (2007) Full Scholarship and Travel Stipend for National Simulation Research Physiome Project Modeling Course, \$1000. *National Simulation Research Physiome Project c/o Department of Bioengineering, University of Washington*, Seattle, WA.
- Ruppel, Meghan** (2007) Young Investigator Travel Award. *29th American Society for Bone and Mineral Research Meeting*, Honolulu, HI.

❖ Jointly Authored Publications/Research Reports/Reviews

- Bluestein, D., **Alemu, Y.**, Avrahami, I., Gharib, M., Dumont, K., Ricotta, J.J., Einav, S. (2008) Influence of microcalcifications on vulnerable plaque mechanics using FSI modeling. *J. Biomech.* 41(5): pp. 1111-1118.
- Alemu, Y.**, Bluestein, D. (2007) Flow-induced platelet activation and damage accumulation in a mechanical heart valve: numerical studies. *Artificial Organs* 31(9):677-688.
- Raz, S., Einav, S., **Alemu, Y.**, Bluestein, D. (2007) DPIV prediction of flow induced platelet activation-comparison to numerical predictions. *Ann Biomed Eng.* 35(4): 493-504.
- Chung, C.**, Bien, H., Entcheva, E. (2007) The role of cardiac tissue alignment in modulating electrical function. *Journal of Cardiovascular Electrophysiology*, 18(12): 1323-9.
- Mujica-Parodi, L.R., **Korgaonkar, Mayuresh S.**, Ravindranath, B., Greenberg, T., Tomasi, D., Wagshul, M.E., Ardekani, B., Guilfoyle, D., Khan, S., Zhong Y., Chon, K., Malaspina, D. (in press) Limbic dysregulation is associated with lowered heart rate variability and increased trait anxiety in healthy adults. *Human Brain Mapping*.
- Luu, Y. K.**, Lublinsky, S., Ozcivici, E., Capilla, E., Pessin, J. E., Rubin, C. T., Judex, S. (in press) *In Vivo* Quantification of Subcutaneous and Visceral Adiposity by Micro Computed Tomography in a Small Animal Model. *Medical Engineering Physics*.
- Rubin, C.T., Capilla, E., **Luu, Y. K.**, Busa, B., Crawford, H., Nolan, D.J., Mittal, V., Rosen, C., Pessin, J.E., Judex, S. (2007) Adipogenesis is Inhibited by Brief, Daily Exposure to High Frequency, Extremely Low Magnitude Mechanical Signals, an Attribute Achieved by Suppressing Mesenchymal Stem Cell Commitment to Adipocytes. *Proceedings of the National Academy of Science* 104 (45): 17879-17884.
- Macri, L.** & Clark, R.A.F. (in press) Tissue Engineering for Cutaneous Wounds: Selecting the Proper Time and Space for Growth Factors, Cells, and Extracellular Matrix. In J. Fluhr and P. Elsner (Eds.) *Current Problems in Dermatology: Tissue Engineering*.
- Macri, L.**, Silverstein, D. & Clark, R.A.F. (2007) Growth factor binding to the pericellular matrix and its importance in tissue engineering. *Advanced Drug Delivery Reviews* 59(13): 1366-1381.
- Ozcivici, E.**, Garman, R., Judex, S. (2007) High-frequency oscillatory motions enhance the simulated mechanical properties of non-weight bearing trabecular bone. *Journal of Biomechanics* 40(15):3404-3411.

- Lublinsky, S., **Ozcivici, E.**, Judex, S. (2007) An automated algorithm to detect the trabecular-cortical bone interface in microCT images. *Calcified Tissue International* 81(4): 285-93.
- Luu, Y. K., Lublinsky, S., **Ozcivici, E.**, Capilla, E., Pessin J. E., Rubin, C. T., Judex S. (in press) *In Vivo* Quantification of Subcutaneous and Visceral Adiposity by Micro Computed Tomography in a Small Animal Model. *Medical Engineering & Physics*
- Ozcivici, E.**, **Luu, Y. K.**, Rubin, C. T., Judex, S. (2007) High-Resolution Imaging of Organs and Tissues by *in Vivo* Micro-Computed Tomography. In Y.X. Qin (Ed), *Protocols in Musculoskeletal Research: A Practical Manual for Laboratory Techniques*. Totowa, NJ: The Humana Press
- Goldstein, Rita, Z., **Parvaz, Muhammad, A.**, Maloney, Thomas, Alia-Klein, Nelly, Woicik, Patricia, A., Telang, Frank, Wang, Gene-Jack & Volkow, Nora, D. (in press) Compromised sensitivity to monetary reward in current cocaine users: An ERP study. *Psychophysiology*.
- Ruppel, M.E.**, Miller, L.M, Burr, D.B. (in press). The effect of the microscopic and nanoscale structure on bone fragility. *Osteoporosis International*.
- Fuchs, R.K, Allen, M.R., **Ruppel, M.E.**, Diab, T., Phipps, R.J., Miller, L.M., Burr, D.B. (2008). In situ examination of the time-course for secondary mineralization of Haversian bone using synchrotron-assisted Fourier transform infrared microspectroscopy. *Matrix Biol.* 27(1): 34-41.
- Nobili, M, **Sheriff, J**, Morbiducci, U, Redaelli, A. & Bluestein, D. (2008) Platelet activation due to hemodynamic shear stresses: damage accumulation model and comparison to *in vitro* measurements. *ASAIO Journal* 54(1): 64-72.
- Swierczewska, M.**, Hajicharalambous, C., Janorkar, A. V., Megeed Z., Yarmush, M. L., & Rajagopalan, P. (in press) Cellular Response to Nanoscale Elastin Like Polypeptide Polyelectrolyte Multilayers. *Acta Biomaterialia*.
- Xia, Y.**, Lin, W., Qin, Y-X. (2007) Bone Surface Topology Mapping and its Role in Trabecular Bone Quality Assessment using Scanning Confocal Ultrasound. *Osteoporosis International* 18(7):905-913.
- Yu, H.J.**, Chen, X., Foglyano, R.M., Wilson, C.G. & Solomon, I.C. (2008) Respiratory Network Complexity in Neonatal Rat *In Vivo* and *In Vitro*. *Adv. Exp. Med. Biol.* 605: 393-8.
- Zhang, Chaolin**, Li, W-H., Krainer, A.R. & Zhang, M.Q. (in press) An RNA landscape of evolution for optimal exon and intron discrimination. *Proc. Nat. Acad. Sci. USA*.
- Zhang, Chaolin**, Hasting, M.L., Krainer, A.R. & Zhang, M.Q. (2007). Dual-specificity splice sites function alternatively as 5' and 3' splice sites. *Proc. Nat. Acad. Sci. USA* 104(38):15028-15033.
- Zhang, Chaolin**, Krainer, A.R. & Zhang, M.Q. (2007) Evolutionary impact of limited splicing fidelity in mammalian genes. *Trends Genet.* 23(10): 484-488.

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

- Alemu, Yared** (2007) Risk of Rupture in Vulnerable Plaque and Abdominal Aortic Aneurysm – FSI Modeling. *2007 BMES Annual Fall Meeting*. Los Angeles, CA.
- Bosch, C.**, Lublinsky, S., Xu, S., **Ozcivici, E.** & Judex, S. (2007) Bone's mechanical properties, as determined by microCT, are dependent on precise contour lines. *33rd IEEE Annual Bioengineering Conference*, Stony Brook, NY.
- Engel, Matthew** (2008) The N-terminal Nucleocapsid Forming Domain of the Hepatitis C Virus is Unfolded. *Joint NSLS and CFN Users' Meeting*. Brookhaven National Laboratory. Upton, NY.
- Engel, Matthew** (2007) The Visual System: Optical Anatomy, Phototransduction, and the Retina. *Practicum Teaching: Neuroscience*. Stony Brook University, Stony Brook, NY.

Biomedical Engineering

- Engel, Matthew** (2007) Ion Channels: Structure and Function. *Practicum Teaching: Neuroscience*. Stony Brook University, Stony Brook, NY.
- Feng, Xin** (2007) Incorporate Gene Ways into Naive Bayes Classifier for Functional Interaction Predication. *Cold Spring Harbor Laboratory Special Bioinformatics Seminar*. Cold Spring Harbor, NY.
- Guanming, Wu, **Feng, Xin** (2008) A Pathway-Based System to Understand the Functional Relationships Among a Gene Set. *The Seventh Cold Spring Harbor Laboratory/Wellcome Trust Conference on Genome Informatics*. Cold Spring Harbor, NY.
- Georgi, M.K.B.,** Frame, M.D. (2008) Osmotic increase suppresses endothelial dependent vasodilation in murine cremaster muscle. *Experimental Biology 2008*. San Diego, CA.
- Georgi, M.K.B.,** Frame, M.D. (2008) Disruption of bulk shear rate with glucose exposure in the microcirculation. *16th International Conference on Mechanics in Medicine and Biology*. Pittsburgh, PA.
- Korgaonkar, Mayuresh S.,** Fiore, S., Perkins, C.J., Squires, N. K., Yan, Z, Wagshul, M.E. (2008) Task Difficulty Differences with Age in a Functional MRI Verb Generation Task. *International Society of Magnetic Resonance in Medicine 16th Scientific Meeting and Exhibition*. Toronto, Canada.
- Korgaonkar, Mayuresh S.,** Fiore, S., Perkins, C.J., Squires, N. K., Yan, Z. & Wagshul, M.E. (2008) Correlation Modulation Networks to Assess Changes in Functional Connectivity with Task Difficulty. *International Society of Magnetic Resonance in Medicine 16th Scientific Meeting and Exhibition*. Toronto, Canada.
- Levine, Y.A.,** Tamari, Y., Leonard, E., Li, J.H., Yang, H., Chavan, S. & Tracey K.J. (2007) Development of a Filter for the Selective Detoxification of Extracorporeal Blood. *Feinstein Institute for Medical Research Annual Research Retreat*. New Paltz, NY.
- Levine, Y.A.,** Ochani, M., Ochani, K., Tamari, Y. & Tracey, K.J. (2007) Elevated Plasma Hemoglobin in Cecal Ligation and Puncture-Induced Sepsis. *Shock Society 30th Annual Conference on Shock*. Baltimore, MD.
- Levine, Y.A.,** Y. Tamari, Y.T. Harris, E.F. Leonard & Tracey, K.J. (2008) A Miniaturized Extracorporeal System for Removal of Toxins. *34th Annual Northeast Bioengineering Conference*. Providence, RI.
- Luu, Y. K.,** Capilla, E., Pessin, J. E., Judex, S. & Rubin, C. T. (2008) Mechanical Stimulation of Mesenchymal Stem Cell Differentiation to Enhance Bone Formation: Are Osteoblasts the Only Way to a Better Skeleton? *Orthopedic Research Society Annual Meeting*, San Francisco, CA
- Luu, Y. K.,** Capilla, E., Pessin, J. E., Judex, S. & Rubin, C. T. (2007) Mechanical enhancement of bone quality is paralleled by suppression of fat production. Can osteoporosis and obesity be countered through the same mechanism? *American Society of Bone and Mineral Research Annual Meeting*. Honolulu, HI
- Ozcivici, E.,** Lublinsky, S., Rubin, C., Donahue, L. & Judex, S. (2007) Musculoskeletal response to altered mechanical demand is tissue specific and influenced by genetic make-up. *Journal of Bone and Mineral Research* 22: S490-S490 Suppl. 1, Sept. 2007.
- Keng, Y., **Ozcivici, E.,** Lublinsky, S., Squire, M. & Judex, S. (2007) Modulation of trabecular bone's micromechanical properties by genetic background. *Biomedical Engineering Society*, Los Angeles, CA.
- Parvaz, Muhammad, A.,** Maloney, Thomas, Woicik, Patricia, A., Alia-Klein Nelly, Telang Frank, G-J., Wang, Volkow Nora D., Goldstein, Rita Z. (2007) Compromised sensitivity to relative monetary reward in Current Cocaine Addiction: evidence from the P300. *Annual Meetings of Society for Neuroscience*. San Diego, CA. *Selected by the SFN's Public Education and Communication Committee for a Neuroscience 2007 Press Book submission.

- Parvaz, Muhammad, A.** (2007) Recording Brain Waves: Electroencephalogram (EEG) and its Clinical Application. *Bridging the Gap: 7th Annual Meeting of Suffolk County Criminal Justice/Addiction Workgroup*. Bethpage, NY.
- Ruppel, M.E.,** Carlson, C.S. & Miller, L.M. (2007) Alterations in Collagen Structure and Mineral Composition in Calcified Cartilage and Subchondral Bone in a Monkey Model of OA. *J Bone Miner. Res.* 22:S384.
- Shen, Tabitha,** Peter, Yang, Kelly, A. Warren, Melissa, N. Rodriguez & Solomon, Irene C. (2007) Influence of temperature on spectral dynamics underlying phrenic nerve discharge in an arterially-perfused adult rat. *2007 Annual Neuroscience Meeting*. San Diego, CA.
- Shen, Tabitha,** Perkins, Matthew, Kelly, H., Warren, A., & Solomon, I.C. (2008) Influence of extracellular $[K^+]$ on inspiratory-phase synchronization in arterially-perfused adult rat. *2008 Experimental Biology Meeting*. San Diego, CA.
- Sheriff, Jawaad** (2007) Platelet Activation Due to Hemodynamic Shear Stresses: Damage Accumulation Model and Comparison to *in vitro* Measurements. *BMES Annual Fall Meeting*. Los Angeles, CA.
- Hajicharalambous, C., Sheng, X., **Swierczewska, M.,** Rubner, M. F. & Rajagopalan, P. (2007) Corneal Epithelial Cell Response to Nano- And Sub-Micron Porous Surface Topographies. *AICHE Annual Meeting*, Salt Lake City, UT.
- Hajicharalambous, C., Sheng, X., **Swierczewska, M.,** Rubner, M. F. & Rajagopalan, P. (2007) Corneal Epithelial Cell Response To Nano- And Sub-Micron Porous Polyelectrolyte Films. *BMES Annual Fall Meeting*, Los Angeles, CA.
- Zhang, Chaolin,** Zhang, Z., Castle, J., Sun, S., Johnson, J., Krainer, A.R. & Zhang, M.Q. (2007) Comprehensive prediction and characterization of pre-mRNA targets of the tissue-specific alternative splicing factors Fox-1/2. *RECOMB Regulatory Genomics 2007*. MIT/Broad Institute, Boston, MA.
- Zhang, Chaolin,** Zhang, Z., Castle, J., Sun, S., Johnson, J., Krainer, A.R. & Zhang, M.Q. (2007) Comprehensive prediction and characterization of pre-mRNA targets of the tissue-specific alternative splicing factors Fox-1/2. *Eukaryotic mRNA Processing*. Cold Spring Harbor, NY.
- Zhang, Chaolin,** Hasting, M.L., Krainer, A.R. & Zhang, M.Q. (2007) Dual-specificity splice sites function alternatively as 5' and 3' splice sites. *Eukaryotic mRNA Processing*. Cold Spring Harbor, NY (poster).
- Zhang, Chaolin,** Hasting, M.L., Krainer, A.R., Zhang, M.Q. (2007) Dual-specificity splice sites are used as 3' and 5' splice sites. *RNA 2007 Annual Meeting*. Madison WI.

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

- Luu, Y. K.** (2008) Post-doctoral Researcher. Departments of Medicine and Molecular Pharmacology. *Albert Einstein College of Medicine*, Bronx, NY.

❖ **Internship Appointments**

- Engel, Matthew** (2008) Intellectual Property Internship. *Forest Laboratories, Inc*, Commack, NY.

Biomedical Engineering

❖ **Exhibitions/Performances**

Engel, Matthew (2008) (Stony Brook University Wind Ensemble) Music From Around the World.
Staller Center, Stony Brook, NY.

❖ **Other**

Parvaz, Muhammad, A., Goldstein, Rita, Z. (2007). Cocaine abuse blunts sensitivity to monetary reward.
Brookhaven National Laboratory Online Press Release.

CHEMISTRY

GRADUATE DIRECTOR: NANCY S. GOROFF

DEPARTMENT CHAIR: BENJAMIN S. HSIAO

❖ Grants, Fellowships, and Awards

- Bi, Yuan.** (2008) Sigma Xi Award for Excellence in Research. *Stony Brook Chapter of Sigma Xi*, Stony Brook, NY.
- Chen, Shuyi.** (2007) Ajinomoto Travel Award, *Ajinomoto Co., Inc.*, Japan.
- Choi, Jun Yong.** (2007) ACS MEDI Travel Grants, \$1000. *ACS Division of Medicinal Chemistry*, 234th ACS National Meeting, Boston, MA.
- Das, Manisha.** (2007) Travel Award, \$769. *Ajinomoto*, Boston, MA..
- Das, Manisha.** (2008) Travel Award, \$1,161 *Ajinomoto*, New Orleans, LA.
- Dogan Fulya.** (2007), The Maria Tzamarioudaki Fellowship, \$1,500 per year, *Department of Chemistry, Stony Brook University*. Stony Brook, NY.
- Jiang, Meng.** (2007) Sigma-Xi Travel Award. *Stony Brook University Chapter of Sigma Xi*. Stony Brook, NY.
- Lee, Younjoo,** (2007) Sigma Xi Travel Award, \$200. *Stony Brook Chapter of Sigma Xi*. Stony Brook, NY.
- Lee, Younjoo.** (2008) Sigma Xi Award for Excellence in Research. *Stony Brook Chapter of Sigma X.*, Stony Brook, NY
- Li, Hwei-Jiun.** (2008) Graduate/Postdoctoral travel award, \$1,000. *American Society for Biochemistry and Molecular Biology*. Bethesda, MD.
- Luo, Liang.** (2008) Sigma Xi Award for Excellence in Research. *Stony Brook Chapter of Sigma Xi*, Stony Brook, NY.
- Machutta, Carl.** (2007) Sigma Xi Award for Excellence in Doctoral Research, \$1,000. *Sigma Xi Scientific Research Society, Stony Brook Chapter*. Stony Brook, NY
- Machutta, Carl.** (2007) Chairman's Fund Travel Award, \$1,000. *Tuberculosis Drug Development Gordon Research Conference*. Magdalen College, University of Oxford. Oxford, UK.
- Morgan, Kellie.** (2007) IGERT 3MT Fellowship, \$30,000. *National Science Foundation*. Arlington, VA.
- Shi, Ce.** (2008) Sigma Xi Award for Excellence in Research. *Stony Brook Chapter of Sigma Xi*. Stony Brook, NY.
- Sun, Liang.** (2007) Sigma Xi Award for Excellence in Doctoral Research. \$1,000. *Stony Brook Chapter of Sigma Xi Scientific Research Society, Stony Brook Chapter*. Stony Brook, NY.
- Teng, Y.H. Gary.** Sigma Xi Travel Award. \$150. *Stony Brook Chapter of Sigma Xi*, Stony Brook, NY.
- Thomas, Suzanne** (2007-2008) GAANN, \$25,575. *Department of Education*. Washington, D.C.
- Wickstrom, Lauren.** (2008) Sigma Xi Award for Excellence in Research. *Stony Brook Chapter of Sigma Xi*. Stony Brook, NY.
- Yang, Xinxin.** (2007) 2007 ACS Travel Award, \$650. *The ACS Division of Biological Chemistry*. Washington, D.C.

Zhang, Feng. Sigma Xi Travel Award, \$250. *Stony Brook Chapter of Sigma Xi*. Stony Brook, NY.

Zhang, Huaning. (2007) Travel award from the ACS Division of Biological Chemistry for the ACS National Meeting, \$650 plus reimbursement for the registration fee at the member rate. *ACS National Meeting*. Boston, MA.

Zhang, Huaning. (2008) Graduate/Postdoctoral travel fellowship for the Experimental Biology 2008 Meeting, \$1,000 plus the advanced society “member rate” meeting registration fee. *Experimental Biology 2008 Meeting*. San Diego, CA.

Zhang, Huaning. (2007) Grant for High-throughput screening of the inhibitors against *Mycobacterium Tuberculosis*, \$10,000. *NRPB*, Harvard Medical School. Boston, MA.

Zhou, Hongjun. (2008) Sigma Xi Award for Excellence in Research. *Stony Brook Chapter of Sigma Xi*. Stony Brook, NY.

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

Dufour, Antoine. (In press) Role of the Hemopexin Domain of Matrix Metalloproteinases in Cell Migration, *Journal of Cellular Physiology*.

Zhou, Hongjun. Wong, S. S., (in press) A Facile, Ambient Synthesis of Industrially Relevant One-Dimensional Transition Metal Oxide Nanowires and Nanowire Arrays. *ACS Nano*.

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

Chen, Hailong and Grey, Clare P. (in press) Molten Salt Synthesis and High Rate Performance of The “Desert-Rose” form of LiCoO₂. *Advanced Materials*.

Ballou, L.M., Selinger, E.S., **Choi, Jun Yong**, Drueckhammer, D.G., and Lin, R.Z., (2007) Inhibition of Mammalian Target of Rapamycin Signaling by 2-(morpholine-1-yl)pyrimido[2,1- α]isoquinoline-4-one. *Journal of Biological Chemistry*, 282(33):24463-24479.

Chow, C.Y., Raghothamachar, B., Carvajal, J.J., Chen, H., and Dudley, M. (2008) Synthesis of GaN Nanostructures at Low Temperatures by Chemical Vapor Deposition. *Materials Research Society Symposium Proceedings 1080E*: 1080-O08-01.

Marek P., **Gupta R.**, Raleigh D. P., (in press) The Fluorescent Amino Acid p-Cyanophenylalanine Provides an Intrinsic Probe of Amyloid Formation. *ChemBioChem*.

Marek P., Abedini A., Song B., Kanungo M., Johnson, M., **Gupta R.**, Zaman W., Wong S. S. and Raleigh D. P. (2007) Aromatic Interactions are not Required for Amyloid Fibril Formation by Islet Amyloid Polypeptide but do Influence the Rate of Fibril Formation and Fibril Morphology. *Biochemistry* 20:46(11):3255-61.

Li Y., **Gupta R.**, Cho J., Raleigh D. P. (2007) Mutational Analysis of the Folding Transition State of the C-terminal Domain of Ribosomal Protein L9: A Protein with an Unusual Beta-sheet Topology. *Biochemistry*, 46(4):1013-21.

Holmes, Lesley; Peng, L.; Heinmaa, I.; O’Dell, L.A.; Smith, M. E.; Vannier, R-N.; Grey, C.P. (in press) Variable Temperature ¹⁷O NMR Study of Oxygen Motion in the Anionic Conductor Bi₂₆Mo₁₀O₆₉. *Chemistry of Materials*.

Peng, Luming, **Huo, Hua**, Gan, Zhehong; Grey, Clare P. (2008), ¹⁷O MQMAS NMR Studies of Zeolite HY, *Microporous and Mesoporous Materials*, 109(1-3), 156-162.

- Huo, Hua**, Peng, L., Grey, C.P. (2007), Probing Brønsted Acid Sites in Zeolite HY with Low Temperature ^{17}O MAS NMR spectroscopy, *Studies in Surface Science and Catalysis*, 170(1), 783-789, (Proceedings of the 15th International Zeolite Conference).
- Kim, Jongsik**, Nielsen, U., Grey, C.P. (2008) Local Environments and Lithium Adsorption on the Iron Oxyhydroxides Lepidocrocite (γ -FeOOH) and Goethite (α -FeOOH): A ^2H and ^7Li Solid-State MAS NMR Study, *Journal of American Chemical Society*, 130:1285-1295.
- Shahidullah, Kurshida**, London, E. (in press) Effect of Lipid Composition on the Topography of Membrane-Associated Hydrophobic Helices: Stabilization of Transmembrane Topography by Anionic Lipids. *Journal of Molecular Biology*.
- Chiou, W.-H., Schoenfelder, A., **Sun, Liang**, Mann, A., Ojima, I. (2007) Rhodium Catalyzed Cyclohydrocarbonylation Approach to the Syntheses of Enantiopure Homokainoids. *J. Org. Chem.* (72): 9418-9425.
- Ojima, I., Chen, J., **Sun, Liang**, Borella, C. P., Wang, T., Miller, M. L., Lin, S., Geng, X., Kuznetsova, L., Qu, C., Gallager, D., Zhao, X., Zanardi, I., Xia, S., Horwitz, S.B., Clair, J. M., Guerriero, J. L., Bar-Sagi, D., Veith, J. M., Pera, P., Bernacki, R. J. (in press) Design, Synthesis and Biological Evaluation of New Generation Taxoids. *J. Med. Chem.*
- Wan, Fen**, Zhang, J., Chu, B., (in press) Advances in Electrophoretic Techniques for DNA Sequencing and Oligonucleotide Analysis. *Advances in Chromatography*.
- Chen, X., Burger, C., **Wan, Fen**, Zhang, J., Rong, R., Hsiao, B., Chu, B., Cai, J., Zhang, L., (2007) Structure Study of Cellulose Fibers Wet-Spun from Environmentally Friendly NaOH/Urea Aqueous Solutions. *Biomacromolecules* 8(6):1918-1926.
- Xu, H.**, Sullivan, T. J., Sekiguchi, J., Kirikae, T., Ojima, I., Stratton, C. F., Mao, W., Rock, F. L., Alley, M. R., Johnson, F., Walker, S. G., Tonge, P. J. (2008) Mechanism and Inhibition of saFabI, the Enoyl Reductase from *Staphylococcus aureus*. *Biochemistry* 47(14):4228-36.
- Bonnac, L., Gao, G. Y., Chen, L., Felczak, K., Bennett, E. M., **Xu, H.**, Kim, T., Liu, N., Oh, H., Tonge, P. J., Pankiewicz, K. W. (2007) Synthesis of 4-phenoxybenzamide adenine dinucleotide as NAD Analogue with Inhibitory Activity Against Enoyl-ACP Reductase (InhA) of *Mycobacterium tuberculosis*. *Bioorg. Med. Chem. Lett.* 17(16):4588-91.
- Avila-Orta, C. A., Medellin-Rodriguez, F. J., Davila-Rodriguez, M. V., Aguirre-Figueroa, Y. A., **Yoon, K.**, and Hsiao, B. S., (2007) Morphological Features and Melting Behavior of Nanocomposites Based on Isotactic Polypropylene and Multi Walled Carbon Nanotubes, *Journal of Applied Polymer Science* 106 (4): pp 2640-2647.
- Koo, J., Shin, K., Seo, Y. -S., Koga, T., Park, S., Satija, S. K., Chen, X., **Yoon, K.**, Hsiao, B. S., Calev, H., Sokolov, J., and Rafailovich, M., (2007) Control of Dewetting Dynamics at a Polymer-Polymer interface by Adding Multiwalled Carbon Nanotubes, *Macromolecules* 40(26): 9510-9516.
- Chu, B., Hsiao, B.S., and **Yoon, K.**, (2008) Nanofiber and Nanocomposite-Fiber Technology for Environmental Applications. *AATCC review* 8(2):31 -33
- Zeng, D.**, Cabana, J., Bréger, J., Yoon, W., Grey, C. P. (2007) Cation Ordering in $\text{Li}[\text{Ni}_x\text{Mn}_x\text{Co}(1-2x)]\text{O}_2$ -Layered Cathode Materials: A Nuclear Magnetic Resonance (NMR), Pair Distribution Function, X-ray Absorption Spectroscopy, and Electrochemical Study. *Chem. Mater.* 19: 6277-6289.
- Zhang, Fen**, and Wong, S. S. (in press) Room-Temperature Preparation, Characterization, and Photoluminescence Measurements of Solid Solutions of Various Compositionally-Defined Single-Crystalline Alkaline-Earth Metal Tungstate Nanorods. *Chemistry of Materials*
- Zhang, Fen**, Mao, Y., Park, T. -J. and Wong, S. S. (2008) Green Synthesis and Property Characterization of Single-Crystalline Perovskite Fluoride Nanorods. *Advanced Functional Materials* (Cover)18(1): 103-112.

- Mao, Y, Park, T. -J., **Zhang, Fen**, Zhou, H., and Wong, S. S. (2007) Environmentally Friendly Methodologies of Nanostructure Synthesis. *Small* 3(7): 1122-1139.
- Zhou, H.**, Li, Y., Aronson, M. C. and Wong, S. S. (in press) Ambient Template Synthesis of Multiferroic MnWO_4 Nanowires and Nanowire Arrays. *J. Solid State Chem.*,
- Zhou, H.**; Mao, Y. and Wong, S. S., (2007) Probing Structure-Parameter Correlations in the Molten Salt Synthesis of BaZrO_3 Perovskite Submicrometer-Sized Particles. *Chem. Mater.* 19:5238-5249.
- Zhou, H.**, Mao, Y. and Wong, S. S. (2007) Shape Control and Spectroscopy of Crystalline BaZrO_3 Perovskite Particles. *J. Mater. Chem.* 17:1707-1713.
- Burger, C., **Zhou, H.-W.**, Wang, H., Sics, I., Hsiao, B.S., Chu, B., Graham, L., and Glimcher, M.J. (in press) Lateral Packing of Mineral Crystals in Bone Collagen Fibrils. *Biophysical Journal* 95(1).
- Burger, C., **Zhou, H.-W.**, Sics, I., Hsiao, B.S., Chu, B., Graham, L., and Glimcher, M.J. (2008) SAXS Study of Intramuscular Fish Bone: Collagen Fibril Superstructure Determined from Equidistant Meridional Reflections. *Journal of Applied Crystallography* 41(2): 252-261.
- Wu, J., Wang, X, F., Keum, J.-K., **Zhou, H.-W.**, Gelfer, M., Avila-Orta, C.A., Pan, H., Chen, W., Chiao, S.-M., Hsiao, B.S., and Chu, B. (2007) Water Soluble Complexes of Chitosan-g-MPEG and Hyaluronic Acid. *Journal of Biomedical Materials Research - Part A* 80(4): 800-812.
- Zhou, H.-W.**, Burger, C., Sics, I., Hsiao, B.S., Chu, B., Graham, L., and Glimcher, M.J. (2007) Small-Angle X-ray Study of the Three-Dimensional Collagen/Mineral Superstructure in Intramuscular Fish Bone. *Journal of Applied Crystallography* 40(S1): 666-668.
- Sun, Y., Zhang, L.-H., **Zhou, H.-W.**, Zhu, Y., Sutter, E., Ji, Y., Rafailovich, M.H., and Sokolov, J.C. (2007) Seedless and Templateless Synthesis of Rectangular Palladium Nanoparticles. *Chemistry of Materials* 19 (8): 2065-2070.
- Zuo, Feng**, Keum, Jongkakh, Chen, Xuming, Hsiao, Benjamin S., Chen, Hongyu, Lai, Shih-Yaw, Wevers, Ronald. (2007) The Role of Interlamellar Chain Entanglement in Deformation-Induced Structure Changes during Uniaxial Stretching of Isotactic Polypropylene. *Polymer* (48): 6867-6880.

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

- Baessler, K.**, Lee, Y.J., Roberts, K.S., Facompre, N., Sampson, N.S., (2007) Poster. Probing the Mechanism Behind Inhibition of Fertilization and Activation of Development by Fertilin β Derived Oligopeptide Polymers. *Gordon Conference*. Holderness School Plymouth, NH.
- Chen, Shuyi**, Chen, Jingyi, Zhao, Xianrui, Wong, Stanislaus S., Ojima, Iwao. (2007) Synthesis and Evaluation of Functionalized SWNT as Transporter for Tumor-Targeting Drug Delivery, Abstracts of Papers, *234th ACS National Meeting*, Boston, MA.
- Zhao, Xianrui, **Chen, Shuyi**, Chen, Jin, Chen, Jingyi, Ojima, Iwao. (2007) Synthesis and Application of Fluorescence-Labeled Biotin-Taxoid Conjugate for the Investigation into Efficacious Tumor-Targeting Drug Delivery System, Abstracts of Papers. *234th ACS National Meeting*, Boston, MA.
- Zhao, Xianrui, Chen, Jin, **Chen, Shuyi**, Jaracz, Stanislav, Das, Manisha, Ojima, Iwao. Novel Disulfide linkers for Tumor-Targeting Drug Delivery, Abstracts of Papers, *234th ACS National Meeting*, Boston, MA.
- Chaterpaul, Stephen.** (2007) Biphenol-Based Monodentate Phosphoramidite Ligands and Their Application to Asymmetric Allylic Substitution Reactions. *234th American Chemical Society National Meeting*, Boston, MA.
- Chaterpaul, Stephen.** (2007) Novel Chiral Biphenol-Based Monodentate Phosphoramidite Ligands and Their Application to Asymmetric Allylic Substitution Reactions. *American Chemical Society 40th Middle Atlantic Regional*. Bayside, NY.

- Chaterpaul, Stephen.** (2008) Formal Synthesis of Huperzine A using Highly Enantioselective Pd-catalyzed Bicycloannulation Reaction. *235th American Chemical Society National Meeting*. Philadelphia, PA.
- Choi, Jun Yong,** Selinger, E.S., Ballou, L.M., Lin, R.Z., and Drueckhammer, D.G. (2007) Rational Design, Synthesis, and Bioassay of Small Molecules for Inhibition of the mTOR Signaling Pathway. *234th ACS National Meeting*. Boston, MA.
- Chow, C.Y.,** Raghothamachar, B., Carvajal, J.J., Chen, H., and Dudley, M. (2008) Synthesis of GaN Nanostructures at Low Temperatures by Chemical Vapor Deposition. *Materials Research Society (MRS) Spring Meeting 2008*. San Francisco, CA.
- Das, Manisha,** Ojima, I. (2007) Design, Synthesis and Evaluation of Tumor-Targeting Folate-Taxoid Conjugate. *234th ACS National Meeting*. Boston, MA.
- Das, Manisha,** Ojima, I. (2007) Design, Synthesis and Evaluation of Tumor-Targeting Folate-Taxoid Conjugate. *Annual ICB&DD Symposium*. Stony Brook, NY
- Das, Manisha,** Ojima, I. (2007) Design, Synthesis and Evaluation of Tumor-Targeting Folate-Taxoid Conjugate. *Chemistry Research Day*. Stony Brook, NY
- Zhao, X.; Chen, J.; Chen, S.; Jaracz, S.; **Das, Manisha.**; Ojima, I. (2007) Novel Disulfide Linkers for Tumor-Targeting Drug Delivery. *234th ACS National Meeting*. Boston, MA.
- Das, Manisha,** Ojima, I. (2008) Synthesis and Evaluation of Tumor-Targeting Folate-Taxoid Conjugates. *40th Middle Atlantic Regional Meeting (MARM)*. Queens, NY.
- Dogan Fulya.** (2007) Applications of Solid-State MAS NMR in Structural Characterization of Microporous and Mesoporous Molecular Sieve Basic Catalysts, *Rocky Mountain Conference on Analytical Chemistry*. Breckenridge, CO.
- Dufour, Antoine** (2007) The Role of Hemopexin Domain of Matrix Metalloproteinase-9 in Cell Migration. *Conference. Il Ciocco, Italy*.
- Gao, Jin.** (2007) Biofunction exploration of *choD* (Rv3409c) from *M.tuberculosis*. *ICB&DD Annual Symposium posters 2007*. Stony Brook, NY.
- Huo, Hua.** (2007) Multinuclear Solid state NMR Studies of Brønsted Acid Sites in Zeolite H-Mordenite. *15th International Zeolite Conference*. Beijing, China. (poster)
- Jiang, M.,** Key, B., Meng, Y., Grey, C.P. (2007) Electrochemical and Structural Study of Cathode Material $\text{Li}[\text{Li}_{1/9}\text{Ni}_{1/3}\text{Mn}_{5/9}]\text{O}_2$. *212th ECS Meeting*. Washington, D.C.
- Teng, Gary Yu-Han, **Kaloko, Joseph J.,** Chen, Wen., and Ojima, Iwao. (2007) Rh-catalyzed [2+2+2+1] and [2+2+2] cycloadditions: Construction of 5-7-5 and 5-6-5 Fused-Rings System from Triynes, Eneidyne, and Related Substrates. *234th American Chemical Society National Meeting*. Boston, MA.
- Key, Baris.** (2007) High Energy X-Ray Scattering Studies as a Tool to Understand the Structural Changes that Occur Upon Lithium Deintercalation of $\text{Li}[\text{Ni}_x\text{Li}_{1/3-2x/3}\text{Mn}_{2/3-x/3}]\text{O}_2$. *212th ECS Meeting*. Washington, D.C.
- Kim, Jongsik,** Keinia Julmis, Ulla Gro Nielsen, Younkee Paik, Jeff Fitts and Clare P. Grey. (2007) Studies of Adsorption and Local Environments in the Iron Soil Minerals, Goethite, Akaganeite, and Lepidocrocite by Multi-Nuclear Solid-State NMR Spectroscopy. *NMR of Metals in Biological Systems and in Materials*. Newark, DE.
- Kumar, Kunal,** Lee, Seung-Yub, Zanardi, Ilaria, Slayden, Richard, Ojima, Iwao. (2007) Synthesis and Optimization of a Library of Novel Benzimidazole leads for Antituberculosis Drug Discovery. *American Chemical Society Boston National Meeting*. Boston, MA.

- Lee, Younjoo**, and Sampson, Nicole S.; (2007) Nano Engineered Multivalent Fertilin β and Cytirestin Oligopeptides for Fertilization Inhibition. 234th ACS National Meeting, Boston, MA.
- Lee, Younjoo**, and Sampson, Nicole S.; (2007) Nano Engineered Multivalent Fertilin β and Cytirestin Oligopeptides for Fertilization Inhibition. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY
- Lee, Younjoo**, and Sampson, Nicole S.; (2007) Nano Engineered Multivalent Fertilin β and Cytirestin Oligopeptides for Fertilization Inhibition. *Institute of Chemical Biology and Drug Discovery Inaugural Symposium*. Stony Brook University, Stony Brook, NY
- Li, Hwei-Jiun** and Tonge, Peter J. (2008) Promiscuous Anthranilate Synthase from *Mycobacterium tuberculosis*. *Experimental Biology 2008*. San Diego, CA.
- Melief, Edward H.** (2007) N/C Terminal Relocation, Truncation, and Native Chemical ligation: Accessing the Chromophore of Green Fluorescent Protein. 234th ACS National Meeting. Boston, MA.
- Morgan, Kellie**, Jordi Cabana, Paul Sideris, Jongsik Kim, Ulla Gro Nielsen, and Clare P. Grey. (2007) Investigation of Four Manganese Oxide Model Compounds and Local Environments of Sodium in Synthetic Na-Birnessite. *Winter School on the Physics and Chemistry of Inorganic Materials*. Bangalore, India.
- Morgan, Kellie**, Jordi Cabana, Paul Sideris, Jongsik Kim, Ulla Gro Nielsen, and Clare P. Grey. (2008) Investigation of Four Manganese Oxide Model Compounds and Local Environments of Sodium in Synthetic Na-Birnessite. *School on Synchrotron X-ray and IR Methods Focusing on Environmental Sciences*. Karlsruhe, Germany.
- Song, Airong** (2007) Explore the Scope of the Ring Opening Metathesis Polymerization (ROMP) Reaction of 1-Substituted Cyclobutenes. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.
- Song, Airong** (2007) Explore the Scope of the Ring Opening Metathesis Polymerization (ROMP) Reaction of 1-Substituted Cyclobutenes. *ICB&DD Annual Symposium*. Stony Brook University, Stony Brook, NY.
- Chiu, J., Wang, K., **Ramcharitar, R.**, **Wan, F.**, Krishnan, C., Hsiao, B. and Chu, B., (2008) Thermo-Sensitive Gel Polymers for Tunable, Therapeutic Delivery. *Abstracts of Papers, 236th ACS National Meeting*. Philadelphia, PA.
- Teng, Gary Yu-Han**, Kaloko, Joseph J., Chen, Wen., Ojima, Iwao. (2007) Rh-catalyzed [2+2+2+1] and [2+2+2] Cycloadditions: Construction of 5-7-5 and 5-6-5 Fused-Rings System from Triynes, Eneidyne, and Related Substrates. 234th American Chemical Society National Meeting. Boston, MA.
- Thomas, Suzanne** (2007) Preliminary Investigation of 6-Azasteroids for the Inhibition of *Mycobacterium tuberculosis* 3 β -Hydroxysteroid Dehydrogenase. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY. *Institute of Chemical Biology & Drug Discovery Symposium*. Stony Brook University, Stony Brook, NY.
- Wan, F.**, He, W., Zhang, J., Chu, B. (2008) Novel Thermal-Gelling Matrix for DNA Sequencing by Capillary Electrophoresis and Microchip Electrophoresis. *Abstracts of Papers, 236th ACS National Meeting*. Philadelphia, PA.
- Wan, F.**, Krishnan, C., Hsiao, B. and Chu, B., (2008) Nanostructured Tri-block Copolymer Gels for Pain Management. *Abstracts of Papers, 40th Middle Atlantic Regional Meeting (MARM)*. Oakland Gardens, NY.
- Yang, X.**, Dubnau, E., Smith, I., Sampson, N. S. (2007) Rv1106c from *Mycobacterium tuberculosis* is a 3 β -Hydroxysteroid Dehydrogenase. 234th ACS National Meeting & Exposition, Boston, US.. *ICB&DD Annual Symposium*, Stony Brook University, Stony Brook, NY. *Chemistry Research Day 2007*, Stony Brook University, Stony Brook, NY.

- Yoon, Kyunghwan**, Pang, Christopher, Hsiao, B. S. and Chu, Benjamin., High Flux Nanofiltration Membranes Based on Interfacially Polymerized Polyamide on Nanofibrous Scaffolds. *234th American Chemical Society National Meeting*. Boston, MA.
- Zeng, D.**; Cabana, J.; Grey, C. P. (2008) Study of the Structural Changes in $\text{Li}[\text{Ni}_y\text{Mn}_y\text{Co}_{(1-2y)}]\text{O}_2$ ($0.02 \leq y \leq 0.30$) upon Electrochemical Lithium Deintercalation. *The 14th International Meeting on Lithium Batteries*. Beijing, China.
- Zhang, Fen**, Mao, Y., Park, T. -J., and Wong, S. S. (2007) General Room-Temperature Synthesis of Single-Crystalline Antiferromagnetic Perovskite Fluoride Nanorods. *234th ACS National Meeting*. Boston, MA.
- Zhang, Fen**, Mao, Y., and Wong, S. S. (2007) Ambient Template-directed Synthesis of Single-crystalline Alkaline Earth Metal Fluoride Nanowires. *234th ACS National Meeting*. Boston, MA.
- Zhang, Fen**, Mao, Y., Park, T. -J., and Wong, S. S. (2007) Green Synthesis and Magneto-Optical Characterization of Single-Crystalline Perovskite Fluoride Nanorods. *Chemistry Research Day*. Stony Brook, NY.
- Zuo, Feng**, Mao, Yimin, Keum, Jongkhak, Burger, Christian, Hsiao, Benjamin S., Chen, Hongyu, Chiu, Debbie, Lai, Shih-Yaw. (2008) Deformation-Induced Structure Changes in Olefin Block Copolymer. *235th ACS National Meeting & Exposition*. New Orleans, LA.
- Zhou, Hongjun**, Mao, Y. and Wong, S. S. (2008) Probing Structure-Parameter Correlations in the Molten Salt Synthesis of BaZrO_3 Perovskite Submicrometer-Sized Particles. *235th ACS National Meeting & Exposition*. New Orleans, LA.
- Zhou, Hongjun**, and Wong, S. S. (2008) A general, versatile method to synthesize 1-D transition metal oxide arrays. *235th ACS National Meeting & Exposition*. New Orleans, LA (Poster).
- Zhou, Hongjun**, Mao, Y. and Wong, S. S. (2007) Shape control and spectroscopy of crystalline BaZrO_3 perovskite particles. *234th ACS National Meeting*. Boston, MA.
- Zhou, Hongjun**, Park, T. -J. and Wong, S. S. (2007) Synthesis, characterization and photocatalytic properties of pyrochlore $\text{Bi}_2\text{Ti}_2\text{O}_7$ nanotubes. *234th ACS National Meeting*. Boston, MA (Poster).

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

Wan, Fen. (2008) Postdoctoral Associate. Department of Chemistry, *Stony Brook University*, Stony Brook, NY.

❖ **Patents**

Marek, P. **Gupta, R.**, Meng, F. and Raleigh, D.P. (2007) *Use of the Fluorescent Amino Acid p-Cyanophenylalanine as an Intrinsic Probe of Amyloid Formation*.

COMPARATIVE LITERARY AND CULTURAL STUDIES

GRADUATE DIRECTOR: KRIN GABBARD
DEPARTMENT CHAIR: ROBERT HARVEY

❖ Grants, Fellowships, and Awards

Jacobo, J. P. (2007-2008) J. William Fulbright Scholarship, \$19,620. *Institute of International Education (IIE)*, New York, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Burrows, Alice Claire. Review of *Diaspora Criticism*, by Sudesh Mishra. *Culture Machine* (October 2007)

Foley, Ashar. (in press) Sarah, Leahy. *Casque d'or. Contemporary French Civilization.*

Hung, Tzu-hui Celina. *Feeling for 'Comfort Women': Performing Human Rights Discourse in Asian/America. Concentric: Literary and Cultural Studies* 33 (2): 99-125.

Jacobo, J. P. (2007) "Lalaki" (Man). *Ladlad (The Unfurling)*. In J. Neil C. Garcia and Danton Remoto (Eds.), *An Anthology of Philippine Gay Writing*. Pasig City, Philippines: Anvil Publishing Inc.

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Lu, Xiaoning. (in press) Zhang Ruifang: Modelling The Socialist Red Star. *Journal Of Chinese Cinema.*

Lu, Xiaoning. (in press) Promote Physical Culture And Sports, Improve The People's Constitution. In B. Wang (Ed.), *Words And Their Stories: Essays On Chinese Revolutionary Discourse*. Leiden, Netherlands: Brill Press.

Staats, Hans. (in press) Valerie Orpen, *Cléo de 5 à 7. Contemporary French Civilization.*

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

Razumova, Lyudmila (2007). *The Interpreter's Companion, Russian Edition* (with Holly Mikkelson). Spreckels, CA: ACEBO.

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

Burrows, Alice Claire. (2008) The Ethnographic Subject: Representation, Performance, and Liberalism. *Graduate Student Conference.* New York, NY..

Burrows, Alice Claire. (2008) The Liberal Spectator: Representation, Performance, and the Ethnographic Subject. *CUNY Graduate Center Conference.* New York, NY.

Chen, I-Ju. (2007) Literature as Politics: Contemporary English Critical Studies of Taiwanese Literature. *The New York Conference on Asian Studies.* Binghamton University, NY.

Chen, I-Ju. (2007) SARS: Affect and Victims. *Thinking Affect: Memory, Language, Cognition. The Unit for Criticism and Interpretive Theory.* Urbana-Champaign, IL.

Chen, I-Ju. (2008) Survivor: Reality in Exile. *The 29th Annual Meeting of the SW/TX PCA/ACA.* Albuquerque, NM.

Chen, I-Ju. (2008) SARS, A Deadly Play of the New Millennium. *The Sixth Annual Meeting of the Cultural Studies Association.* New York, NY.

Hung, Tzu-hui Celina. (2007) Abducted Chinese Diaspora: Rethinking Problems of Language, Ethnicity, and History through the Nanyang Chinese. *New York Conference on Asian Studies.* Binghamton, NY.

Hung, Tzu-hui Celina. (2008) The Queer Traveler and the 'the Road Not Taken': Reconceptualizing Diaspora through the Creole Chinese Body. *Annual Meeting of American Comparative Literature Association.* California State University, Long Beach, CA.

Jacobo, J. P. (2008) Imelda Marcos, Actress. *Sifting Through Lies: Toward an Aesthetic Impunity: 20th Stony Brook Graduate English Conference.* New York, NY.

Larsen, John. (2008) 1 Tongue, 2 Speakers, and 3 Modes: Imagery of the Mouth in *La Celestina* by Fernando de Rojas. *Comparative Literature and Cultural Studies Colloquium.* Stony Brook University, Stony Brook, NY.

Larsen, John. (2008) Una lengua, dos hablantes y tres modos: El uso de la boca en *La Celestina* de Rojas. *13th Annual Graduate Students' Conference, Program in Hispanic and Luso-Brazilian Literatures and Languages.* City University of New York, New York, NY.

Lu, Xiaoning. (2008) Performing Ethnicity in Chinese Socialist Cinema: The Use of Ethnicity in Constructing Socialist Subjects. *Sixth Annual Meeting of the Cultural Studies Association.* New York University, New York, NY.

Razumova, Lyudmila (2008). Literary Bilingualism as Cosmopolitan Practice: Nancy Huston. *Arrivals and Departures. The American Comparative Literature Association's 2008 Annual Conference.* Long Beach, CA.

Staats, Hans. (2007) Michael Winterbottom's *The Road to Guantánamo*, Exilic and Diasporic Documentary Filmmaking. *Comparative Literature Colloquium.* Stony Brook University, Stony Brook, NY.

Staats, Hans. (2008) Michael Winterbottom's *The Road to Guantánamo & A Mighty Heart*: Violence, Identity, & Self-Determination. *Framed: Delimiting the Film Image.* CUNY Graduate Center, New York, NY.

Comparative Literary and Cultural Studies

Staats, Hans. (2008) *The Transcultural Child: Trauma and Subjectivity in Germania anno zero and Le Chiavi di casa. Re-envisioning the Child in Italian Film: New Perspectives on Children and Childhoods from Early Cinema to the Present.* University of Exeter, Devon, UK.

Sung, I-Te. (2008) "The Replicants" are Back: An Allegorical Reading of Wong Kar-wai's *Fallen Angels* (1995). 7th Annual Graduate Student Conference on East Asia. Columbia University, New York, NY.

❖ Translations

Chen, I-Ju. (2007) *Born Losers: A History of Failure in America* (Scott A Sandage). Taipei: New Century Publishing Co., Ltd. (2005)

❖ Other

Staats, Hans. Research Assistant to Paula J. Massood, Associate Professor of Film Studies at Brooklyn College and in the Ph.D. Program in Theatre at The Graduate Center/CUNY. *The Spike Lee Reader*, Temple University Press, January 2008.

COMPUTER SCIENCE

GRADUATE DIRECTOR: I.V. RAMAKRISHNAN

DEPARTMENT CHAIR: ARIE KAUFMAN

❖ Grants, Fellowships, and Awards

- Borodin, Yevgen.** (2007) SigmaXi Grant-in-Aid of Research, \$1000. *SigmaXi Scientific Research Society*, Research Triangle Park, NC.
- Borodin, Yevgen.** (2007) SigmaXi Travel Award, \$200. *SigmaXi Scientific Research Society*, Research Triangle Park, NC.
- Borodin, Yevgen.** (2007) 1st Place Winner at International ACM Student Research Competition Grand Finals, \$500. *Association of Computing Machinery*, San Diego, CA.
- Borodin, Yevgen.** (2007) 2nd Place Winner at ACM Student Research Competition Semi Finals ASSETS'06, \$500. *Association for Computing Machinery*, San Diego, CA.
- Borodin, Yevgen.** (2007) Delegates Award – Web Accessibility Challenge. *WAA'07*, Banff, Canada.
- Navda, Vishnu., Subramanian, Anand Prabhu., **Dhanasekaran, Kannan.** (2007) Best Paper Award. *ACM MobiSys Conference*, San Juan, PR.
- Hart, Michael.** (2007) IEEE Symposium on Security and Privacy Travel Grant, \$750. *University of Southern California*, Marina del Ray, CA.
- Kashyap, Anand.** (2007) ACM MobiCom Conference Travel Award, \$800. *ACM*, Montreal, Canada.
- Napolitano, Diane.** (2007) Graduate Research Fellowship, Data Sciences Summer Institute, \$1800. *University of Illinois at Urbana-Champaign*, Urbana, IL.
- Navda, Vishnu.** (2007) ACM MobiSys Conference Travel Award, \$750. *ACM*, San Juan, PR.
- Navda, Vishnu.** (2006), Finalist, ACM MobiCom 2006 Graduate Student Research Competition. *ACM SIGMOBILE*, Los Angeles, CA.
- Navda, Vishnu.,** Subramanian, Anand Prabhu., Dhanasekaran, Kannan. (2007) Best Paper Award. *ACM MobiSys Conference*, San Juan, PR.
- Sarkar, Rik.** (2008) NSF Travel Grant, \$1000. *INFOCOM, 27th Annual IEEE Conference on Computer Communications*, Phoenix, AZ.
- Sarkar, Rik.** (2008) Sigma XI Research Society Travel Award, \$150. *INFOCOM, 27th Annual IEEE Conference on Computer Communications*, Phoenix, AZ
- Subramanian, Anand Prabhu.** (2007) Travel Grant for IEEE DySpan, \$1500. *National Science Foundation*, Dublin, Ireland.
- Navda, Vishnu., **Subramanian, Anand Prabhu.,** Dhanasekaran, Kannan. (2007) Best Paper Award. *ACM MobiSys Conference*, San Juan, PR.
- Subramanian, Anand Prabhu.** (2008) Travel Grant for IEEE INFOCOM 2008, \$1000. *National Science Foundation*, Phoenix, AZ.
- Tinta, Sandra.** (2008) International Conference on Information Processing in Sensor Networks Travel Grant, \$830. *NSF and SAP*, St. Louis, MO.
- Traeger, Avishay.** (2007-2008) IBM Ph.D. Fellowship, \$24,581. *IBM*, New York, NY

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

- Bautin, M.**, Skiena, S., (2007) Concordance-Based Entity-Oriented Search, *IEEE/ACM Web Intelligence (WE-07)*, Silicon Valley, CA. Invited to a special issue of Web Intelligence and Agent Systems: An International Journal. Proceedings of the IEEE/WIC/ACM International Conference on Web Intelligence: 586-592
- Zhao, Y., Han, Y., **Fan, Z.**, Qiu, F., Kuo, Y., Kaufman, A., Mueller, K., (2007) Visual Simulation of Heat Shimmering and Mirage. *IEEE Transactions on Visualization and Computer Graphics 13*(1): 179-189.
- Fan, Z.**, Qiu, F., Kaufman, A., (2008) Zippy: A Framework for Computation and Visualization on a GPU Cluster. *Computer Graphics Forum 27*(2): 341-350.
- Qiu, F., Xu, F., **Fan, Z.**, Neophytos, N., Kaufman, A., Mueller, K., (2007) Lattice-Based Volumetric Global Illumination. *IEEE Trans. On Visualization and Computer Graphics 13*(6): 1576-1583.
- Zhao, Y., **Han, Y.**, Fan, Z., Qiu, F., Kuo, Y., Kaufman, A., Mueller, K., (2007) Visual Simulation of Heat Shimmering and Mirage. *IEEE Transactions on Visualization and Computer Graphics 13*(1): 179-189.
- Ganguly, S., Navda, V., Kim, K., **Kashyap, A.**, Niculescu, D., Izmailov, R., Hong, S., Das, S.R., (2006) Performance Optimizations for Deploying VoIP Services in Mesh Networks. *IEEE Journal on Selected Areas in Communications (JSAC)*24 (11):2137-2158.
- Navda, V., **Kashyap, A.**, Das, S.R., (2007) Design and Evaluation of iMesh: An Infrastructure-mode Wireless Mesh Network. In Marco Conti, Jon Crowcroft and Andrea Passarella, (Eds), *Mobile Ad Hoc Networks: from Theory to Reality*. New York, NY: Nova Science Publishers.
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- Navda, V.**, Kashyap, A., Das, S.R., (2007) Design and Evaluation of iMesh: An Infrastructure-mode Wireless Mesh Network. In Marco Conti, Jon Crowcroft and Andrea Passarella, (Eds), *Mobile Ad Hoc Networks: from Theory to Reality*. New York, NY: Nova Science Publishers.
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- Traeger, Avishay**, Joukov, N., Wright, C. P., Zadok, E. (2008) A Nine Year Study of File System and Storage Benchmarking. *ACM Transactions on Storage* 4(2): 25-80.
- Wang, L.**, Giesen, J., Mueller, K., Schuberth, E., Zolliker, P., (2007) Conjoint Analysis to Measure the Perceived Quality in Volume Rendering. *IEEE Transactions on Visualization and Computer Graphics 13*(6): 1664-1671.

- Xu, F.**, Mueller, K., (2007) Real-Time 3D Computed Tomographic Reconstruction Using Commodity Graphics Hardware. *Physics in Medicine and Biology* 52: 3405-3419.
- Qiu, F., **Xu, F.**, Fan, Z., Neophytos, N., Kaufman, A., Mueller, K., (2007) Lattice-Based Volumetric Global Illumination. *IEEE Trans. On Visualization and Computer Graphics* 13(6): 1576-1583.
- Ye, P.**, Entcheva, E., Smolka, S.A., Grosu, R. (2008) Modeling Excitable Cells Using Cycle-Linear Hybrid Automata. *IET Journal of System Biology* 2(1): 24-32.
- Zhao, Y.**, Han, Y., Fan, Z., Qiu, F., Kuo, Y., Kaufman, A., Mueller, K., (2007) Visual Simulation of Heat Shimmering and Mirage. *IEEE Transactions on Visualization and Computer Graphics* 13(1): 179-189.

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- Borodin, Yevgen.** (2006) A Flexible VXML Interpreter for non-Visual Web Access. *International Conference on Computers and Accessibility – ACM SIGACCESS ASSETS'06*, Portland, OR
- Borodin, Y., Mahmud, J., **Ahmed, A.**, Ramakrishnan, I.V. (2007) WEBVAT: Web Page Analysis and Visualization Tool. *International Conference on Web Engineering – ICWE'07*, Como, Italy.
- Bautin, M.**, Vijayarenu, L., Skiena, S., (2008) International Sentiment Analysis for News and Blogs. 2nd *International Conference on Weblogs and Social Media (ICWSM 2008)*, Seattle, WA.
- Borodin, Y.**, Mahmud, J., Ahmed, A., Ramakrishnan, I.V. (2007) WEBVAT: Web Page Analysis and Visualization Tool. *International Conference on Web Engineering – ICWE'07*, Como, Italy
- Borodin, Y.**, Mahmud, J., Ramakrishnan, I.V. (2007) Context Browsing with Mobiles – When Less is More. *International Conference on Mobile Systems, Applications and Services, ACM/USENIX Mobisys'07*, San Juan, PR.
- Borodin, Y.**, Mahmud, J., Ramakrishnan, I.V., Stent, A., (2007) The HearSay Non-Visual Web Browser. *International Cross-Disciplinary Conference on Web Accessibility – WAA'07*, Banff, Canada.
- Guo, H., Mahmud, J., **Borodin, Y.**, Stent, A., Ramakrishnan, I.V. (2007) A General Approach for Partitioning Web Page Content Based on Geometric and Style Information. 9th *International Conference on Document Analysis and Recognition ICDAR'07*, Curitiba, Parana, Brazil.
- Mahmud, J., **Borodin, Y.**, Das, D., Ramakrishnan, I.V. (2007) Combating Information Overload in Non-Visual Web Access Using Context. *International Conference on Intelligent User Interfaces, IUI'07*, Honolulu, HI.
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- Fan, Z.**, Vetter, C., Guetter, C., Yu, D., Westermann, R., Kaufman, A., Xu, C. (2008) Optimized GPU Implementation of Learning-Based Non-Rigid Multi-Modal Registration. *SPIE Medical Imaging*, no. 6914-107.
- Zhao, Y., Qiu, F., **Fan, Z.**, Kaufman, A., (2007) Flow Simulation with Locally-Refined LBM. *ACM Symposium on Interactive 3D Graphics and Games*, 181-188
- Frank, Susan.**, (2007) A Dynamic Programming Approach to Kd-Tree Based Data Distribution. *Supercomputing*, Reno, NV.
- Frank, Susan.**, (2007) Managing Out-of-core Volume Data in a Distributed Visualization System. *HPCCN Annual Meeting*, Reno, NV.
- Guo, H.**, Mahmud, J., Borodin, Y., Stent, A., Ramakrishnan, I.V. (2007) A General Approach for Partitioning Web Page Content Based on Geometric and Style Information. *9th International Conference on Document Analysis and Recognition ICDAR '07*, Curitiba, Parana, Brazil.
- Nam, E. J., **Han, Y.**, Mueller, K., Zelenyuk, A., Imre, D., (2007) ClusterSculptor: A Visual Analytics Tool for High-Dimensional Data. *IEEE Symposium on Visual Analytics Science and Technology 2007 (VAST '07)*, 75-82. Sacramento, CA.
- Hart, Michael**, Johnson, R., Stent, A. (2007) More Content – Less Control: Access Control in the Web 2.0. *Web 2.0 Security and Privacy*, Oakland, CA.
- Stenchikova, S., Mucha, B., **Hoffman, S.**, Stent, A., (2007) RavenCalendar: A Multimodal Dialog System for Managing a Personal Calendar. *MAACL HLT Demonstration Program*, Rochester, NY: 15-16.
- Hong, W.**, Qiu, F., Marino, J., Kaufman, A., (2007) Computer-aided Detection of Colonic Polyps Using Volume Rendering. *SPIE Medical Imaging*, 6514:06.
- Hong, W.**, Wang, J., Qiu, F., Kaufman, A., Anderson, J., (2007) Colonoscopy Simulation. *SPIE Medical Imaging*, 6511:0R.
- Hong, W., Wang, J., **Qiu, F.**, Kaufman, A., Anderson, J., (2007) Colonoscopy Simulation. *SPIE Medical Imaging*, 6511:0R.
- Tekle, K.T., **Hristova, K.**, Liu, Y.A., (2007) Efficient Trust Management Policy Analysis from Rules. *Proceedings of the 9th ACM SIGPLAN International Symposium on Principles and Practice of Declarative Programming*, Wroclaw, Poland.
- Jain, S.**, Das, S.R., (2006) Collision Avoidance in a Dense RFID Network. *Proc. 1st ACM International Workshop on Wireless Network Testbeds, Experimental Evaluation and Characterization (WiNTECH 2006)*, Los Angeles, CA.
- Jain, S.**, Das, S.R., Gupta, H., (2007) Distributed Protocol for Maxmin Fair Rate Allocation in Wireless Mesh Networks. *Proc. 8th IEEE WoWMoM Symposium*, Helsinki, Finland.
- Kashyap, A.**, Ganguly, S., Das, S.R., (2007) A Measurement-based Approach to Modeling Link Capacity in 802.11-based Wireless Networks. *Proceedings of the 13th Annual ACM International Conference on Mobile Computing and Networking*, Montreal, Quebec.
- Kashyap, A.**, Ganguly, S., Das, S.R., Banerjee, S., (2007) VoIP on Wireless Meshes: Models, Algorithms and Evaluation. *Proc. IEEE INFOCOM 2007 International Conference on Computer Communications*, Anchorage, AK.
- Lederer, S.**, Gao, J., Sion, R., (2008) Collaborative Location Certification for Sensor Networks. *2008 IEEE Sarnoff Symposium*, Princeton, NJ.
- Tekle, K.T., Hristova, K., **Liu, Y.A.**, (2007) Efficient Trust Management Policy Analysis from Rules. *Proceedings of the 9th ACM SIGPLAN International Symposium on Principles and Practice of Declarative Programming*, Wroclaw, Poland.

- Lin, S. **Lu, M.**, Chiueh, T., (2007) Transparent Reliable Multicast for Ethernet-Based Storage Area Networks. *6th IEEE Symposium on Network Computing and Applications*, Boston, MA: 87-94.
- Lu, M.**, Lin, S., Chiueh, T., (2007) Unified Logging for Comprehensive Data Protection. *24th IEEE Conference on Mass Storage Systems and Technologies*, San Diego, CA: 171-184.
- Maheshwari, R.**, Gao, J., Das, S.R., (2007) Detecting Wormhole Attacks in Wireless Networks Using Connectivity Information. *Proc. IEEE Infocom 2007 Conference*, Anchorage, AK.
- Maheshwari, R.**, Gupta, H., Das, S.R., (2006) Multichannel MAC Protocols for Wireless Networks. *Proc. IEEE SECON 2006*, Reston, VA.
- Borodin, Y., **Mahmud, J.**, Ramakrishnan, I.V., Stent, A., (2007) The HearSay Non-Visual Web Browser. *International Cross-Disciplinary Conference on Web Accessibility – WAA'07*, Banff, Canada.
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- Borodin, Y., **Mahmud, J.**, Ahmed, A., Ramakrishnan, I.V. (2007) WEBVAT: Web Page Analysis and Visualization Tool. *International Conference on Web Engineering – ICWE'07*, Como, Italy.
- Guo, H., **Mahmud, J.**, Borodin, Y., Stent, A., Ramakrishnan, I.V. (2007) A General Approach for Partitioning Web Page Content Based on Geometric and Style Information. *9th International Conference on Document Analysis and Recognition ICDAR'07*, Curitiba, Parana, Brazil.
- Mahmud, J.**, Borodin, Y., Das, D., Ramakrishnan, I.V. (2007) Combating Information Overload in Non-Visual Web Access Using Context. *International Conference on Intelligent User Interfaces, IUI'07*, Honolulu, HI.
- Mahmud, J.**, Borodin, Y., Ramakrishnan, I.V., (2007) CSurf: A Context-Driven Non-Visual Web-Browser. *International World Wide Web Conference – WWW'07*, Banff, Canada.
- Mahmud, J.**, Borodin, Y., Das, D., Ramakrishnan, I.V., (2007) Improving Non-Visual Web Access Using Context. *International Conference on Computers and Accessibility – ACM SIGACCESS ASSETS'06*, Portland, OR.
- Zhao, C., **Mahmud, J.**, Ramakrishnan, I.V., (2008) Exploiting Structured Reference Data for Unsupervised Text Segmentation with Conditional Random Fields. *2008 SIAM Conference on Data Mining*, Atlanta, GA.
- Stenchikova, S., Stent, A., **Marge, M.**, (2006) Dialog Systems for Surveys: the Rate-a-Course System. *Proceedings of the 1st IEEE/ACL Workshop on Spoken Language Technology (SLT)*, Aruba.
- Marino, J.**, Qiu, F., Kaufman, A., (2008) Virtually Assisted Optical Colonoscopy. *SPIE Medical Imaging*, 6019:OJ.
- Marino, J.**, Qiu, F., Kaufman, A., (2008) Virtually Assisted Optical Colonoscopy. *Proceedings of SPIE Medical Imaging*, 6916:69160J.
- Hong, W., Qiu, F., **Marino, J.**, Kaufman, A., (2007) Computer-aided Detection of Colonic Polyps Using Volume Rendering. *SPIE Medical Imaging*, 6514:06.
- Nam, E. J., **Maurer, M.**, Mueller, K., (2007) Semantic Visualization Facilitated By Cluster Analysis. *Workshop of Knowledge-Assisted Visualization*, Sacramento, CA.
- Stenchikova, S., **Mucha, B.**, Hoffman, S., Stent, A., (2007) RavenCalendar: A Multimodal Dialog System for Managing a Personal Calendar. *MAACL HLT Demonstration Program*, Rochester, NY: 15-16.
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- Neophytou, N.,** Xu, F., Mueller, K., (2007) Hardware Acceleration vs. Algorithmic Acceleration: Can GPU-based Processing Beat Complexity Optimization for CT? *SPIE Medical Imaging '07*, pp. 10-14. San Diego, CA.
- Petkov, Kaloian.** (2008) Zippy: A Framework for Computation and Visualization on a GPU Cluster. *Eurographics 2008*, Crete, Greece.
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- Marino, J., **Qiu, F.,** Kaufman, A., (2008) Virtually Assisted Optical Colonoscopy. *SPIE Medical Imaging*, 6019:0J.
- Joukov, N., Krishnakumar, A., **Patti, C.,** Rai, A., Satnur, S., **Traeger, A.,** Zadok, E. (2007) RAIF: Redundant Array of Independent Filesystems. *Proceedings of the 24th IEEE Conference on Mass Storage Systems and Technologies (MSST 2007)*, San Diego, CA.
- Qiu, Feng.** (2007) Lattice-Based Volumetric Global Illumination. *IEEE Visualization*, Sacramento, CA.
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- Stenchikova, S.,** Hakkani-Tur, D., Tur, G., (2006) QASR: Question Answering Using Semantic Roles for Speech Interface. *Proceedings of ICSLP-Interspeech 2006*, Pittsburgh, PA.
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- Stenchikova, S.,** Stent, A., (2007) Measuring Adaptation Between Dialogs. *Proceedings of SIGDIAL*, Antwerp, Belgium.
- Stenchikova, S.,** Stent, A., (2007) Measuring Adaptation Between Dialogs, *SIGDIAL Workshop*, Antwerp, Belgium; *SRI*, Menlo Park, CA; *Google*, Mountain View, CA
- Stenchikova, S.,** Stent, A., Marge, M., (2006) Dialog Systems for Surveys: the Rate-a-Course System. *Proceedings of the 1st IEEE/ACL Workshop on Spoken Language Technology (SLT)*, Aruba.

- Navda, V., **Subramanian, A.P.**, Dhanasekaran, K., Timm-Giell, A., Das, S.R., (2007) MobiSteer: Using Steerable Beam Directional Antenna for Vehicular Network Access. *5th ACM International Conference on Mobile Systems, Applications and Services (MobiSys 2007)*, San Juan, PR.
- Subramanian, A.P.**, Das, S.R. (2007) Addressing Deafness and Hidden Terminal Problem in Directional Antenna Based Wireless Multi-Hop Networks. *Second International Conference on COMMunication System softWARE and MiddlewaRE (COMSWARE 2007)*, Bangalore, India.
- Subramanian, A.P.**, Deshpande, P., Gao, J., Das, S.R. (2008) Drive-by Localization of Roadside WiFi Networks. *27th Annual IEEE Conference on Computer Communications (INFOCOM'08)*, Phoenix, AZ.
- Subramanian, A.P.**, Gupta, H., Das, S.R., (2007) Minimum Interference Channel Assignment in Multi-Radio Wireless Mesh Networks. *Proc. IEEE SECON 2007*, San Diego, CA.
- Subramanian, A.P.**, Gupta, H., Das, S.R., Buddhikot, M.M., (2007) Fast Spectrum Allocation in Coordinated Dynamic Spectrum Access Based Cellular Networks. *Proc. Of the Second IEEE International Symposium on New Directions in Dynamic Spectrum Access Networks (DySPAN 2007)*, Dublin, Ireland.
- Subramanian, A.P.**, Gupta, H., Das, S.R., Minimum Interference Channel Assignment in Multi-Radio Wireless Mesh Networks. *Fourth Annual IEEE Communications Society Conference on Sensor, Mesh, and Ad Hoc Communications and Networks (SECON 2007)*, San Diego, CA.
- Navda, V., **Subramanian, A.P.**, Dhanasekaran, K., Timm-Giel, A., Das, S.R. (2007) MobiSteer: Using Steerable Directional Antenna for Vehicular Network Access. *Proc. Of 5th ACM International Conference on Mobile Systems, Applications and Services (MobiSys 2007)*, San Juan, PR.
- Tekle, K.T.**, Hristova, K., Liu, Y.A., (2007) Efficient Trust Management Policy Analysis from Rules. *Proceedings of the 9th ACM SIGPLAN International Symposium on Principles and Practice of Declarative Programming*, Wroclaw, Poland.
- Traeger, A., **Thangavelu, K.**, Zadok, E. (2007) Round-Trip Privacy with NFSv4. *Proceedings of the 2007 ACM Workshop on Storage Security and Survivability (StorageSS 2007)*. Alexandria, VA.
- Traeger, A., Deras, I.**, Zadok, E. (2008) DARC: Dynamic Analysis of Root Causes of Latency Distributions. *Proceedings of the 2008 International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS 2008)*, Annapolis, MD
- Traeger, A.**, Thangavelu, K., Zadok, E. (2007) Round-Trip Privacy with NFSv4. *Proceedings of the 2007 ACM Workshop on Storage Security and Survivability (StorageSS 2007)*. Alexandria, VA.
- Joukov, N., Krishnakumar, A., Patti, C., Rai, A., Satnur, S., **Traeger, A.**, Zadok, E. (2007) RAIF: Redundant Array of Independent Filesystems. *Proceedings of the 24th IEEE Conference on Mass Storage Systems and Technologies (MSST 2007)*, San Diego, CA.
- Hong, W., **Wang, J.**, Qiu, F., Kaufman, A., Anderson, J. (2007) Colonoscopy Simulation. *SPIE Medical Imaging*, 6511:0R.
- Gao, J., Guibas, L.J., Oudot, S.Y., **Wang, Y.**, (2008) Geodesic Delaunay Triangulation and Witness Complex in the Plane. *Proc. Of ACM-SIAM Symposium on Discrete Algorithms (SODA'08)* pp. 571-580. San Francisco, CA.
- Xu, F.**, Mueller, K., (2007) Applications of Optimal Sampling Lattices for Volume Acquisition Via 3D Computed Tomography. *Volume Graphics Symposium*, Prague, Czech Republic: 57-63.
- Xu, F.**, Mueller, K., (2007) GPU-Acceleration of Attenuation and Scattering Compensation in Emission Computed Tomography. *First Workshop on High Performance Image Reconstruction (Fully 3D Image Reconstruction in Radiology and Nuclear Medicine)*, pp. 29-32. Lindau, Germany.

- Neophytou, N., **Xu, F.**, Mueller, K., (2007) Hardware Acceleration vs. Algorithmic Acceleration: Can GPU-based Processing Beat Complexity Optimization for CT? *SPIE Medical Imaging '07*: 10-14; *Proc. IEEE International Conference on Network Protocols (ICNP)*, Santa Barbara, CA.
- Ye, P.**, Entcheva, E., Smolka, S. A., Grosu, R. (2008) Symbolic Analysis of the Neuron Action Potential. *The 2nd International Conference on Bioinformatics and Biomedical Engineering*, Shanghai, China.
- Grosu, R., Mitra, S., **Ye, P.**, Entcheva, E., Ramakrishnan, I. V., Smolka, S. A. (2007) Learning Cycle-Linear Hybrid Automata for Excitable Cells. *The 10th International Conference on Hybrid Systems: Computation and Control*, Pisa, Italy.
- Zhao, C.**, Mahmud, J., Ramakrishnan, I. V., (2008) Exploiting Structured Reference Data for Unsupervised Text Segmentation with Conditional Random Fields. *2008 SIAM Conference on Data Mining*, Atlanta, GA.
- Zhao, Y.**, Qiu, F., Fan, Z., Kaufman, A., (2007) Flow Simulation with Locally-Refined LBM. *ACM Symposium on Interactive 3 D Graphics and Games*, 181-188.
- Zhao, Y.**, Qiu, F., Fan, Z., Kaufman, A., (2007) Flow Simulation with Multi-resolution LBM. *ACM SIGGRAPH Symposium on Interactive 3D Graphics and Games*, 181-188.
- Sarkar, R., **Zhu, X.**, Gao, J., Guibas, L., Mitchell, J., (2007) Iso-contour Queries and Gradient Descent with Guaranteed Delivery in Sensor Networks. *17th Fall Workshop on Computational and Combinatorial Geometry*, IBM Research Hawthorne, New York; *27th Annual IEEE Conference on Computer Communications (INFOCOM'08)*, Phoenix, AZ.
- Zhu, X.**, Sarkar, R., Gao, J., Mitchell, J., (2007) Lightweight Contour Tracking in Sensor Networks. *17th Fall Workshop on Computational and Combinatorial Geometry*, IBM Research, Hawthorne, NY; *27th Annual IEEE Conference on Computer Communications (INFOCOM'08)*, Phoenix, AZ.

❖ Software Developed

- Hart, Michael.** (2007) PLOG. Advanced blogging system where users specify rules to protect their privacy. <http://www.plogster.org>, Stony Brook University, Stony Brook, NY.
- Stenchikova, Svetlana.** Calendar Dialog System. Stony Brook University, Stony Brook, NY.

❖ Internship Appointments

- Stenchikova, Svetlana.** (2008) Research Internship. *ETS*, Princeton, NJ.
- Borodin, Yevgen.** (2007) Intern in Research. *IBM Research T.J. Watson*, Hawthorne, NY.
- Kashyap, Anand.** (2007) Research Internship. *NEC Laboratories America*, Princeton, NJ.
- Kashyap, Anand.** (2008) Research Internship. *Microsoft Research India*, Bangalore, India.
- Navda, Vishnu.** (2006-2007) Research Internship. *NEC Labs*, Princeton, NJ.
- Subramanian, Anand Prabhu.** (2007) Research Internship. *Alcatel-Lucent Bell Labs*, Murray Hills, NJ.
- Subramanian, Anand Prabhu.** (2007) Research Intern. *Bell Labs*, Murray Hill, NJ.

❖ Patents

- Ganguly, S., **Kashyap, Anand.** (Patent filed, 2007) *Measurement Based Link Capacity for Multiple Interferences in an 802.11-based Wireless Network*.

ECOLOGY AND EVOLUTION

GRADUATE DIRECTOR: GEETA BHARATHAN, PH.D.
LEV GINZBURG, M.A.

DEPARTMENT CHAIR: JESSICA GUREVITCH

❖ Grants, Fellowships, and Awards

- Aiello-Lammens, Matthew** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Arif, Saad.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Cahill, Abigail.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Cogni, Rodrigo.** (2008) Doctorate Dissertation Improvement Grant, \$11,992.00. *National Science Foundation (NSF)*, Washington, DC.
- Espinosa, Paula.** (2007-2008) Presidential Fellowship, \$4,000. *Stony Brook University*, Stony Brook, NY.
- Fisher-Reid, Caitlin.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Gao, Jin.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Gill, Aman.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Harnett, Roberta.** (2007) Presidential Fellowship, \$1,000. *Stony Brook University*, Stony Brook, NY.
- Hickman, Jonathan E.** (2007) Doctoral Dissertation Improvement Grant, \$11,631. *National Science Foundation*, Washington, D.C.
- Hickman, Jonathan E.** (2007) American Meteorological Society Summer Policy Colloquium Scholarship, \$4,800. *Paleoclimate Program, Division of Atmospheric Sciences, National Science Foundation*, Washington, D.C.
- Hickman, Jonathan E.** (2008) Mass Media Fellowship, \$4,500. *American Association for the Advancement of Science*, Washington, D.C.
- Hua, Xia** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Karanewsky, Caitlin** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Knowlton, Jessie.** (2007) Fulbright Student Grant to Ecuador, \$12,000. *International Institute for Education*, New York, NY.
- Lashbrook, Nicole.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Lashbrook, Nicole.** (2007) Howard Hughes Medical Institute Teaching Fellow, \$3,000. *Howard Hughes Medical Institute*, Chevy Chase, MD.
- Lashbrook, Nicole.** (2008) East Asia and Pacific Summer Institutes for U.S., \$10,000. *National Science Foundation*, Arlington, VA. *Japan Society for the Promotion of Science*, Tokyo, Japan.
- Layburn, Adam** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Lyons, Patrick** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Lyons, Patrick** (2008) Slobodkin Award, \$750. *Stony Brook University Department of Ecology and Evolution*, Stony Brook, NY.

Ecology and Evolution

- Monzon, Javier.** (2007-2008) W. Burghardt Turner Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.
- Monzon, Javier.** (2007-2008) Presidential Fellowship, \$4,000. *Stony Brook University*, Stony Brook, NY.
- Monzon, Javier.** (2007) Honorable Mention in Graduate Research Fellowship Program. *National Science Foundation*, Arlington, VA.
- Monzon, Javier.** (2007) Grant for participation in the Organization for Tropical Studies' specialty course Conservation and Biodiversity Genetics, \$750. *American Genetics Association*, Newport, OR.
- Morelli, Toni Lyn.** (2008) Williams Award, \$500. *Stony Brook University Department of Ecology and Evolution*, Stony Brook, NY.
- Onstine, Alison** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Sabatino, Stephen.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Scholl, Raphael** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Silva, Natalia.** (2007-2008) Presidential Fellowship, \$3,000. *Stony Brook University*, Stony Brook, NY
- Silva, Natalia.** (2008) Slobodkin Award, \$500. *Stony Brook University Department of Ecology and Evolution*, Stony Brook, NY.
- Silva, Natalia.** (2008) Tinker Field Research Grant, \$1,200. *Latin American and Caribbean Studies Center, Stony Brook University*, Stony Brook, NY
- Stanton, Jessica** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Stanton, Jessica** (2008) Sigma Xi travel grant, \$150 to the Conservation Biology meeting.
- Thompson, Emily.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Tran, J. Khai.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Ulloa, Carolina.** (2007-2008) Presidential Fellowship, \$2,000. *Stony Brook University*, Stony Brook, NY.
- Velasquez-Tibata, Jorge.** (2007-2008) Presidential Fellowship \$2,000. *Stony Brook University*, Stony Brook, NY.
- Velasquez-Tibata, Jorge** (2008) Sokal Award, \$750. *Stony Brook University Department of Ecology and Evolution*, Stony Brook, NY.
- Velásquez-Tibata, Jorge.** (2007) Alumni Grant, \$3000. *Conservation Leadership Program*, Cambridge, UK.
- Velásquez-Tibata, Jorge.** (2007) Travel Grant, \$800. *Society for Conservation Biology*, Arlington, VA.
- Velásquez-Tibata, Jorge.** (2007) Travel Grant, \$800. *Neotropical Ornithological Society*, East Lansing, MI.
- Walls, Ramona and R. Geeta.** (2007) Doctoral Dissertation Improvement Grant, \$11,890. *National Science Foundation*, Arlington, VA.
- Woo, Eliza.** (2008) Teaching Assistant Award. *Stony Brook University Department of Ecology and Evolution*, Stony Brook, NY

❖ Singly Authored Publications/Research Reports/Reviews

- Hoch, J. Matthew.** (in press) Variation in penis morphology and mating ability in the acorn barnacle, *Semibalanus balanoides*. *Journal of Experimental Marine Biology and Ecology*.

Moen, Daniel. (2006) Cope's rule in cryptodiran turtles: do the body sizes of extant species reflect a trend of phyletic size increase? *Journal of Evolutionary Biology* 19:1210-1221.

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

Banta, J. A., Stark, S. C., Stevens, M. H. H., Pendergast, T. H., Baumert, A., Carson, W. P. (in press) Light reduction predicts widespread patterns of dominance between asters and goldenrods. *Plant Ecology*.

Banta, J. A., Dole, J., Cruzan, M. B., Pigliucci, M. (2007) Evidence of local adaptation to coarse-grained environmental variation in *Arabidopsis thaliana*. *Evolution* 61(10): pp 2419-2432

Mouquet N., T. Daugresne, **S.M. Gray**, T.E. Miller. (in press) On the relationship between a pitcher plant (*Sarracenia purpurea*) and its phytotelmata community: mutualism or parasitism? *Functional Ecology*.

Padilla, D.K. and **S.M. Gray**. (in press) Literature review of *Invasion Ecology* by J.L. Lockwood, M.F. Hoopes, and M.P. Marchetti. *The Quarterly Review of Biology*.

Leger, E.A., Howe, K.M., Gurevitch, J., Woo, E., **Hickman, J.**, Ashton, I. and M. Lerdau. (2007) Nitrogen additions and natural enemies in eastern forests: native and exotic species responses to resource manipulation in two community types. *Forest Science* 53: 701-709.

Knowlton, J., Donlan, C.J., Roemer, G.W., and Keitt, B.S. (2007) Eradication of non-native mammal and the status of insular mammals on the California Channel Islands, U.S.A., and Pacific Baja California Peninsula Islands, México. *Southwestern Naturalist*, 52 (4): 528-540.

Woo, Eliza, **Noto, Christopher R.**, Jonas, Mark, and Miyazaki, Joan M. (2007) Implementing Active Learning in Large Classes. In *Faculty Guidebook: A Comprehensive Tool for Improving Faculty Performance*, Third Edition. Pacific Crest, Lisle, IL.

Gurevitch, J., T.G. Howard, I.W. Ashton, E.A. Leger, K.M. Howe, **E. Woo**, and M. Lerdau. (in press) Effects of experimental manipulation of light and nutrients on establishment of seedlings of native and invasive woody species in Long Island, NY forests. *Biological Invasions*.

Leger, E.A., K.M. Howe, J. Gurevitch, **E. Woo**, J. Hickman, I.W. Ashton, M. Lerdau. (2007) The interaction between soil nutrients and leaf loss during early establishment in plant invasion. *Forest Science* 53 (6): 701-709.

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

Banta, J. A. (2007) Tolerance to apical meristem damage in *Arabidopsis thaliana* (Brassicaceae): zooming in and zooming out. *Northeastern Phenotypic Plasticity Extravaganza*. Storrs, CT.

Banta, J. A., Dole, J., Cruzan, M. B., Pigliucci, M. Evidence of local adaptation to coarse-grained environmental variation in *Arabidopsis thaliana*. (2007) *Society for Molecular Biology and Evolution Annual Meeting*. Halifax, Nova Scotia. (poster)

Cogni, Rodrigo. (2007) Patterns of local adaptation in an insect-plant interaction. *Ecological Society of America Annual Meeting*. San Jose, CA.

Hickman, Jonathan E. and M. Lerdau. (2007). Changes in nitrogen cycling and greenhouse gas emissions following invasion by kudzu (*Pueraria montana*). *Ecological Society of America*. San Jose, CA.

Hoch, J. Matthew. (2008) Morphological and Functional variation of the Barnacle Penis. *Benthic Ecology Meeting*. Providence, RI.

Ecology and Evolution

- Noto, Christopher R.** (2008) New Quantitative and experimental approaches to the study of vertebrate paleoecology. *Universidad de Los Andes*. Bogota, Colombia. (invited seminar)
- Noto, Christopher R.** (2008) Dinosaurs: More than just old bones. *Universidad de Los Andes*. Bogota, Colombia. (invited seminar)
- Noto, Christopher R.** (2007) Experimental taphonomy and environmental control of vertebrate preservation. *Society of Vertebrate Paleontology Annual Meeting, Austin, TX. Journal of Vertebrate Paleontology* 27(3S), 124A-125A.
- Silva, Natalia.** (2007) Distribution and population status of the endangered birds at the Oak Forest Corridor, eastern Andes, Colombia. *VII Neotropical Ornithological Congress*. Maturín, Venezuela.
- Silva, Natalia.** (2007) Ecology and population status of Santa Marta parakeet *Pyrrhura viridicata* in San Lorenzo, Sierra Nevada de Santa Marta, Colombia. *VII Neotropical Ornithological Congress*. Maturín, Venezuela.
- Thompson, Emily.** (2008) Development of size hierarchies after fire of pitch pine (*Pinus rigida*) in the Long Island Pine Barrens. *Ecological Society of America (ESA) Annual Meeting*. Milwaukee, WI. (poster)
- Velásquez-Tibatá, Jorge.** (2007) Establishing conservation priorities for the threatened and endemic birds of Colombia. *VIII Neotropical Ornithology Congress*. Maturin, Venezuela.
- Velásquez-Tibatá, Jorge.** (2007) Establishing conservation priorities for the threatened and endemic birds of Colombia. *Society for Conservation Biology Meetings*. Port Elizabeth, South Africa.
- Velásquez-Tibatá, Jorge.** (2007) Distribution and population status of the threatened birds of the Andean Oak forest corridor, Colombia. *VIII Neotropical Ornithology Congress*. Maturin, Venezuela.
- Warchola, Norah.** (2008) Butterfly movement in a post-agricultural landscape. *US-IALE Landscape Ecology Symposium*. Madison, WI.
- Woo, Eliza, Noto, Christopher R., Jonas, Mark, and Miyazaki, Joan M.** (2007) Active Student Participation in Lectures with Large Enrollments: An Experiment in Progress. *Ecological Society of America Annual Meeting*. San Jose, CA. (poster)
- Woo, Eliza, C.R. Noto, M. Jonas, J. Miyazaki.** (2007) Active student participation in lectures with large enrollments: An experiment in progress. *Ecological Society of America*. San Jose, CA.
- Woo, Eliza.** The role of plant-bird interactions on the invasion of Bermuda Juniper (*Juniperus bermudiana*) in Hawai'i. *Long Island Botanical Society*. Earth and Space Sciences Building, Stony Brook University, Stony Brook, NY. (invited speaker)
- Yeh, Shu-Dan.** (2008) Mapping the genetic region for the loss of two functionally-related trait, wing spots and wing display, in *Drosophila gunungcola*. *Molecular Evolution Gordon Research Conference in 2008*. Ventura, California. (poster)
- Yeh, Shu-Dan.** (2008) Mapping the genetic region for the loss of two functionally-related trait, wing spots and wing display, in *Drosophila gunungcola*. *Ecology and Evolution retreat in 2008*. Stony Brook, New York.

❖ Post-Doctorates Obtained and Professional Appointments

- Banta, Joshua.** (2008) Post-doctoral researcher. Department of Biology, *New York University*, New York, NY/USA.

❖ **Other**

Woo, Eliza. (2006-2007) *Co-organizer/Presenter* for Undergraduate Biology Teaching Assistant Orientations at SUNY Stony Brook.

Woo, Eliza. Panel Discussion Member. SUNY Stony Brook Teaching Assistant Workshop, August 2007.

Woo, Eliza. (2007) Judge. *Twelfth Annual Rohm and Haas Electronic Materials Invitational Science Fair.*

Woo, Eliza. (2007) Manuscript Reviewer. *Biological Conservation.*

ECONOMICS

GRADUATE DIRECTOR: SANDRO BRUSCO
DEPARTMENT CHAIR: WILLIAM DAWES

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

Moore, Miranda. (2007) Testing Rational Expectations in a Fertility Setting. *Southern Economic Association 77th Annual Conference, Presentation*. New Orleans, LA.

Rarytska, Olena. (2008) Empirical Study of Asymmetric Bidders in On-line Auctions. *34th Eastern Economic Association Annual Conference*. Boston, MA.

❖ **Internship Appointments**

Moore, Miranda. (2007) Student Trainee (Economist) at the Department of Labor, Employee Benefits Security Administration, Office of Policy and Research. Washington, D.C.

ELECTRICAL AND COMPUTER ENGINEERING

GRADUATE DIRECTOR: YUANYUAN YANG
DEPARTMENT CHAIR: SERGE LURYI

❖ Jointly Authored Publications/Research Reports/Reviews

- Mun, J., **Cho, S. H.** and Hong, S. (2007) Flexible Controller Design and Its Application for Concurrent Execution of buffer Centric Dataflows. *Journal of VLSI Signal Processing* 47(3): 233-257.
- Park, K. S., **Cho, S. H.**, Hong, S. and Cho, W.D. (2008) Real-Time Target Detection Architecture based on Reduced Complexity Hyperspectral Processing. *EURASIP Journal on Advances in Signal Processing*.
- Yang, Y., Wang, J. and **Yang, M.**, (2008) A Service-Centric Multicast Architecture and Routing Protocol. *IEEE Transaction on Parallel and Distributed Systems* 19: 35-51
- Yun, Xiao**; Kim, Donghwi; Stanacevic, Milutin; Mainen, Zachary, (2007) Low-power High-Resolution 32-channel Neural Recording System. *Engineering in Medicine and Biology Society. EMBS, 29th Annual International Conference of the IEEE*: 2373-2376.
- Yun, Xiao**; Stanacevic, Milutin, (in press) Extended Counting ADC for 32-channel Neural Recording Headstage for Small Animals. *IEEE. International Symposium on Circuits and Systems (ISCAS'2008)*.

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

- Cho, S. H.**, Lee, J., Deng, X. Hong, S. and Cho, W. D. (2007) Passive Sensor Based Dynamic Object Association Method in Wireless Sensor Networks. *Proceedings of IEEE Midwest Symposium on Circuits and Systems (MWSCAS)*. Montreal, Canada.
- Lee, J., **Cho, S. H.**, Deng, X., Hong, S. and Cho, W. D. (2007) Multitarget Tracking (MTT) in 3-D using 2-D Particle Filters with Single Passive Sensor. *Proceedings of IEEE Midwest Symposium on Circuits and Systems (MWSCAS)*. Montreal, Canada.
- Cho, S. H.**, Lee, J. and Hong, S. (2007) Passive Sensor Based Dynamic Object Association with Particle Filtering. *Proceedings of IEEE International Conferences on Advanced Video and Signal based Surveillance (AVSS)*. London, UK.
- Lee, J., Kim, B. G., **Cho, S. H.**, Hong, S. and Cho, W. D. (2007) Multitarget Tracking in 3-D Space Based on Particle Filter with Single Passive Sensor. *Proceedings of IEEE International Conferences on Advanced Video and Signal based Surveillance (AVSS)*. London, UK.
- Kyong, Y., **Cho, S. H.**, Hong, S., Park, P. and Cho, W. D. (2007) Self Localization Method for Mobile Sensor in Navigation Applications. *Proceedings of IEEE Asilomar Conference on Signals, Systems and Computers*. CA.
- Yang, M.** and Yang, Y., (2007) Constructing a Linear Network Code for Multicast Networks Based on Hypergraphs, *IEEE Global Telecommunications Conference*. Washington D.C.
- Yang, M.** and Yang, Y., (2007) An Efficient Hybrid Peer-to-Peer System for Distributed Data Sharing. *IEEE International Parallel & Distributed Processing Symposium*. Miami, FL.
- Yang, M.** and Yang, Y., (2007) Peer-to-peer File Sharing Based on Network Coding. *International Conference on Distributed Computing Systems*. Beijing, China.

Electrical and Computer Engineering

Wei, Ying; **Yun, Xiao**; Stanacevic, Milutin; Doholi, Alex, (2007) Design of Mixed-Signal Circuits for Wireless Communication System and Implanted Neural Devices in 3D Technology. *Nano and Giga Challenges in Electronics and Photonics (NGC'2007)*. Phoenix, AZ.

Yun, Xiao; Kim, Donghwi; Gandhi, Ram; Stanacevic, Milutin, (2007) Implanted Neural Devices in 3D-SOI Technology. *Connecticut Symposium on Microelectronics & Optoelectronic (CMOC'2007)*. Yale University, New Haven, CT.

❖ Internship Appointments

Yang, M., (2006) Software Engineer, *Symbol Technologies (Now Motorola Inc.)*. Holtsville, NY.

ENGLISH

GRADUATE DIRECTOR: CELIA MARSHIK
DEPARTMENT CHAIR: STEPHEN SPECTOR

❖ Grants, Fellowships, and Awards

Lorenz, Matt (2007) Honorable Mention: Rutledge Prize for Blake's Ethical Aesthetic: Wonder and the Other in Blake's Annotations to Reynolds. *Southern Comparative Literature Association*, Raleigh, NC.

❖ Singly Authored Publications/Research Reports/Reviews

Churilla, Emily. (in press) Coming Home: Communities beyond Borders. In Caryl Phillips (Ed), *The Atlantic Sound and Leila Aboulela's Minaret, Obsidian III*.

Stormont, Craig. (2007) Nature and 'Human Universe': The Trail of Human Error. In Gary Grieve-Carlson (Ed.), *Olson's Prose* (62-75). Newcastle, UK: Cambridge Scholars Publishing.

Walsh, Rachel. (2007) Perverted Conversions: Sovereignty, the Exception, and the Body at Abu Ghraib. *Radical Philosophy Review* 10 (2):133-148.

Walsh, Rachel. (2008) Marriage in Henry James. In E. Haralson and K. Johnson (Eds.), *A Critical Companion to Henry James*. Clearmark Books.

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

Churilla, Emily. (2007) Accounting the Untranslatable: Pain and the Same in Kazuo Ishiguro's A Pale View of Hills. *The Southern Comparative Literature Association Thirty-Third Annual Conference*. Raleigh, NC.

Devlin, Paul. (2007) The Sexual Politics of Drayton's Economics in Song XVI of Poly-Olbion. *5th Annual UMASS Center for Renaissance Studies Graduate Conference*. University of Massachusetts, Amherst, MA.

Devlin, Paul (2007). You Can Have Watergate, Just Gimme Some Bucks and I'll Be Straight: James Brown's Richard Nixon. *123rd MLA Convention*. Chicago, IL.

Devlin, Paul (2008) Albert Murray and Visual Art. *Albert Murray and the Aesthetic Imagination of a Nation: A Symposium*. Auburn University, Auburn, AL.

Devlin, Paul (2008) Wilson, Bergson, Deleuze: Duration and Memory in Gem of the Ocean and Radio Golf. *August Wilson: The Second Half of the Cycle*. University of Kentucky, Lexington, KY.

Fox, Meghan. (2008) The Aesthetics of Hysteria: A Usurpation of Language in *Dracula* and *Dora*. *The 20th Annual Stony Brook Graduate English Conference*. New York, NY.

Fox, Meghan. (2008) 'The vision must be perpetually remade': An Examination of Ethical and Aesthetic Revisions in *To the Lighthouse*. *The 18th Annual Virginia Woolf Conference*. Denver, Colorado.

Hunter, Les. (2008) Becoming Romantic: Women's Sexual Encounters with the Other in *Mourning Becomes Electra* and *Machinal*. *32nd Annual Comparative Drama Conference*. Loyola Marymount University, Los Angeles, CA.

Lorenz, Matt (2007) Blake's Ethical Aesthetic: Wonder and the Other in Blake's Annotations to Reynolds. *Southern Comparative Literature Association*. Raleigh, NC.

English

McGrath, Derek. (2007) 'Is The World, Then, So Narrow?': The Simultaneous Need for Home and Travel in Hawthorne's *The Scarlet Letter*. *MLA Convention*. Chicago, IL.

Rose, Lydia. (2008) Jocasta to Carmela Soprano: A Legacy of Representations of Conflicted Mothers. *Association for Research on Mothering Conference*. New York, NY.

Walsh, Rachel. (2007) Fashionable Empathy: Neocolonial Imaginings of Post-Colonial Africa. *College English Association Conference*. New Orleans, LA.

Walsh, Rachel. (2007) Perverted Conversions: Sovereignty, the Exception, and the Body at Abu Ghraib. *Cultural Studies Association Conference*. Portland, OR.

Walsh, Rachel. (2008) Embodiment and Empathy: Toward a Praxis of Justice in J.M. Coetzee's *Age of Iron*. *Northeast Modern Language Association Conference*. Buffalo, NY.

❖ Professional Appointments

Crane, Susan. Assistant Professor. English Department, *Newman University*, Wichita, KS.

Johns, Timothy. Assistant Professor. Department of World Literature, *Murray State University*, Murray, KY.

Sahay, Amrohini. Assistant Professor. English Department, *Hofstra University*, Hempstead, NY.

Woertendyke, Gretchen. Assistant Professor. Department of English, *University of South Carolina*, Columbia, SC.

❖ Other

Hunter, Les. (2008) Playwright. *Lion of the East*. *Bates College*, Lewiston, Maine.

Hunter, Les. (2007) Playwright. Notes Towards a Dialectic Deconstructed, Reconstructed, and Ultimately Discarded: A Love Story. *Collective:Unconscious*. New York, NY.

Stormont, Craig. (2007) Documentary Film Interview. *Polis Is This: Charles Olson and the Persistence of Place*. Ferrini Productions. Henry Ferrini, Director. Gloucester, MA.

GENETICS

GRADUATE DIRECTOR: GERALD THOMSEN

❖ Grants, Fellowships and Awards

DeRosa, Adam. (2007) The Sigma Xi Award for Excellence in Research Travel Grant, \$200. *The Sigma Xi International Research Society*. Stony Brook, NY.

Siolas, Despina. (2007) Aspen Cancer Fellow, \$700. *Aspen Cancer Conference, Inc.* Aspen, CO.

❖ Jointly Authored Publications/Research Reports/Reviews

Schmidt VA, **Chiariello Carmine S.**, Capilla E, Miller F, Bahou WF. (2008) Development of hepatocellular carcinoma in Iqgap2-deficient mice is IQGAP1 dependent. *Mol Cell Biol.* 28(5):1489-502

DeRosa, Adam M. C.-H. Xia, X. Gong and T.W. White (2007) The cataract inducing Cx50-S50P mutation dominantly alters wild-type lens connexin channel gating. *J. Cell Sci.* 120:4107-16.

A.D. Hoptak, K.A. Klein, **Adam M. DeRosa**, T.W. White, and M.K. Iovine (2007) Missense mutations in zebrafish Connexin43 leads to defective gap junctional intercellular communication. *FEBS Lett.* 581(17):3297-3302

A.D. Hoptak, **Klein, Kathryn A.**, A. M. DeRosa, T.W. White, and M.K. Iovine (2007) Missense mutations in zebrafish Connexin43 leads to defective gap junctional intercellular communication. *FEBS Lett.* 581(17):3297-3302

Kloc, Anna, Zaratiegui M, Nora E, Martienssen R. (2008) RNA Interference Guides Histone Modification during the S Phase of Chromosomal Replication. *Current Biology* 18: 490-495.

Meşe, Gülistan, Richard G, White TW. (2007) Gap junctions: basic structure and function. *Journal of Investigative Dermatology* 127 (11): 2516-24.

Kanaporis G, **Meşe, Gülistan**, Valiuniene L, White TW, Brink PR and Valiunas V. (2008) Gap Junction Channels Exhibit Connexin-specific Permeability to Cyclic Nucleotides. *Journal of General Physiology* 131: 293-305.

Nolan, Daniel J., Ciarrocchi, A., Mellick, A.S., Gupta, S., Heikamp, E., Jaggi, J.S., Bambino, K., Scheinberg, D.A. Benezra, R. and Mittal, V., (2007) Bone marrow-derived endothelial progenitor cells are a major determinant of early tumor neovascularization. *Genes and Development* 21: 1546-1558.

Ciarrocchi, A., Jankovic, V., Shaked, Y., **Nolan, Daniel**, Mittal, V., Kerbel, R., Nimer, S. and Benezra, R. (2007) Id1 restrains p21 expression to control endothelial progenitor cell formation. *PLoS ONE* 19; 2(12):e1338.

Rubin, C. T., Capilla, E., Luu, Y.K., Busa, B., Crawford, H., **Nolan, Daniel J.** Mittal, V., Rosen, C.J., Pessin, J.E., Judex, S. (2007) Adipogenesis is inhibited by brief, daily exposure to high-frequency, extremely low-magnitude mechanical signals. *PNAS* 104 (45) 17879-17884.

Gao, D., **Nolan, D.J.**, Mellick, A.S., Bambino, K., McDonnell, K., Mittal, V., (2008) Endothelial progenitor cells control the angiogenic switch in mouse lung metastasis. *Science* 319: 195-198.

Forestal, C.A., Gil, H., Monfett, M., Noah, C.E., **Platz, Gabrielle J**, Thanassi, D.G., Benach, J.L., Furie, M.B. (in press) A conserved and immunodominant lipoprotein of *Francisella tularensis* is proinflammatory but not essential for virulence. *Microb Pathog*.

Roohi, Jasmin, Montagna, C., Tegay, D.H., Palmer, L.E., Devincent, C., Pomeroy, J.C., Christian, S.L., Nowak, N., Hatchwell, E. (in press) Disruption of Contactin 4 in 3 Subjects with Autism Spectrum Disorder. *J Med Genet*.

Roohi, Jasmin, Tegay, D.H., Pomery, J.C., Burkett, S., Stone, G., Stanyon, R., Hatchwell, E. (in press) A de novo Apparently Balanced Translocation [46,XY,t(2;9)(p13;p24)] Interrupting RAB11FIP5 Identifies a Potential Candidate Gene for Autism Spectrum Disorder. *Am J Med Genet*.

Roohi, Jasmin, Cammer, M., Montagna, C., Hatchwell, E. (in press) An Improved Method for Generating BAC DNA Suitable for FISH. *Cytogenet Genome Res*.

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

Chiariello, Carmine S., Vaitheesvaran, B, Xu, J., Schmidt, V.A., Bastie, C.C., Pessin, J., Bahou, W.F. and Kurland, I.J. (2008) Iqgap2 KO mice have metabolic inflexibility despite normal glucose disposal and hypotriglyceridemia. *Endocrine Society*. San Francisco, CA.

Damon, Andrea. (2007) Megakaryocyte/Platelet-Restricted FVIII Expression Using a Platelet Factor 4 Promoter: Determination of Activation State and *In Vivo* Efficacy during Thrombocytosis. *American Society of Hematology Annual Meeting*. Georgia World Congress Center, Atlanta, GA.

DeRosa, Adam. (2007) The Cx50-S50P mutation dominantly alters wild-type Cx46 channel gating. *Annual Meeting of the American Society for Cell Biology*. Washington, D.C.

DeRosa, Adam. (2007) The Cx50-S50P mutation dominantly alters wild-type Cx46 channel gating. *Annual Meeting of the Association for Research in Vision and Ophthalmology*. Fort Lauderdale, FL.

Gersch, Robert, Kirmizitas, A, Thomsen, G, Hadjiargyrou, M. (2008) *In vivo* downregulation of *Mustn1* mRNA leads to musculoskeletal defects. *ASBMR Conference*. Montréal, Québec.

Gucwa, Azad L., and Brown, D.A. (2007) Eps15 is Present on Early Endocytic Structures Following Clathrin-independent Internalization of Ubiquitinated ErbB2. *American Society of Cell Biology 47th Annual Meeting*. Washington, DC.

Hosszu, Kinga. (2008) C1q is a Molecular Switch Dictating the Monocyte to Dendritic Cell (DC) Transition and Arrests DCs in an Immature Phenotype. *Annual meeting of the Federation of American Societies for Experimental Biology (FASEB)*. San Diego, CA.

Meşe, Gülistan. (2007) Altered Permeability of Connexin26 Non-Syndromic Deafness Associated Mutants. *47th Annual Meeting of American Society for Cell Biology*. Washington, DC.

Meşe, Gülistan. (2007) Altered Permeability of Connexin26 Non-Syndromic Deafness Associated Mutants. *Cellular Biology of Gap Junction Channels Special Interest SubGroup, 47th Annual Meeting of American Society for Cell Biology*. Washington, DC.

Platz, Gabrielle, Mena, P., Furie, M., Benach, J., and Thanassi, D.G. (2007) In Vivo and In Vitro Characterization of *Francisella tularensis tolC* and *flc* Mutants. *Microbial Pathogenesis and Host Response Meeting*. Cold Spring Harbor, NY.

Platz, Gabrielle, Mena, P., Furie, M., Benach, J., and Thanassi, D.G. (2008) In Vivo and In Vitro Characterization of *Francisella tularensis tolC* and *flc* Mutants. *2008 Tularemia Workshop*. Lake George, NY.

Tovkach, Andriy. (2007). Plant Gene Targeting with Zinc Finger Nucleases. *Meeting of the Society for In Vitro Biology*. Indianapolis, IN

Tovkach, Andriy and Tzfira, Tzvi (2007) Toward Zinc Finger Nucleases-Mediated Gene Targeting in Plants. *American Society of Plant Biologists Plant Biology and Botany Joint Congress*. Chicago, IL. (poster)

Ulloa, Nadine. (2008) Characterization of MAGL Activity and Its Inhibition by N-Arachidonylmaleimide (NAM) Using a Colorimetric Assay. *18th Annual Symposium on the Cannabinoids, International Cannabinoid Research Society*. Aviemore, Scotland.

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

Chiariello, Carmine. (2008) Production Supervisor. *inGenious Targeting Laboratory, Inc.* Stony Brook, NY.

Connolly, Tarah Dame. (2007) Postdoctoral Research Associate. Department of Internal Medicine, *Yale University*, New Haven, CT.

Damon, Andrea. (2008) Medical Writer. *Foti & Lazo*, New York, NY.

DeRosa, Adam. (2008) Postdoctoral Research Associate. Department of Physiology and Biophysics, *SUNY at Stony Brook*, Stony Brook, NY.

Kulkarni, Ritwij. (2007) Postdoctoral Research Associate. Department of Pediatrics, *Columbia University Medical Center*, New York, NY.

Meşe, Gülistan. (2007) Postdoctoral Research Associate. Department of Physiology and Biophysics, *SUNY at Stony Brook*, Stony Brook, NY.

Nolan, Daniel J. (2008) Postdoctoral Research Associate. Howard Hughes Medical Institute, Department of Genetic Medicine, *Cornell University Medical College*, New York, NY.

GEOSCIENCES

GRADUATE DIRECTOR: DANIEL DAVIS
DEPARTMENT CHAIR: RICHARD REEDER

❖ Grants, Fellowships, and Awards

- Fokin, Maria A.** (2007-2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$24,000. *United States Department of Education*, Washington, DC.
- Ghosh, Attreyee.** (2007) Outstanding Student Paper Award. *AGU Fall Meeting*, San Francisco, CA.
- Hahn, Brian C.** (2008) Stephen E. Dwornik Planetary Geoscience Student Paper Award (Best Poster Presentation). *Geological Society of America*, Boulder, CO.
- Hahn, Brian C.** (2007-2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$24,000. *United States Department of Education*, Washington, DC.
- Hylton, Shavonne.** (2007-2008) IGERT 3MT training program fellowship, \$30,000. *National Science Foundation/Stony Brook University*, Stony Brook, NY.
- Mason, Harris.** (2007-2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$24,000. *United States Department of Education*, Washington, DC.
- McCubbin, Francis.** (2007-2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$24,000. *United States Department of Education*, Washington, DC.
- McCubbin, Francis.** (2007) Travel Award, \$1000. *7th International Conference on Mars*, Pasadena, CA.
- McCubbin, Francis.** (2007) Travel Award, €500. *2007 Goldschmidt Conference*, Cologne, Germany.
- McCubbin, Francis.** (2007) Travel Award, €200. *2007 Short Course on Amphiboles*, Rome, Italy.
- Michel, F. Marc.** (2008) President's Award to Distinguished Doctoral Students, \$500. *Stony Brook University*, Stony Brook, NY.
- Munster, Jennie.** (2007-2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$24,000. *United States Department of Education*, Washington, DC.
- Tang, Y.** (2007) International Student Travel Grant, €500. *Goldschmidt 2007 Conference*, Cologne, Germany.
- Tembe, Sheryl.** (2007-2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$24,000. *United States Department of Education*, Washington, DC.
- Tembe, Sheryl.** (2007) Service Contract, \$16,800. *US Geological Survey*, Menlo Park, CA.
- Thompson, Meagan.** (2008) Graduate Assistance in Areas of National Need (GAANN) Fellowship, \$12,000. *United States Department of Education*, Washington, DC.
- Yu, T., L. Ehm, J. Chen, Q. Guo, S. Luo, J. Parise.** (2007) Best Poster Award for High pressure and high temperature pair distribution function study of liquid gallium: clusters in liquid. *NSLS/CFN Users' Meeting*, Upton, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Ghosh, Attreyee.** (2008) Elucidating lithosphere-mantle coupling by modeling the lithospheric stress field and predicting plate motions. *Doctoral Dissertation*. Stony Brook, NY: Stony Brook University

Tembe, Sheryl. (2007) Experimental constraints on the frictional properties of fault zones through the San Andreas Fault Observatory at Depth (SAFOD) scientific drilling project. *Doctoral Dissertation*. Stony Brook, NY: Stony Brook University.

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

Louis, L., **Chen, T.-M. N.**, David, C., Robion, P., Wong, T.-f., and Song, S.-R. (in press) Anisotropy of magnetic susceptibility and P-wave velocity in core samples from the Taiwan Chelungpu-fault Drilling Project (TCDP), *Journal of Structural Geology*.

Cochiara, Stacey G. and Phillips, Brian L. (2008) NMR spectroscopy of naturally occurring surface-adsorbed fluoride on Georgia kaolinite. *Clays and Clay Minerals* 56 (1): 88-97.

Li, Wei, Zhang, Shuzhen; Shan, Xiaoquan. (2007) Surface modification of goethite by phosphate for enhancement of Cu and Cd adsorption, *Colloids and Surfaces A: Physicochem. Eng. Aspects* 293: 13-19.

Li, L., Addad, A., Weidner, D., **Long, HB.**, Chen, J. (2007) High pressure deformation in two-phase aggregates. *Tectonophysics* 439: 107-117.

Phillips, B.L., **Mason, H.E.**, Guggenheim, S. (2007) Hydrogen bonded silanols in the 10-Å Phase: evidence from NMR spectroscopy. *Am. Mineral.* 92 (8-9): 1474-1484.

McCubbin, F.M., **Mason, H.E.**, Park, H., Phillips, B.L., Parise, J.B., Nekvasil, H., Lindsley, D.H. (2008) Synthesis and characterization of low-OH- fluor-chlorapatite: A single crystal XRD and NMR spectroscopic study. *Am. Mineral.* 93 (1): 210-216.

Mason, H.E., Kozłowski, A., Phillips, B.L. (2008) Solid-State NMR Study of the Role of H and Na in AB-type Carbonate Apatite. *Chem. Mater.* 20 (1): 294-302.

McCubbin, F. M., Mason, H. E., Park H., Phillips, B. L., Parise, J. B., Nekvasil, H., and Lindsley, D. H. (2008) Synthesis and Characterization of low-OH⁻ fluor-chlorapatite: A single crystal XRD and NMR spectroscopic study. *American Mineralogist* 91 (1): 210-216.

McCubbin, F.M. and Nekvasil H. (2008) Maskelynite-hosted apatite in the Chassigny meteorite: Insights into late-stage magmatic volatile evolution in Martian magmas. *American Mineralogist* 93 (4): 676-684

Wilhelm, C., Boyd, S. A., Chawda, S., Fowler, F.W., Goroff, N. S., Halada, G. P., Grey, C. P., Lauher, J. W., Luo, L., Martin, C. D., Parise, J. B., **Tarabrella, C.**, and Webb, J. A. (2008) Pressure-induced polymerization of diiodobutadiyne in assembled co-crystals. *Journal of the American Chemical Society* 130 (13): 4415 -4420.

Tembe, S., Baud, P., Wong, T.-f. (in press), Stress conditions for the propagation of discrete compaction bands in porous sandstone. *Journal of Geophysical Research*.

Wang, Y., Wen, L., and Weidner, D. (2008) Upper mantle SH- and P-velocity structures and compositional models beneath southern Africa. *Earth Planet Sci Lett.* 26: 596-608.

Whitaker, M.L., Lindsley, D.H., Kubicek-Whitaker, J.M. and Nekvasil, H. (2007) Carbon is not required during crystallization to produce ferrobasalts/ferrodiorites (FTP rocks). *American Mineralogist* 92(10): 1750-1755.

Whitaker, M.L., Nekvasil, H., Lindsley, D.H., and McCurry, M. (2008) Can crystallization of olivine tholeiite give rise to potassic rhyolites? an experimental investigation. *Bulletin of Volcanology* 70(3): 417-434.

Liu, Q., Liu, W. **Whitaker, M.L.**, Wang, L., Li, B. (in press) Compressional and shear wave velocities of Fe₂SiO₄ spinel at high pressure and high temperature. *High Pressure Research* (Special Volume).

Whitaker, M.L., Liu, W., Liu, Q., Wang, L., Li, B. (in press) Combined *in situ* synchrotron X-ray diffraction and ultrasonic interferometry study of α -FeSi at high pressure and temperature. *High Pressure Research* (Special Volume).

Chen J., Yang Y., **Yu T.**, Zhang J., Zhao Y., Wang L. (in press) Strength measurement of boron suboxide B₆O at high pressure and temperature using *in-situ* synchrotron x-ray diffraction. *APS Workshop Proceedings*.

Ehm L., Antao S., Chen J., Locke D., Michel M., Martin C.D., **Yu T.**, Parise J. B., Lee P., Chupas P., Shastri S., Guo Q. (2007) Studies of local and intermediate range structure in crystalline and amorphous materials at high pressure using high-energy x-rays. *Powder Diffraction* 22 (2): 108-112.

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

Beavon, Lauren J., McLennan, Scott M., Lindsley, Donald H., Tosca, Nicholas J. (2007) Trace Element Mobility in Martian Basalt. *American Geophysical Union Fall Meeting*. San Francisco, CA. (poster)

Beavon, Lauren J., McLennan, Scott M., Lindsley, Donald H., Tosca, Nicholas J. (2008) Experimental Constraints on Trace Element Mobility in Martian Basalt. *39th Lunar and Planetary Science Conference*. Houston, TX. (poster)

Chen, T.-M. N., Louis, L., Wong, T.-f., and Song, S. R. (2007) Microcrack fabric and seismic anisotropy of TCDP sandstone samples. *2007 Taiwan Geosciences Assembly*. LungTan, Taiwan.

David, C., Louis, L., Robion, P., Humbert, F., Wong, T.-f., **Chen, N. T.**, Boullier, A.-M., and Song, S.-R. (2007) Physical properties and microstructures in core samples near the Chelungpu fault in Taiwan. *Euro-Conference of Rock Physics and Geomechanics on "Natural Hazards: Thermo-Hydro-Mechanical Processes in Rock" (EMFCSC)*. Erice-Sicily, Italy.

Louis, L., **Chen, T.-M.**, Robion, P., David, C., and Wong, T.-f. (2007) Anisotropy of physical properties and microstructure of two SAFOD spot core samples. *Euro-Conference of Rock Physics and Geomechanics on "Natural Hazards: Thermo-Hydro-Mechanical Processes in Rock" (EMFCSC)*. Erice-Sicily, Italy.

Cochiara, Stacey G. and Phillips, Brian L. (2008) F/Al double resonance NMR to probe variable-charge clay surfaces. *American Chemical Society National Meeting*. New Orleans, LA.

Dimitrova L. L., W. E. Holt, A. J. Haines, and R. A. Schultz. (2008) Stress Models, Global Contraction, and Surface Faults on Mars. *39th Lunar and Planetary Sci. Conf.* League City, TX. (abstract)

Dimitrova L. L., W. E. Holt, A. J. Haines, and R. A. Schultz. (2008) Evidence for Material Removal and/or Subsidence of the Martian Lithosphere from a Global Dataset of Surface Faults. *39th Lunar and Planetary Sci. Conf.* League City, TX. (abstract)

Dimitrova L. L., W. E. Holt, A. J. Haines, and R. A. Schultz. (2007) Lithospheric Stress and Strain Models: Constraints from a Global Dataset of Surface Faults. *Seventh International Conference on Mars*. Pasadena, CA. (abstract)

Dimitrova L. L., W. E. Holt, A. J. Haines, and R. A. Schultz. (2007) Evidence for Material Removal and/or Subsidence of the Martian Lithosphere from a Global Dataset of Surface Faults. *American Geophysical Union, Fall Meeting*. San Francisco, CA. (abstract)

Fokin, M., McCubbin, F.M., Lindsley, D.H., Smirnov, A. and Schoonen, Martin. (2007) A Route to Synthetic "Crocidolite". *MSA Shortcourse on Amphiboles*. Accademia Nazionale dei Lincei, Rome, Italy.

Ghosh, A. Holt, W.E., Wen, L., Haines, A.J. and Flesch, L.M. (2007) A Best-fit Lithosphere-Mantle Coupling Model Constrained by Plate Motions and the Velocity Gradient Tensor Field in the Plate Boundary Zones. *EOS Trans. AGU*, 88(52), Fall Meet. Suppl., Abstract T21B-0582.

- Holt, W.E., **Ghosh, A.**, L. Wen, Haines, A.J. and Flesch, L.M. (2007) Integrating full three-dimensional mantle circulation models with lithospheric deformation models. *EOS Trans. AGU*, 88(23), Jt. Assem. Suppl., Abstract U42A-05.
- Hahn, B. C.** and McLennan, S. M. (2007) The Bulk Chemical Composition of the Martian Upper Crust. *17th Ann. Goldschmidt Conference Abstracts*. Cologne, Germany.
- Hahn, B. C.**, McLennan, S. M., and Tosca, N. J. (2007) Experimental Constraints on Trace Element Behavior in Martian Evaporite Minerals. *American Geophysical Union Fall Meeting*. San Francisco, CA. *39th Lunar and Planetary Science Conference*. Houston, TX.
- Hahn, B. C.** and McLennan, S. M. (2008) Martian Surface Heat Production and Crustal Heat Flow from Mars Odyssey Gamma-Ray Spectrometry. *39th Lunar and Planetary Science Conference*. Houston, TX.
- Hahn, B. C.** (2008) *Massapequa Union Free School District Superintendent's Day Conference*. Massapequa, NY. (invited speaker)
- Hahn, Brian C.** (2007, 2008) The 2001 Mars Odyssey Science Team Meeting. *Lunar and Planetary Laboratory at the University of Arizona*. Tucson, AZ.
- Hahn, Brian C.** (2007, 2008) Mars Exploration Rover Science Team Meeting. *NASA – Jet Propulsion Laboratory*. Pasadena, CA.
- Elardo S.M., **Harrington, A.D.**, Nekvasil H., McCubbin F.M., and Lindsley D.H. (2008) Constraints on Water Contents of Martian Magmas: Inferences from the Chassigny Meteorite and Experiments on Backstay. *Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- Harrington, A.D.**, McCubbin F.M., Elardo S.M., Nekvasil H., and Lindsley D.H. (2008) Irvine: A Parent to Backstay? *Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- McCubbin F.M., Nekvasil H., **Harrington, A.D.**, Elardo S.M., and Lindsley D.H. (2007) Experimental crystallization of dry and wet Humphrey at 9.3 kbar: Implications for compositional diversity of the Martian crust. *AGU Abstracts fall meeting*. San Francisco CA. (abstract)
- Nekvasil H., McCubbin F.M., **Harrington, A.D.**, O'Leary M.C., Elardo S.M., and Lindsley D.H. (2007) Crustal Differentiation On Mars: Insights from Rocks Analyzed by the MER Rover Spirit. *Seventh International Conference on Mars*. Pasadena, CA.
- Nekvasil H., McCubbin F.M., **Harrington, A.D.**, Elardo S.M., and Lindsley D.H. (2007) Linking surface and cumulus lithologies on Mars: Evidence from experimental phase relations. *AGU Abstracts fall meeting*. San Francisco CA. (abstract)
- Laffers, Richard**, Rodriguez Rivera, Vanessa, Strongin, Daniel R., Schoonen, Martin. (2007) Oxidation kinetics of commingled metal sulfides: Experimental study. *234th ACS National Meeting*. Boston, MA.
- Li, Wei.**, Feng, Jian, Phillips, Brian. (2008) Application of double-resonance NMR methods to phosphate adsorption on boehmite. *The ACS 235th national meeting*. New Orleans, LA.
- Long, HB.**, Weidner, D., Li, L., Chen, J., Wang, L. (2007) Olivine Instability: An Experimental View of Mechanism of Deep Earthquakes. *Eos Trans. AGU*, 88(52), Fall Meet. Suppl., Abstract MR43A-0980.
- Smirnov A., Hausner D., Laffers R., **McCubbin, F.M.**, Strongin D.R., and Schoonen M.A.A. (2008) Abiotic Nitrogen Reduction in Hadean Hydrothermal systems. *Astrobiology for Astrobiology Science Conference*. Santa Clara, CA.

- McCubbin, F.M.**, Nekvasil H., Jolliff B.L., Carpenter P.K., and Zeigler R.A. (2008) A survey of lunar apatite volatile contents for determining bulk lunar water: How dry is “bone dry”? *Proceedings of the Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- McCubbin, F.M.**, Tosca N.J., Smirnov A., Nekvasil H., Fries M., and Steele A. (2008) Jarosite in a clinopyroxene-hosted melt inclusion from Martian meteorite Mil 03346: Evidence for hydrothermal formation by sulfide oxidation. *Proceedings of the Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- Harrington A., **McCubbin, F.M.**, Elardo S., Nekvasil H., and Lindsley D.H. (2008) Irvine: A parent to Backstay? *Proceedings of the Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- Nekvasil H., **McCubbin, F.M.**, Tosca N.J., and Smirnov A. (2008) Hydrothermal activity on Mars: Can magmatic waters play a viable role? *Proceedings of the Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- Elardo S., Harrington A., Nekvasil H., **McCubbin, F.M.**, and Lindsley D.H. (2008) Constraints on water contents of Martian magmas: Inferences from the Chassigny meteorite and experiments on Backstay. *Proceedings of the Lunar and Planetary Science Conference XXXIX*. Houston, TX.
- McCubbin, F.M.**, Nekvasil H., Harrington A., Elardo S., and Lindsley D.H. (2007) Experimental crystallization of dry and wet Humphrey at 9.3 kbar: Implications for compositional diversity of the Martian crust. *AGU Abstracts fall meeting*. San Francisco CA. (abstract)
- Nekvasil H., **McCubbin, F.M.**, Harrington A., Elardo S., and Lindsley D.H. (2007) Linking surface and cumulus lithologies on Mars: Evidence from experimental phase relations. *AGU Abstracts fall meeting*. San Francisco, CA. (abstract)
- McCubbin, F.M.**, Nekvasil H., and Lindsley D.H. (2007) O(3) Occupancy of Kaersutite Crystallized at 1 atm and low Oxygen Fugacity in a dry, F-bearing system. *Mineralogical Society of America, and Geochemical Society Short Course on Amphiboles Abstracts*. Accademia Nazionale dei Lincei, Rome, Italy. (abstract)
- Fokin M.A., **McCubbin, F.M.**, Smirnov A., and Lindsley D.H. (2007) A route to synthetic crocidolite. *Mineralogical Society of America, and Geochemical Society Short Course on Amphiboles Abstracts*. Accademia Nazionale dei Lincei, Rome, Italy .
- McCubbin, F.M.**, Nekvasil H., Smirnov A., and Lindsley D.H. (2007) Kaersutite in the Chassigny martian meteorite: How much water? *Geochimica Cosmochimica Acta Abstracts for Goldschmidt*. Cologne, Germany. (abstract)
- Munster, J.**, Hanson, G., Jackson, A. (2008) Nonpoint sources of perchlorate contamination to groundwater. *National Ground Water Association Conference on Eastern Regional Ground Water issues*. Ronkonkoma, NY.
- Munster, J.**, Hanson, G., Jackson, A. (2008) Perchlorate in turfgrass systems. *The 15TH Conference on Geology of Long Island and Metropolitan New York*. Long Island, NY.
- Munster, J.**, Hanson, G., Jackson, A. (2007) Perchlorate in turfgrass systems. *Eos Trans. AGU*, 88(52), Fall Meet. Suppl., Abstract H41K-07. Long Island, NY.
- Munster, J.E.**, Hanson, G.N., Bokuniewicz, H.J. (2007) Nonpoint sources of perchlorate to Suffolk County groundwater. *The 14th Conference on Geology of Long Island and Metropolitan New York*. Stony Brook, NY.
- Munster, J.**, Hanson, G., Bokuniewicz, H. (2007) Major ion chemistry and mixing proportions of nitrate sources in urban groundwater. *Eos Trans. AGU*, 88(23), Jt. Assem. Suppl. Abstract H34A-03. Acapulco, Mexico.
- Harden, J.W., Manies, K.L., **Munster, J.**, Bubier, J.L., Mack, M. C. (2007) Changes in type, cover and production of moss in a fire chronosequence of black spruce in Interior Alaska. Seventh International Conference on Global Change: Connection to the Arctic (GCCA-7). *International Arctic Research Center*. University of Alaska Fairbanks, Fairbanks, AK.

- Tang, Y.**, Michel FM, Parise JB, Reeder R.J. (2008) Structure investigation of Cr(III)-Fe(III)-oxyhydroxides. *American Chemical Society 235th National Meeting*. New Orleans, LA.
- Tang, Y.**, Reeder R.J. (2008) Enhanced uranium sorption on alumina through surface modification. *National Synchrotron Light Source Lunch Seminar*. Brookhaven National Laboratory, Upton, NY.
- Tang, Y.**, Michel FM, Reeder R.J. (2007) Structure investigation of Cr(III)-Fe(III)-oxyhydroxide “solid solutions”. *Collaborative Research in Chemistry (CRC) meeting*. SUNY-Stony Brook, Stony Brook, NY
- Tang, Y.**, Reeder R.J. (2007) Enhance uranium sorption on alumina through surface medication. *Goldschmidt 2007 Conference*. Cologne, Germany.
- Tang, Y.** (2007) Total carbonate analysis for water samples; DCP as an analytical tool for environmental sciences. *Center for Environmental Molecular Science 2007 GeoPrep Teachers Workshop: Investigations in Environmental Forensics - Science, Tools and Techniques*. SUNY-Stony Brook, Stony Brook, NY
- Tang, Y.**, Reeder R.J. (2007) Enhanced Uranium Sorption on Alumina through Surface Modification. *2007 Joint NSLS and CFN Users' Meeting*. Brookhaven National Laboratory, Upton, NY.
- Baud, P., **Tembe, S.**, T.-f. Wong. (2007) Discrete compaction bands in porous sandstone: Stress scaling and energetics of propagation. *American Geophysical Union, Fall Meeting*. San Francisco, CA.
- Solum, J.G., Hickman, S., Lockner, D.A., **S. Tembe, S.**, and 13 others. (2007) San Andreas fault zone mineralogy, geochemistry, and physical properties from SAFOD cuttings and core. *IODP/ICDP Workshop on Fault Zone Drilling*. Miyazaki, Japan.
- Wang, Y.**, L. Wen, D. Weidner and Y. He (2007) Jointly constraining upper mantle seismic, thermal and compositional structures from mineral physics and seismic data. *AGU fall meeting*. San Francisco, CA.
- Wang, Y.**, L. Wen, D. Weidner and Y. He (2007) Velocity and anisotropy structures and thermal and compositional models beneath Eastern Asia and North America. *AGU fall meeting*. San Francisco, CA.
- Wang, Y.**, L. Wen, D. Weidner and Y. He (2007) Velocity and anisotropy structures and thermal and compositional models beneath Eastern Asia. *Gordon Conference, Interior of the Earth*. South Hadley, MA.
- Wang, Y.**, L. Wen, D. Weidner and Y. He (2007) Velocity and anisotropy structures and thermal and compositional models beneath Eastern Asia *COMPRES Annual Meeting*. Lake Morey, VT.
- Whitaker, M.L.**, Liu, W., Liu, Q., Wang, L., Li, B. (2007) Combined *in situ* synchrotron X-ray diffraction and ultrasonic interferometry study of α -FeSi at high pressure and temperature. *International Workshop on Synchrotron High-Pressure Mineral Physics and Materials Science*. Advanced Photon Source, Argonne National Laboratory, Argonne, IL. (extended abstract & poster)
- Liu, W., **Whitaker, M.L.**, Wang, L., Li, B. (2007) Sound velocities of iron sulfide at high pressure and high temperature. *Eos Trans. AGU*, 88(52), Fall Meet. Suppl., Abstract MR31B-0374. *AGU Fall Meeting*. San Francisco, CA. (poster & abstract)
- Li, B., Liu, W., Liu, Q., **Whitaker, M.L.**, Zhang, J., Zhao, Y., Isaak, D. (2008) Thermoelasticity of SSP Materials: An Integrated Acoustic and Diffraction Study at High P and High T. *Stewardship Science Academic Alliances 2008 Program Symposium*. Carnegie Institute. Washington D.C.
- Liu, Q., Isaak, D., Liu, W., **Whitaker, M.L.**, Wang, L., Zhao, Y., Li, B. (2008) Thermoelasticity of tantalum: An integrated acoustic and diffraction study at high pressure and high temperature. *Stewardship Science Academic Alliances 2008 Program Symposium*. Carnegie Institute, Washington, D.C. (poster)

- Whitaker, M.L.**, Liu, Q., Liu, W., Wang, L., and Li, B. (2008) High Pressure Synchrotron and Ultrasonic Interferometry Study of α -FeSi. Future Directions In High Pressure. *Research Workshop, NSLS/CFN 2008 User Meeting*. National Synchrotron Light Source, Brookhaven National Laboratory, Upton, NY. (abstract & poster)
- Xu, W.**, Tosca, N. J., McLennan, S. M., Parise, J. B. (2008) Relative Humidity-induced Production of Ferricopiapite and Rhomboclase from Ferric Sulfate Anhydrate: X-Ray Diffraction Studies Under Controlled Conditions. *39th Lunar and Planetary Science Conference*. Houston, TX.
- Chen, J., Liu H., **Yu, T.**, Hu, J. (2007) Water at the bottom of upper mantle: A key to reconcile mineral physics composition model with seismic wave velocity jump at 410-km discontinuity. *American Geophysical Union 2007 Fall Meeting*. San Francisco, CA.
- Chen, J., Yang Y., **Yu, T.**, Zhang J., Zhao Y. (2007) Synthesis and strength measurement of superhard B₆O at high pressure and temperature. *International Workshop on Synchrotron High-Pressure Mineral Physics and Materials Science*. Argonne, IL.
- Chen, J., **Yu, T.**, Ehm L., Guo Q., Luo S. (2007) Study of clusters in liquid gallium using x-ray diffuse scattering. *SMEC 200 Meeting*. Miami, FL.
- Yu, T.**, L. Ehm, J. Chen, Q. Guo, S. Luo, J. Parise. (2007) High pressure and high temperature pair distribution function study of liquid gallium: clusters in liquid. *COMPRES 6th Annual Meeting, Fairlee, VT. NSLS/CFN Users' Meeting*. Upton, NY.
- Zhou, Lisha**, Hanson, G.N., Bokuniewicz, H.J. (2007) NEXRAD (Next Generation Radar Network) Precipitation. *Long Island Groundwater Meeting*. Suffolk County Water Authority, Oakdale, NY.
- Zhou, Lisha**, Hanson, G. (2008) Annual precipitation pattern over Long Island based on radar data. *The 15th Conference on Geology of Long Island and Metropolitan New York*. Stony Brook University, Stony Brook, NY.

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

- Beavon, Lauren J.** (2007) Student Collaborator. Mars Exploration Rover Mission, *NASA – Jet Propulsion Laboratory*, Pasadena, CA.
- Ghosh, Attreyee.** (2008) Postdoctoral Associate. Department of Earth Sciences, *University of Southern California*, Los Angeles, CA.
- Hahn, Brian C.** (2007, 2008) Student Collaborator. Mars Exploration Rover Mission, *NASA – Jet Propulsion Laboratory*, Pasadena, CA.
- Tang, Y.** (2007) Acting Beamline Staff. Beamline X27A, *National Synchrotron Light Source, Brookhaven National Laboratory*, Upton, NY.
- Tembe, Sheryl.** (2006) Visiting Research Scholar. Department of Geosciences, *Stony Brook University*, Stony Brook, NY

❖ **Internship Appointments**

- Frodsham, Aaron.** (2008) Reservoir Development Research Assistant. *Schlumberger-Doll Research*, Cambridge, MA.

HISPANIC LANGUAGES, LITERATURES, AND CULTURES

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

❖ Grants, Fellowships, and Awards

- Barreto, Danny.** (2007) Research grant from Program for Cultural Cooperation Between Spain's Ministry of Culture and U.S. Universities, \$900. *Granting Institution*, University of Minnesota, Minneapolis, MN.
- Culver, Melissa.** (2008) Tinker Fellowship, \$1500. *LACS*, SUNY Stony Brook, Stony Brook, NY.
- Martínez-González, Julia.** (2007) President's Award for Excellence in Teaching by a Graduate Student, \$500. SUNY at Stony Brook, Stony Brook, NY.
- Montoya, Óscar.** (2008) Nomination for a Dean's Award for Distinguished Teaching by Affiliated Faculty. *University of Pennsylvania*, Philadelphia, PA.
- Shepherd, Neica Michelle.** (2008). Admission to School of Criticism and Theory at Cornell University. Cornell University, Ithaca, NY.
- Soler, M. Cristina** (2008) Tinker Research Grant , \$1000. *LACS*, SUNY Stony Brook, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Corniel, Zaida.** (in press) Entrevista a Luis Rafael Sánchez. *Caudal*.
- Martínez-González, Julia.** (2007) La Madre del Pícaro: la gran desconocida. *Hiperferia* 9.
- Martínez-González, Julia.** (2007) The Power of Songs: Why and How does Music improve Language Learning. In Carlos Periñán Pascual (Ed.), *Revisiting Language Learning Resources* (323-347). Cambridge: Cambridge Scholars Press.
- Pueyo Zoco, Víctor.** (in press) Bajtín vs. Foucault. Arqueología de un debate silenciado en *Mito y archivo*, de Roberto González Echevarría. *Riff-Raff. Revista de cultura y pensamiento*.
- Rubio, Vicente.** (2007) Pastoral, una novela posrealista. *Riff-Raff* 35: 17-23.
- Salinas, Alex.** (2007) La Escritura Señorial: Sangre y Memoria en los Andes *HyperFeira* 9.

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

- Allbritton, Dean.** (2008) A Killer Bod: *Dexter* and the Fetishized Psychopath. *Popular Culture Association 2008 National Conference*. San Francisco, CA.
- Allbritton, Dean.** (2008) Esta rebelión es sexual: *La muñeca menor* de Rosario Ferré. Stony Brook University, Stony Brook, NY. (invited lecture)
- Allbritton, Dean.** (2008) Testosterone & Tea Parties: Queer Subversion in *Fight Club*. Stony Brook University, Stony Brook, NY. (invited lecture)
- Allbritton, Dean.** (2008) Co-organizer. Artificial Reproduction Technologies: Copied Lives, Bodies, and Discourse. *1st Annual Women's Studies Graduate Student Conference*. Stony Brook University, Manhattan, NY.

- Barreto, Danny.** (2008) Sexual, Linguistic, and Regional Promiscuity in *A cruz de salgueiro* by Xésus Rodríguez López. *Saíndo da Nación: Máis aló do nacional na produción cultural galega contemporánea*. University of Liverpool/University of Wales, United Kingdom.
- Barreto, Danny.** (2007) Echoes of Emigration and Enclosure in 19C. Galician Literature. *Annual Convention of the Modern Language Association*. Chicago, IL.
- Barreto, Danny.** (2007) Vai de vivo, vai de morto: Galicians in a State of Living Death in Literature and Film. *Canon and Performance: The Accepted, the Rejected, and their Role on the Cultural Stage. La Jornada Literaria*. Rutgers University, Newark, NJ.
- Fernandez, Alvaro.** (2007) El discreto encanto del canon. Procedimientos de auto consagración en *El jinete polaco*. *XV Annual Graduate Student Conference of The Department of Spanish and Portuguese at Rutgers University*. New Brunswick, NJ.
- Fernández González, Ana B.** (2008) Cervantes y El Quijote: La comida como descriptora y diferenciadora de clases sociales. *5th Interdisciplinary and Multicultural Conference on Food Representation in Literature, Film and the Other Arts*. University of Texas at San Antonio, San Antonio, TX.
- Fredrick, Sharonah.** (2007) Crypto-Jews in the Colonial Caribbean, Late 17th century. *Limmud Conference on Jewish History & Literature*. University of Warwick, Coventry, UK. (poster & presentation)
- Galofaro, Manuel.** (2008) Un ejemplo de humor bufonesco: *La vida y hechos de Estebanillo González*. *At Whom Are We Laughing?* Hofstra University, Hempstead, NY.
- León-Blázquez, Lidia** (2008) Una falla en el tejido: escritura y espacio urbano en la vanguardia femenina peninsular. *Traversing Geographies: New Poetics of Space*. Department of Romance Languages, University of Pennsylvania, Philadelphia, PA.
- León-Blázquez, Lidia** (2008) The curse of Ariachne: textile and the pursuit of Tex in Rosa Chacel, María Teresa León, Mercè Rodoreda and Remedios Varo. *Department of Foreign Languages*. Purdue University Calumet, Hammond, IN. (invited lecture)
- León-Blázquez, Lidia** (2008) Spiderwebs: Female Narratives of Peninsular Avant-Garde. *Department of Romance and Classical Languages*. Ripon College, Ripon, WI. (invited lecture)
- Montoya, Óscar.** (2008) 2666 de Roberto Bolaño: geografías de la excepción. *Traversing Geographies: New Poetics of Space*. Department of Romance Languages, University of Pennsylvania, Philadelphia, PA.
- Núñez-Bargueño, Natalia.** (2008) Whose vanguardist city? The Barcelona urban model from the periphery. *Contemporary Barcelona: visual cultures, space and power*. Institute of Germanic and Romance Studies, University of London, London, UK.
- Núñez-Bargueño, Natalia.** (2008) Fantastic Realism: Guillermo del Toro's cinematic challenges to the representation of the Spanish Civil War. *The Spanish Civil War: History, Memory, Representation*. The Welsh Centre for International Affairs, Temple of Peace, Cardiff, Wales.
- Pueyo Zoco, Víctor** (2008) Member of the Organizing Committee. *After Theory: Hispanism at the Crossroads*. State University of New York at Stony Brook, Stony Brook, NY.
- Pueyo Zoco, Víctor** (2008) Bajtín vs. Foucault. Arqueología de un debate silenciado en *Mito y archivo*. *After Theory: Hispanism at the Crossroads*. State University of New York at Stony Brook, Stony Brook, NY.
- Pueyo Zoco, Víctor** (2008) El lenguaje barroco y los lábiles contornos de la textualidad neocolonial: Góngora y Espinosa Medrano en el escenario del trasatlanticismo. *The 14th Annual Carolina Conference of Romance Literatures*. University of North Carolina at Chapel Hill, Chapel Hill, NC.

Rubio, Vicente. (2008) Notas en torno a la “crisis del hispanismo”: conclusiones y aperturas. *After Theory: Hispanism at the Crossroads. Graduate Student Conference.* State University of New York at Stony Brook, Stony Brook, NY.

Salinas, Alex. (2008) Estética e identidad para un nuevo milenio: Rio Fugitivo, la perversa inflación; *(Re)Defining Identities in Moments of Transition. 11th anual Ohio State University Symposium on Hispani and luso-Brazilian Literatures, Cultures, and Linguistics.* Columbus, OH.

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

Fernandez, Alvaro. (2006-2007) Lecturer. Spanish School, *Middlebury College*, Middlebury, VT.

Galofaro, Manuel. (2008) Spanish Language Coordinator. Romance Languages and Literatures, *Hofstra University*, Hempstead, NY.

León-Blázquez, Lidia (2007-8) Lecturer. Department of Romance Languages, *University of Pennsylvania*, Philadelphia, PA.

Montoya, Óscar. (2008) Cultural Lecturer. Department of Romance Languages, *University of Pennsylvania*, Philadelphia, PA.

HISTORY

GRADUATE DIRECTOR: BROOKE LARSON
DEPARTMENT CHAIR: NANCY TOMES

❖ Grants, Fellowships, and Awards

- Harambour - Ross, Alberto.** (2007) Travel Grant. XXVII International Congress, *Latin American Studies Association (LASA)*, Montreal, Canada.
- Hoglund, Sarah.** (2007) Research Support, \$1500. *Henry Moore Institute*, Leeds, UK.
- Jackson, Jr. E. Gregory** (2008-2009) J. William Fulbright Foreign Scholarship, full year living stipend, travel, books and health insurance. *Institute for International Education*, State Department, Washington D.C.
- Larkin, Kraig.** (2007) DAAD Research Grant, €6,000. *German Academic Exchange Service*, Bonn, Germany.
- Martone, Eric.** (2008) Summer Workshops, \$1000. *National Endowment for the Humanities*, Washington, D.C.
- Offenbach, Seth** (2008) Samuel Flagg Bemis Research Grant, \$1000. *Society for Historians of American Foreign Relations*, Columbus, OH.
- Offenbach, Seth** (2008) Grants-In-Aid Research Grant, \$1,250. *Lyndon Baines Johnson Library and Museum*, Austin, TX.
- Offenbach, Seth** (2007) Hayek Funds for Scholars, \$300. *Institute for Humane Studies*, Arlington, VA.
- Scalena, Matthew.** (2008) James R. Scobie Memorial Award, \$1,500. *The Conference on Latin American History*, University of North Carolina at Charlotte, Charlotte, NC.

❖ Singly Authored Publications/Research Reports/Reviews

- Babic, Annessa.** (2008) Buying and Selling a Piece of the American Pie: The Uses and Spaces of Patriotic Products. In A. Babic and T Tunç (Eds.), *The Globetrotting Shopaholic: Spaces, Uses, and Acts of Consumption*. Cambridge: Cambridge Scholars Press.
- Harambour – Ross, Alberto.** (2008) Migrant Labor: Latin America, Liberation Movements, “Revolutions”, Che Guevara –as Icon. In Stearns, Peter (Ed.), *Encyclopedia of the Modern World*. New York: Oxford University Press.
- Martone, Eric.** (2007) *Gens de Couleur* in Saint Domingue and France during the French Revolution. *The Maryland Historian* 31 (2): 11-29.
- Martone, Eric.** (2007) Charles Philippe de Bourbon, Comte d’Artois. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Louis Antoine de Bourbon Condé, Duc d’Enghien. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Joseph Fouché. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Alexandre Theodor Victor, Comte de Lameth. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.

- Martone, Eric.** (2007) Henri, Comte de La Rochejaquelein. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Philippe-Antoine, Comte Merlin. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Louis Philippe Joseph, Duc d'Orléans. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Parthenopean Republic. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Ultras. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Vendéan Rebellion. In G. Fremont-Barnes (Ed.), *Encyclopedia of the Age of Political Revolutions and New Ideologies, 1760-1815*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Carlist Wars (1833-1840, 1847-1849, 1872-1876). In C. Hodge (Ed.), *Encyclopedia of the Age of Imperialism, 1800-1914*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Anglo-French Entente Cordiale (1904). In C. Hodge (Ed.), *Encyclopedia of the Age of Imperialism, 1800-1914*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) French Restoration. In C. Hodge (Ed.), *Encyclopedia of the Age of Imperialism, 1800-1914*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Guiseppe Garibaldi. In C. Hodge (Ed.), *Encyclopedia of the Age of Imperialism, 1800-1914*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Alphonse de Lamartine. In C. Hodge (Ed.), *Encyclopedia of the Age of Imperialism, 1800-1914*. Westport, CT: Greenwood Press.
- Martone, Eric.** (2007) Saar. In C. Hodge (Ed.), *Encyclopedia of the Age of Imperialism, 1800-1914*. Westport, CT: Greenwood Press.
- Murphy, Michael J.** (2008) General G. Baker, Jr. In H. L. Gates and E. B. Higginbotham (Eds.), *The African American National Biography*. Cambridge: Harvard University Press.
- Murphy, Michael J.** (2007) Exporting the Market Empire: Free Labor and Development in the 1960s. *North American Labor History Conference*. Detroit, Michigan.
- Shaffer, Ryan.** (2007) The Industrial Revolution in Dragon Springs, China: Economic Development from 1978. *Welebaethan: Journal of History*: 97-116.

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

- Babic, Annessa** and Tanfer Emin Tunç. (2008) *The Globetrotting Shopaholic: Spaces, Uses, and Acts of Consumption* (Eds.). Cambridge Scholars Press.
- Harambour – Ross, Alberto** and Lira, Robinson. (2007) *Manual Esencial. Historia de Chile* (Eds.). Santiago: Santillana.
- Boholavsky, Ernesto and **Harambour, Alberto.** (2007) El miedo rojo más austral del mundo. Discursos y actuaciones de la clase dominante local y los Estados frente a los trabajadores en la Patagonia argentino-chilena (1917-1922). In Masés, E. and Galluci, L. (Eds.), *Historia de los Trabajadores en la Patagonia*. UNC: Neuquén.
- Fontes, Paulo and **Gregory E. Jackson, Jr.** (2008-2009) Soccer in Brazil and Confederação Brasileira de Futebol CBF. In *Brazil Today: An Encyclopedia of the Life of the Republic*. Westport: Ct. Greenwood Publishers,.

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

- Babic, Annessa.** (2008) You Can Die if You Don't Pay Attention to the News: Teaching Writing in an Age of Apathy. *Annual Conference of the SUNY Council on Writing*. Stony Brook University, Stony Brook, NY.
- Babic, Annessa.** (2008) Panel Chair. Rhetoric of Change: Writing, Image, Nation, and Politics Voices. *Conference on College Composition and Communication Annual Conference*. New Orleans, LA.
- Babic, Annessa.** (2008) All American Girls: Language and Images of Political Activism During World War I. *Conference on College Composition and Communication Annual Conference*. New Orleans, LA.
- Babic, Annessa.** (2008) Undoing Glory: Constructions of Gender and Patriotism in Twentieth Century US Society, 1917-1972. *Popular Culture Association/American Culture Association Annual Meeting*. San Francisco, CA.
- Babic, Annessa.** (2007) Buying and Selling a Piece of the American Pie: The Uses and Spaces of Patriotic Products. *American Studies Association of Turkey Annual Conference*. Ankara, Turkey.
- Babic, Annessa.** (2007) Doing What They Had to Do: Working Women in the Early Years of the Great Depression, 1930-1932. *How Class Works Conference : Working Class Studies Association Annual Meeting*. Saint Paul, MN.
- Babic, Annessa.** (2007) Revision in an Age of Assessment. *Annual Conference of the SUNY Council on Writing*. University of Albany, Albany, NY.
- Harambour – Ross, Alberto.** (2007) Silva Renard, 'Ejemplo Digno de Ser Imitado': Razón de Estado y Memoria a 100 años de 1907. II Encuentro de Historiadores, *A 10 Años de la Masacre de la Escuela Santa María de Iquique*. Universidad Arturo Prat, Iquique, Chile.
- Harambour – Ross, Alberto.** (2007) ¿Los que [No?] Van a Morir te Saludan?: Historia y Memoria a 100 y 20 Años. *Mesa Redonda Santa María de Iquique: 100 años*. P. Universidad Católica de Chile, Santiago, Chile.
- Harambour – Ross, Alberto.** (2007) The Locality of the National Races: the Racial Gaze of Metropolitan Travelers at the Southernmost Borderland. Patagonia (Argentina and Chile), 1867-1930's. *XXVII International Congress, Latin American Studies Association*. Montreal, Canada.
- Harambour – Ross, Alberto.** (2007) Abject Races, Primitive Accumulation and Nation-States Building in Southern Patagonia. Argentina and Chile, 1845-1900. *History Department Colloquium Series*. SUNY at Stony Brook, Stony Brook, NY.
- Harambour – Ross, Alberto.** (2007) Commentator in Panel. Border Conflicts: Ethnic and National. *VI Graduate Conference*. Latin American and Caribbean Studies Center, Stony Brook Manhattan, New York, NY.
- Harambour – Ross, Alberto.** (2006) Metropolitan Racializations: Argentinean and Chilean Travelers to Patagonia, 1870's-1930's. *V Graduate Students Conference, Looking from the South/Miradas desde el Sur*. Latin American and Caribbean Studies Center, SUNY at Stony Brook, Stony Brook, NY.
- Jackson, Jr. E. Gregory** (2008) Campo de Fútbol: Foundations for Racial Democracy, 1890-1950. *How Class Works*. Stony Brook University, Stony Brook, NY.
- Larkin, Kraig.** (2007) A Few Cigarettes Will Do Wonders: Cigarettes, Consumption and Memory in Post-1945 Western Germany. *Thirteenth Transatlantic Doctoral Seminar in Germany History: German History, 1945-1990*. German Historical Institution and BMW Center for German and European Studies, Georgetown University, Washington D.C.
- Offenbach, Seth** (2008) M.A.D. About You: Détente, Vietnam, and the Transformation of American Conservatism. *Journal of Policy History Conference*. St. Louis, MO.

Offenbach, Seth (2008) Right Recollection of Vietnam: How Conservatives Remember Vietnam. *Oral History Association Conference*. Pittsburgh, PA.

Scalena, Matthew. (2008) Global Trends and a Changing National Imaginary: a Reevaluation of the Attack on Early Underground. *At the Crossroads of Empire: Canadian Association of Latin American and Caribbean Studies Conference*. Vancouver, British Columbia.

Scalena, Matthew. (2008) Everywhere is their own style...Puerto Rico got their own Style!': an Exploration of Early *Reggaetón* Music as a Site of Transnational Currents. *Latin American and Caribbean Studies Center Annual Interdisciplinary Graduate Conference*. Manhattan, NY.

Shaffer, Ryan. (2007) The British National Front's Appeal for Rightwing Unionist Support. *Rocky Mountain Interdisciplinary History Conference*. University of Colorado at Boulder, Boulder, CO.

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

Offenbach, Seth (2008-2009) Teaching News Fellowship. School of Journalism, *State University of New York – Stony Brook*, Stony Brook, NY.

❖ **Other**

Jackson, Jr. E. Gregory, Chair - Organizing Committee. *7th Annual Stony Brook Graduate Student Conference*. Stony Brook Manhattan, New York, NY.

LINGUISTICS

GRADUATE DIRECTOR: ALICE C. HARRIS
DEPARTMENT CHAIR: DANIEL FINER

❖ Grants, Fellowships, and Awards

- An, Young-ran.** (2007) Workshop on Variation, Gradience, and Frequency in Phonology, \$580.79. *National Science Foundation*, Stanford, CA.
- Antonyuk -Yudina, S.** (2007) LSA Institute Scholarship, \$2000. *The Linguistic Society of America*, Washington, DC.
- Hyun-ju Kim.** (2008) IASCL 2008 Conference Award, £250. *International Association for the Study of Child Language*, Edinburgh, UK.
- Mykhaylyk, Roksolana.** (2007) Sigma Xi Travel Award, \$200. *Stony Brook University Chapter of Sigma Xi*, Stony Brook, NY.
- Suh, Yunju.** (2007) International Congress on Phonetic Science Grant, €290. *University of Saarland*, Saarbrücken, Germany.

❖ Singly Authored Publications/Research Reports/Reviews

- An, Young-ran.** (in press) The Gradient OCP: Evidence from Korean Reduplication. *ASJU-International Journal of Basque Linguistics and Philosophy*
- An, Young-ran.** (2007) Identity Avoidance in Korean Reduplication. *Linguistics in the Big Apple, CUNY/NYU Working Papers in Linguistics; Special Issue - The Proceedings of the 8th SUNY/CUNY/NYU Mini-conference*. Online
<http://web.gc.cuny.edu/linguistics/liba/papers/An2006.pdf>
- An, Young-ran.** (2007) Korean *tul* and English *all*. *LSO Working Papers in Linguistics 7: Proceedings of WIGL 2007*: 1-16. <http://ling.wisc.edu/lso/wpl/7/index.html>
- Antonenko, Andrei.** (2007) The Indicative/Subjunctive Distinction and Scrambling in Russian. *Linguistics in the Big Apple, CUNY/NYU Working Papers in Linguistics; Special Issue - The Proceedings of the 8th SUNY/CUNY/NYU Mini-conference*. Online
<http://web.gc.cuny.edu/linguistics/liba/papers/Antonenko2006.pdf>
- Antonyuk -Yudina, S.** (2007) The Scope of Quantifier Phrases in Russian: A QR Analysis. *Linguistics in the Big Apple, CUNY/NYU Working Papers in Linguistics; Special Issue - The Proceedings of the 8th SUNY/CUNY/NYU Mini-conference*. Online
<http://web.gc.cuny.edu/linguistics/liba/papers/Antonyuk2006.pdf>
- Antonyuk-Yudina, S.** (in press) Russian Loanword Phonology: A Phonetic Account. *Publication of the Proceedings of 5th Graduate Colloquium on Slavic Linguistics*.
- Antonyuk-Yudina, S.** (in press) Long-Distance Scrambling, VP-Ellipsis and Scope Economy in Russian. *Penn Working Papers in Linguistics. Proceedings of the 32nd Penn Linguistics Colloquium*
- Mykhaylyk, Roksolana.** (2007) Order of Constituents in the Ukrainian Synthetic Imperfective Future. *Linguistics in the Big Apple, CUNY/NYU Working Papers in Linguistics; Special Issue - The Proceedings of the 8th SUNY/CUNY/NYU Mini-conference*. Online
<http://web.gc.cuny.edu/dept/lingu/liba/papers/Mykhaylyk2006.pdf>.

Mykhaylyk, Roksolana. (2008) *Zasvojenja Ukrajin'skoji Movy Dvomovnymy Dit'my: Psyholingvistychnyj Aspekt.* (Ukrainian Acquisition by Bilingual Children: Psycholinguistic Aspect). Svoboda, New York.

Suh, Yunju. (2007) Korean Suffix Allomorphy in Optimality Theory. *Linguistics in the Big Apple, CUNY/NYU Working Papers in Linguistics; Special Issue - The Proceedings of the 8th SUNY/CUNY/NYU Mini-conference.* Online <http://web.gc.cuny.edu/linguistics/liba/papers/Suh2006.pdf>

Suh, Yunju. (2007) Consonant-labiovelar glide combinations in Spanish and Korean. *Proceedings of the 16th International Congress in Phonetic Science.* Online <http://www.icphs2007.de/>

❖ Jointly Authored Publications/Research Reports/Reviews

Mykhaylyk, Roksolana and Ko, H. (2008) Acquisition of Object Scrambling by Bilingual Ukrainian Children: The Role of Specificity. In R. Slabakova, J. Rothman, P. Kempchinsky, and E. Gavrusseva, (Eds), *Proceedings of the 9th Generative Approaches to Second Language Acquisition Conference* (GASLA 2007) (pp.140-154). Somerville, MA: Cascadilla Press.

Mykhaylyk, Roksolana and Ko, H. (in press) Object Scrambling and Specificity in Bilingual English-Ukrainian Acquisition. In A. Antonenko, J. Bailyn, and C. Bethin, (Eds), *Annual Workshop on Formal Approaches to Slavic Linguistics: the Stony Brook Meeting, 2007.* Ann Arbor: Michigan Slavic Press.

Weisenberg, Julia & Garcia, E. (2007) From Telephone to Dialtone: A Look at Video-relay Interpreting. *Registry of Interpreters for the Deaf Views, June:* 10-39.

❖ Conferences/Colloquiums, Presentations, Symposiums, Workshops

An, Young-ran. (2008) Identity Avoidance and the OCP in Korean Reduplication. *The 2008 Meeting of the Linguistic Society of America.* Hilton Chicago, Chicago, IL.

An, Young-ran. (2007) Identity Avoidance in Korean Reduplication. *Workshop on Variation, Gradience, and Frequency in Phonology.* Stanford University, Stanford, CA.

An, Young-ran. (2007) Stochastic Phonology: Evidence from Korean Reduplication. *The 15th Manchester Phonology Meeting (15mfm).* University of Manchester, Manchester, England.

An, Young-ran. (2007) Korean *tul* and English *all*. *The 4th Workshop on Altaic in Formal Linguistics (WAFL-4).* Harvard University, Cambridge, MA.

Antonenko, Andrei. (2007) Subjunctive Clauses in Russian and their properties: obviation, long-distance scrambling. *5th Ohio Graduate Slavic Linguistics Colloquium.* Ohio State University, Columbus, OH.

Antonenko, Andrei. (2007) Indicative/Subjunctive Distinction and its consequences for Long-Distance Scrambling. *2nd Congress of the Slavic Linguistic Society.* Centre for General Linguistics, Typology and Universals Research (ZAS), Berlin, Germany.

Antonyuk -Yudina, S. (2007) Russian Loanword Phonology: A Phonetic Account. *2nd Congress of the Slavic Linguistic Society.* Centre for General Linguistics, Typology and Universals Research (ZAS), Berlin, Germany; *The 5th Graduate Colloquium on Slavic Linguistics,* The Ohio State University, Columbus, OH.

Antonyuk-Yudina, S. and Bailyn, J.F. (2007) A Binding-Theory Approach to Backward Prenominalization in Russian. *American Association of Teachers of Slavic and East European Languages (AATSEEL).* Hilton Chicago, Chicago, IL.

- Antonyuk-Yudina, S.** (2008) Long-Distance Scrambling, VP-Ellipsis and Scope Economy in Russian. *32nd Annual Linguistics Colloquium*. University of Pennsylvania, Philadelphia, PA
- Antonyuk-Yudina, S.** and Bailyn, J.F. (2008) Backwards Pronominalization in Russian: A Syntactic Account. *FASL17: The 17th Annual Workshop on Formal Approaches to Slavic Linguistics*. Yale University, New Haven, CT.
- Antonyuk-Yudina, S.** (2008) To The Discussion of Quantifier Scope in Russian. *FASL17: The 17th Annual Workshop on Formal Approaches to Slavic Linguistics*. Yale University, New Haven, CT.
- Hwang, Jiwon,** Brennan, S. E. and Huffman, M.K. (2007) How Non-Native Speakers Make Phonetic Adjustments to Partners in Dialogue. *The 48th Annual Meeting of the Psychonomic Society*. Hyatt Regency Hotel, Long Beach, CA.
- Hwang, Jiwon,** Broselow, E., de Leon, S., Squires, N., and Sandiford, C. (2007) Asymmetries in Perception and Production. *The Conference on Experimental Approaches to Optimality Theory*. University of Michigan, Ann Arbor, MI.
- Kang, Hijo.** (2007) Korean Vowel Harmony and Non-finality. *Linguistics Colloquium Series*. Seoul National University, Seoul, Korea.
- Kang, Hijo.** (2007) The Historical Change and Motivation of Korean Vowel Harmony. *The 9th Annual CUNY/SUNY/NYU Mini-Conference on Linguistics*. New York University, New York, NY.
- Kang, Hijo.** (2008) Korean vowel harmony and grammatical change. *The 2008 Meeting of the Linguistic Society of America*. Hilton Chicago, Chicago, IL.
- Kang, Hijo.** (2008) How does phonological grammar work in lexical diffusion? *The 16th Manchester Phonology Meeting*. The University of Manchester Hulme Hall, Manchester, UK.
- Kim, Miran** and Nam, H. (2008) Synchronous Speech and Speech Rate. *Acoustics '08 Paris*. Palais des Congrès, Paris, France.
- Kim, Hyun-ju.** (2007) Acquisition of Scope Interaction of Quantifiers and Negation in Korean-English Bilingual Children. *The 9th Annual CUNY/SUNY/NYU Mini-Conference on Linguistics*. New York University, New York, NY.
- Kim, Hyun-ju.** (2008) Acquisition of Universal Quantifier-negation interaction in bilingual children, *The 2008 Meeting of the Linguistic Society of America*. Hilton Chicago, Chicago, IL.; *XI International Congress for the Study of Child Language (IASCL)*. University of Edinburgh, Edinburgh, Scotland.
- Kim, Hyun-ju.** (2008) Transfer in Bilingual Acquisition of the Scope of Negation. *The 16th Meeting of the International Circle of Korean Linguistics (ICKL)*. Cornell University, Ithaca, NY.
- Lu, Yu-an.** (2007) Adaptation of English Interdental Fricatives by Speakers of Taiwan Mandarin. *The 9th Annual CUNY/SUNY/NYU Mini-Conference on Linguistics*. New York University, New York, NY.
- Mykhaylyk, Roksolana.** (2008) Diachronic Universals and the Future Marker Position in Ukrainian. *The 13th International Morphology Meeting: Workshop on Affix Ordering in Typologically Different Languages*. Centre of Translation Studies, Vienna, Austria.
- Mykhaylyk, Roksolana.** (2008) Monolingual and Bilingual Acquisition of Ukrainian Scrambling Compared. *The 2008 Meeting of the Linguistic Society of America*. Hilton Chicago, Chicago, IL.
- Suh, Yunju.** (2007) Place asymmetries in Cw combinations. *The 16th International Congress of Phonetic Science*. University of Saarland, Saarbrücken, Germany.
- Weisenberg, Julia.** (2007) From Telephone to Dial-tone. *Adaptive Spoken Dialog Project Mini-conference*. Department of Psychology, Stony Brook University, Stony Brook, NY.

Weisenberg, Julia. (2007) Audience Design Effects in Interpretation. *International Society for Gesture Studies Conference 2007: Integrating Gestures*. Northwestern University, Evanston, IL.

MARINE AND ATMOSPHERIC SCIENCES

GRADUATE DIRECTOR: ANNE MCELROY

❖ Grants, Fellowships and Awards

- Duffy, Tara.** (2007) Sigma Xi Grant-in-Aid-of-Research, \$400. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, NC.
- Dutton, Jessica.** (2008) 3MT IGERT Traineeship, \$30,000. *National Science Foundation*, Damariscotta, ME.
- Dutton, Jessica.** (2008) Sigma Xi Excellence in Research Award. *Sigma Xi*, Stony Brook Chapter, Stony Brook, NY.
- Dutton, Jessica.** (2007) SETAC Travel Award, \$400. *SETAC*, Pensacola, FL.
- Ellefson, Anne Cooper.** (2007) Environmental Protection Agency Science to Achieve Results Fellowship, \$110,000 over 3 years. *Environmental Protection Agency*, Washington, DC.
- Ellefson, Anne Cooper.** (2007) Tibor T. Polgar Summer Fellowship, \$3,800. *Hudson River Foundation and New York State Department of Environmental Conservation*, New York, NY and Albany, NY, respectively.
- Ellefson, Anne Cooper.** (2007) Evan R. Liblit Memorial Scholarship, \$3,000. *School of Marine and Atmospheric Sciences*, Stony Brook, New York.
- Li, Xiaolin.** (2007) SETAC Student Travel Award, \$300. *Society of Environmental Toxicology and Chemistry*, Milwaukee, WI.
- Protopopescu, Nuria.** (2008) President's Award for Excellence in Teaching, \$500. *Stony Brook University Graduate School*, Stony Brook, NY.
- Protopopescu, Nuria.** (2007) NSF Student Scholarship, \$1,000. 11th Annual Green Chemistry and Engineering Conference. *Green Chemistry Institute, American Chemical Society*, Washington, D.C.

❖ Singly Authored Publications/Research Reports/Reviews

- Pan, Jerónimo.** (Feb 24, 2008) Cómo se vive en una base antártica. *Inset column*: La conquista del Polo Sur. Translation: Life in an Antarctic base. The conquest of the South Pole (*inset*). Source: Diario El Día, La Plata, Argentina.
- Pan, Jerónimo.** (Feb 17, 2008) Cómo se hace ciencia en la Antártica. *Inset column*: El año geofísico internacional y el Tratado Antártico. Translation: Doing science in Antarctica. The International Geophysical Year and the Antarctic Treaty (*inset*). Source: Diario El Día, La Plata, Argentina.
- Pan, Jerónimo.** (Feb 10, 2008) La vida a bordo de un rompehielos antártico. *Inset column*: Los primeros navegantes del Continente Blanco. Translation: Life onboard an Antarctic icebreaker. The first navigator of the White Continent (*inset*). Source: Diario El Día, La Plata, Argentina.

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

- Dahl, Soren.** and Allam B. (2007). Laboratory transmission studies of QPX disease in the northern quahog (=hard clam): Development of an infection procedure. *Journal of Shellfish Research* 26: 383-389.
- Ellefson, Anne Cooper,** and Brownawell, B. (2008) New tools for assessing the exposure of phthalate esters in the lower Hudson estuary. In W.C. Nieder & J.R. Waldman (Eds), *Final Report of the Tibor T. Polgar Fellowship Program (IV1-IV22)*. The Hudson River Foundation and the New York State Department of Environmental Conservation, New York.
- Gong, Jie.** Geller, M. and Wang, L. (in press) Source spectra information derived from US high-resolution radiosonde data. *Journal of Geophysical Research*.
- Guo, Yanjuan.** and Chang, E. (in press) Impacts of assimilation of satellite and rawinsonde observations on Southern Hemisphere baroclinic wave activity in the NCEP/NCAR reanalysis. *Journal of Climate*.
- Chang, E., and **Guo, Yanjuan.** (2007) Dynamics of the stationary anomalies associated with the interannual variability of the mid-winter Pacific storm track – the roles of tropical heating and remote eddy forcing. *Journal of the Atmospheric Sciences* 64: 2442-2461.
- Chang, E., and **Guo, Yanjuan.** (2007) Is the number of North Atlantic tropical cyclones significantly underestimated prior to the availability of satellite observations? *Geophysical Research Letters* 34: L14801.
- Lee, Younjoo.** Lwiza, K. (2008) Characteristics of bottom dissolved oxygen in Long Island Sound, New York. *Estuarine Coastal and Shelf Sciences* 76: 187-200.
- Lee, Younjoo.** Lwiza, K. (in press) Factors driving bottom salinity variability in the Chesapeake Bay. *Continental Shelf Research*.
- Li, Xiaona.** Taylor, G. Astor, Y. Scranton, M. (in press) Sulfur speciation in the Cariaco Basin with reference to chemoautotrophic production. *Marine Chemistry*.
- Przeslawski, R. Bourdeau, P. Doall, M. **Pan, Jerónimo.** Perino, Laurie. & Padilla, D. (in press) The effects of a harmful alga on bivalve larval lipid stores. *Harmful Algae*.
- Przeslawski, R. Bourdeau, P. Doall, M. Pan, Jerónimo. **Perino, Laurie.** & Padilla, D. (in press) The effects of a harmful alga on bivalve larval lipid stores. *Harmful Algae*.
- Wall, Charles.** Peterson, B. Gobler, C. (2008) Facilitation of seagrass *Zostera marina* productivity by suspension-feeding bivalves. *Marine Ecology Progress Series* 357: 165-174.
- Goutx M., S.G. Wakeham, C. Lee, M. Duflos, C. Guigue, Z. Liu, B. Moriceau, R. Sempere, M. Tedetti, and **Xue, Jianhong.** (2007) Composition and degradation of marine particles with different settling velocities in the Northwestern Mediterranean sea. *Limnology and Oceanography* 52(4): 1645-1664.

❖ **Conferences/Colloquiums, Presentations, Symposiums and Workshops**

- Coffey, Ruth.** Bokuniewicz, H. Basterretxea, G. and Tovar-Sanchez, A. (2007) Character of submarine groundwater discharge (SGD) at the coast of Mallorca Island. *American Geophysical Union Fall Meeting*. San Francisco, CA.
- Coffey, Ruth.** (2007) Submarine groundwater discharge as an environmental “currency” limiting population and development on small oceanic islands. *Estuarine Research Federation Fall Meeting*. Providence, RI.

- Dahl, Soren.** and Allam, B. (2008) QPX disease progress in cultured and wild type hard clams in New York Waters. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI.
- Duffy, Tara.** (2007) Response to environmental estrogens in *Menidia menidia*; population-level susceptibility is influenced by mechanism of sex determination. *Larval Fish Conference; Early Life Histories section of American Fisheries Society*. St. John's, Newfoundland, Canada.
- Dutton, Jessica.** and Fisher, N. (2007) Intraspecific differences in metal bioaccumulation in the Atlantic silverside (*Menidia menidia*): inferences regarding the effects of key biological processes. *SETAC North America 28th Annual Meeting*. Milwaukee, WI.
- Chen, C. Shaw, J. Fisher, N. and **Dutton, Jessica.** (2007) *Fundulus heteroclitus*: A model organism for metal exposure and biotransfer from sediments in intertidal habitats. *Estuarine Research Federation 2007 Conference*. Providence, RI.
- Ellefson, Anne Cooper.** and Brownawell, B. (2008) Environmental exposure of the common plasticizers phthalate esters. *New York State Solid Waste Convention*. Lake George, NY.
- Gong, Jie,** Geller, M. and Wang, L. (2008) Source spectra information derived from US high-resolution radiosonde data. *SPARC workshop on gravity wave momentum budget*. University of Toronto, Toronto, Canada.
- Gong, Jie.** and Geller, M. (2008) Indications of convective and spontaneous emission sources for gravity waves from US high-resolution radiosonde data. *SPARC workshop on gravity wave momentum budget*. University of Toronto, Toronto, Canada.
- Guo, Yanjuan.** (2007) Assessing the trends of Southern Hemisphere transient wave activity in reanalyses and rawinsonde observations. *19th Conference on Climate Variability and Change*. San Antonio, TX.
- Hice, Lyndie.** and Conover, D. (2007) Fine-scaled geographic variation in Atlantic silverside vertebral number and tests of adaptive significance. *American Fisheries Society 137th Annual Meeting*. San Francisco, CA.
- Kinney, Juliet.** and Flood, R. (2007), Possible Association of Oyster Terrain Mound Features in the Peconic Estuary on Long Island, NY With 8.2ka Meltwater Pulse? *American Geophysical Union, Fall Meeting*. San Francisco, CA.
- Kinney, Juliet.** and Flood, R. (2008) Peconic Estuary "Oyster Terrain": Carbonate Mound Transgressive Sequence? *Long Island Geologists Meeting*. Stony Brook, NY.
- Li, Xiaona.** Flagg, C. Wang, D. Weisberg, R. and Taylor, G. (2008) Temporal variability of oxidants and reductants supply to the redox interface in the Cariaco Basin and controls on chemoautotrophy. *ASLO/AGU/TOS Ocean Sciences Meeting*. Orlando, FL.
- Lopez-Gasca, M., **Li, Xiaona,** Podlaska, A., and Taylor, G. (2008) Anaerobic thiosulfate and sulfur oxidation/disproportionation mediated by autotrophic bacteria in the Cariaco Basin's redoxcline. *ASLO/AGU/TOS Ocean Sciences Meeting*. Orlando, FL.
- Li, Xiaolin.** (2007) Cationic surfactants: emerging contaminants of concern and new tracers for contaminant source apportionment, sediment transport and in-situ transformation of endocrine disrupting compounds. *National Institute of Environmental Health Science "20 Years of Success and a Vision for the Future" meeting*. Durham, NC.
- Li, Xiaolin.** (2007) Ditalowdimethylammonium cations (DTDMACs) as tracers of contaminants sources in urban harbor sediments. *Society of Environmental Toxicology and Chemistry (SETAC) annual meeting*. Milwaukee, WI.
- Li, Xiaolin.** (2007) Walter's surfactants as biogeochemical tracers in U.S. estuarine sediments. *American Chemistry Society (ACS) annual meeting*. Boston, MA.

- Li, Xiaolin.** (2008) Quaternary Amine Surfactants as Biogeochemical Tracers in Estuarine, Coastal, and Deep Water Systems. *Ocean Sciences annual meeting*. Orlando, FL.
- Li, Xiaona.** Taylor, G., Podlaska, Agnieszka., Astor, Y., and Scranton, M. (2007) Sulfur Speciation in the Cariaco Basin: with a reference to chemoautotrophic production. *Gordon Research Conference, Chemical Oceanography*. Tilton School, NH.
- Lopez-Gasca, Mariela.** Li, X., Podlaska, A., and Taylor, G. (2008) Anaerobic thiosulfate and sulfur oxidation/disproportionation mediated by autotrophic bacteria in the Cariaco Basin's redoxcline. *ASLO/AGU/TOS Ocean Sciences Meeting*. Orlando, FL.
- Lonsdale, D. Cerrato, R. Caron, D. Holland, R. Mass, A. Holt, L. Schaffner, R. & **Pan, Jerónimo.** (2007) The influence of suspension-feeding bivalves on the pelagic food webs of shallow enclosed bays. *18th Biennial Meeting of the Estuarine Research Federation*. Providence, RI.
- Pan, Jerónimo.** Cerrato, R. & Lonsdale, D. (2007) Effects of ribbed mussel grazing on the planktonic community of Long Island bays. *18th Biennial Meeting of the Estuarine Research Federation*. Providence, RI.
- Marcoval, M. & **Pan, Jerónimo.** (2007) The effect of an exotic serpulid on the planktonic community in estuarine environments. *18th Biennial Meeting of the Estuarine Research Federation*. Providence, RI.
- Fenucci, J. Marcoval, M. & **Pan, Jerónimo.** (2007) Brachyuran zoeae obtain UV-radiation protection from diatom prey. *18th Biennial Meeting of the Estuarine Research Federation*. Providence, RI.
- Perino, Laurie.** Munch, S. and Padilla, D. (2008) Examining bivalve control over phytoplankton composition with a simple model. *National Shellfisheries Association Annual Meeting*. Providence, RI.
- Li, Xiaona, Taylor, G. **Podlaska, Agnieszka.** Astor, Y. and Scranton, M. (2007) Sulfur Speciation in the Cariaco Basin: with a reference to chemoautotrophic production. *Gordon Research Conference, Chemical Oceanography*. Tilton School, NH.
- Lopez-Gasca, M., Li, X., **Podlaska, Agnieszka,** and Taylor, G. (2008) Anaerobic thiosulfate and sulfur oxidation/disproportionation mediated by autotrophic bacteria in the Cariaco Basin's redoxcline. *ASLO/AGU/TOS Ocean Sciences Meeting*. Orlando, FL.
- Wall, C., Peterson, B. **Rodgers, Brooke,** Gobler, C. (2008) The role of sponges in regulating algal blooms in Florida Bay. *Benthic Ecology Meeting 2008*. Providence, RI.
- Wall, Charles.** Peterson, B. Gobler, C. (2007) Facilitation of seagrass *Zostera marina* productivity by suspension-feeding bivalves. *Estuarine Research Federation 2007*. Providence, RI.
- Wall, Charles.** Peterson, B. Gobler, C. (2007) The role of sponges in regulating algal blooms in Florida Bay, FL. *Estuarine Research Federation 2007*. Providence, RI; *Benthic Ecology Meeting 2008*. Providence, RI.
- Wall, Charles,** Peterson, B. Rodgers, B., Gobler, C. (2008) The role of sponges in regulating algal blooms in Florida Bay. *Benthic Ecology Meeting 2008*. Providence, RI.
- Xue, Jianhong.** Armstrong, R. Lee, C. Liu, Z. Wakeham, S. Goutx, M. and Stewart, G. (2008) Using 3D plots from principal components analysis to visualize degradation trajectories of organic matter. *ASLO/AGU/TOS Ocean Science Conference*. Orlando, FL; *Research Expo 2008*. Old Dominion University, Norfolk, VA.

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

- Abramson, Lynn.** (2008) Knauss Fellow. Marine policy, *Office of Senator Barbara Boxer*, Washington, D.C.

Marine and Atmospheric Sciences

Mathews, Teresa. (2008) Postdoctoral Investigator. Environmental Modeling Laboratory, *Institute for Radiological Protection and Nuclear Safety*, Saint Paul lez Durance cedex, France.

❖ Internship Appointments

Dutton, Jessica. (2007) Seafood Tables Research Intern. *Blue Ocean Institute*, East Norwich, NY.

Hice, Lyndie. (2007) “Guide to Ocean Friendly Seafood” Intern. *Blue Ocean Institute*, East Norwich, NY.

❖ Recordings

Duffy, Tara. (2007) *Citizen Scientists* [DVD]. Brooklyn, New York. Brooklyn Children’s Museum.

MATERIALS SCIENCE

GRADUATE DIRECTOR: DILIP GERSAPPE

DEPARTMENT CHAIR: MIKE DUDLEY

❖ Grants, Fellowships, and Awards

Chen, Yi. (2008) President's Award to Distinguished Doctoral Students, \$500. *Stony Brook University*, Stony Brook, NY.

Koo, J. (2007) 1st Prize Poster Award, Frontiers Of Nanotechnology & Biotechnology : Integration And Invention, \$300. 21st Annual International Symposium. Hunter college, New York City, NY.

Sun, Yuan. (2007) Dr. Mow Shiah Lin Scholarship, \$1,000. *Brookhaven National Laboratory*, Upton, NY.

Wen, Jinsheng. (2007) American Crystal Growth Association Award, \$4,000. *American Crystal Growth Association*, Warren, NJ.

❖ Jointly Authored Publications/Research Reports/Reviews

Ba X., Meng Y., Huang Y., Kwak S. Y., Ge S., Qin Y, DiMasi E., Füredi-Milhofer H., Pernodet N. and Rafailovich M. (2008) *In vitro* biomineralization induced by self-assembled extracellular matrix proteins. *Key Engineering Materials* 361-363: 427-430.

DiMasi E., Kwak S. Y., Pernodet N., **Ba X.**, Meng Y., Zaitsev V., Subburaman K. and Rafailovich M. (2007) Biomimetic mineralization and shear modulation force microscopy of self-assembled protein fibers. In Behrens P. and Bäuerlein E. (Eds), *Handbook of Biomineralization- Biomimetic and Bioinspired chemistry*. Weinheim, Germany: Wiley-VCH.

Meng Y., **Ba X.**, Kwak S. Y., DiMasi E., Ruppel M., Miller L., Ge S., Pernodet N., Rafailovich M. and Qin Y. (2007) Effect of substrate surface modification on biomineralization of osteoblasts. *Materials Research Society Symposium Proceedings*: 950.

Bishop-Haynes, A. and Gouma P. (2007) Electrospun Polyaniline Composites for NO₂ Detection. *Materials and Manufacturing Processes* 22 (5-6): 764-767.

Chawda, S.G., Maywin, J.A., Halada, G.P., Fortmann, C.M. (in press) Phononic engineered materials and devices. *Journal of Non-Crystalline Solids*.

Chen, H. Wang, G., Dudley, M., Zhang, L., Zhu, Y., Zhang, Y., Edgar, J. H. and Kuball, M. (2007) Defect Structures in B₁₂As₂ Epitaxial Films Grown on c-Plane and a-Plane 6H-SiC Substrates. *Semiconductor Defect Engineering-Materials, Synthetic Structures and Devices II, Mater. Res. Soc. Symp.Proc.* 994: 0994-F03-01.

Chen, Y, **Chen, H**, Zhang, N., Dudley, M and Ma, R. (2007) Investigation of Low Angle Grain Boundaries in Hexagonal Silicon Carbide. *Mater. Res. Soc. Symp. Proc.* 955E: I07-50.

Chen, H. Wang, G., Dudley, M.I, Zhang, L., Zhu, Y., Xu, Z., Edgar, J. H. and Kuball, M. (in press) Characterization and Growth Mechanism of B₁₂As₂ Epitaxial Layers Grown on m-plane 15R-SiC Substrates. *Silicon Carbide-Materials, Processing and Devices, Mater. Res. Soc. Symp.Proc.*

Chen, H. Wang, G., Dudley, M., Zhang, L., Wu, L., Zhu, Y., Xu, Z., Edgar, J. H. and Kuball, M. (in press) Defect Structures in B₁₂As₂ Epitaxial Layers Grown on (0001) 6H-SiC. *J. Appl. Phys.*

Chen, Y., Zhang, N., Huang, X. R., Black, D. R. and Dudley, M. (in press) Studies of the Distribution of Elementary Threading Screw Dislocations In 4H Silicon Carbide Wafer. *Mater. Sci. Forum.*

- Chen, Y.,** Dudley, M., Sanchez, E.K., and MacMillan, M.F. (in press) Sense Determination of Micropipes via Grazing-incidence Synchrotron White Beam X-ray Topography in 4H-Silicon Carbide. *Mater. Sci. Forum*
- Chen, Y.,** Balaji, R., Dudley, M., Murthy, M. , Freitas Jr., J.A. and Maximenko, S. (in press) Mapping of Defects in Large-Area Silicon Carbide Wafers via Photoluminescence and its Correlation with Synchrotron White Beam X-ray Topography. *Mater. Sci. Forum*.
- Chen, Y.,** Dudley, M. ,Liu, K.X. , Caldwell, J.D. andStahlbush, R.E. (in press) Synchrotron X-ray Topographic Studies of Recombination Activated Shockley Partial Dislocations in 4H-SiC Epitaxial Layers. *Mater. Sci. Forum*.
- Chen, Y,** N. Zhang, Dudley, M, J. D. Caldwell, Liu, K. X. and Stahlbush, R.E. (in press) Investigation of Electron-Hole Recombination Activated Partial Dislocations and Their Behavior in 4H-SiC Epitaxial Layers. *Journal of Electronic Materials*.
- Chen, Y,** Dudley, M, Sanchez, E.K. and MacMillan, M.F. (in press) Simulation of Grazing-Incidence Synchrotron White Beam X-ray Topographic Images of Micropipes in 4H-SiC and Determination of Their Dislocation Senses. *Journal of Electronic Materials*.
- Chen, Y** and Dudley, M. (2007) Direct Determination of Dislocation Sense of Closed-core Threading Screw Dislocations Using Synchrotron White Beam X-ray Topography in 4H Silicon Carbide. *Appl. Phys. Lett. 91:* 141918.
- Chen, Y,** Dhanaraj, G., Dudley, M, Sanchez, E.K. and MacMillan, M.F. (2007) Sense Determination of Micropipes via Grazing-incidence Synchrotron White Beam X-ray Topography in 4H Silicon Carbide. *Appl. Phys. Lett. 91:* 071917.
- Chen, Y,** Dudley, M, Liu, K. X. and Stahlbush, R.E. (2007) Interaction between Recombination Enhanced Dislocation Glide Process Activated Basal Stacking Faults and Threading Dislocations in 4H-Silicon Carbide Epitaxial Layers. *Mater. Res. Soc. Symp. Proc. 0994:* F12-03.
- Chen, Y,** Dudley, M, Liu, K. X. and Stahlbush, R.E. (2007) Observations of the Influence of Threading Dislocations on the Recombination Enhanced Partial Dislocation Glide in 4H-Silicon Carbide Epitaxial Layers. *Appl. Phys. Lett. 90:* 171930.
- Chen, Y,** H. Chen, N. Zhang, Dudley, M and Ma, R., (2007) Investigation of Low Angle Grain Boundaries in Hexagonal Silicon Carbide. *Mater. Res. Soc. Symp. Proc. 955E:* I07-50.
- Chen, Y,** Dhanaraj, G., W. Vetter, Ma, R. and Dudley, M. (2007) Behavior of Basal Plane Dislocations and Low Angle Grain Boundary Formation in Hexagonal Silicon Carbide. *Mater. Sci. Forum 556-557:* 231.
- Wang, R., Ma, R., Dhanaraj, G., **Chen, Y** and Dudley, M. (in press) Computational Study of SiC Halide Chemical Vapor Deposition System. *Proceedings of ASME 2007 International Mechanical Engineering Congress and Exposition, IMECE2007:* 43403.
- Wen, J.S., Xu Z. J., Xu, G. Y., Hücker, M., Tranquada, J.M. and Gu, G. D. (2008) Journal of Crystal Growth. Wu, P., Yoganathan, M., Zwieback, I., **Chen, Y** and Dudley, M, "Characterization of Dislocations and Micropipes in 4H n+ SiC Substrates", *Mater. Sci. Forum 2007* (in press).
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- Freitas, J. A., Murthy, M., Maximenko, S., Klein, P. B., Caldwell, J. D., Glembocki, O. J., **Chen, Y.**, Balaji, R., Dudley, M, Vanmil, B., Myers-Ward, R., Gaskill, D. K., Eddy, C. R. , Chung, G. and Laboda, M. J. (2007) Mapping Point and Extended Defects in Wide Bandgap Substrates, Epitaxial Films, and Device structures by Luminescence Techniques. *MRS Spring Meeting*. San Francisco, CA.
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- Jha, P.** (2007). Combined spectroscopic and electrochemical analysis of Uranium-Organic interactions. *Analytical Chemistry in Nuclear Technology*. Boston, MA.
- Jie, Q.**, Zhou, J., Wu, L., Zheng, J., Zhun, Y., Li, Q., Yang, J. (2007) Impact of Nanoscale Substructures on the Thermoelectric Properties of $\text{AgPb}_m\text{SbTe}_{2+m}$. *Materials Science Society, 2007 Fall Meeting, Symposium U*. Boston, MA.
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- Pan, Z.** (2007) Instantaneous distribution of cellular tractions during fibroblast migration. *234th ACS National Meeting & Exposition*. Boston, MA.
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- Sun, Y.**, Frenkel, A. I., Rafailovich, M. H. et al. (2007) Highly crystalline rectangular palladium nanoparticles: colloidal synthesis and electron microscopy studies. *234th ACS National Meeting*. Boston, MA.
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- Valarezo, A.**; Choi, W. B.; Chi, W.; Gouldstone, A; Sampath, S. (2007) Process maps of NiCr coatings by HVOF spraying. *International Thermal Spray Conference (ITSC)*, Beijing, China.
- Varis, T.; Turunen, E.; **Valarezo, A.**; Sampath, S.; Liu, X.; Hannula, S.P. (2007) Formation mechanisms, structure and properties of HVOF sprayed WC-CoCr coatings: An approach towards process maps. *International Thermal Spray Conference (ITSC)*. Beijing, China.
- Valarezo, A.**; Varis, T.; Sampath, S. (2007) A Fundamental Approach to the Tribological Response of Cermet Coatings by HVOF Spraying. *International Cocoa Beach Conference on Advanced Ceramics and Composites*. American Ceramic Society, Daytona Beach, FL.

- Wang, L.**, Perena Gouma, Alexandra Teleki and Sotiris Pratsinis. (2007) Synthesis of pure and loaded WO_3 nanoparticles using flame spray pyrolysis method. *MRS fall meeting, Symposium HH: Nanophase and Nanocomposite Materials V*. Boston, MA.
- Zhang, N.**, Chen, Y., Dudley, M., Sanchez, E.K. and MacMillan, M.F. (2008) Quantitative Strain Mapping of SiC Wafers by Synchrotron White Beam X-ray Reticulography. *MRS Spring Meeting*. San Francisco, CA.
- Zhang W.**, Zheng L., Zhang H. and Samapth S. (2007) Integration of Thermal Spray Process: From Particle In-flight to Coating Build-up. Materials Research Society (MRS) Fall Meeting. Boston, MA.
- Zhang W.**, Wei G., Zhang H., Zheng L. and Samapth S. An Integrated Modeling Tool for Thermal Spraying: From Particle In-flight to Coating Build-up. *Frontiers in Applied and Computational Mathematics*. New Jersey Institute of Technology, Newark, NJ.
- Zhang W.**, Zheng L. and Samapth S. (2007) Generic Correlation of Spray Distance with In-flight Particle Behavior For Different Kinds of Materials in Air Plasma Spraying. Proceedings of HT-2007, ASME-JSME Thermal Engineering Summer Heat Transfer Conference. Vancouver, British Columbia.
- Wei G., **Zhang W.**, Zhang H., Welch O. D. and Samapth S. (2007) Approaches to Achieve Epitaxy Crystal Growth in Thermal Spraying. Proceedings of International Mechanical Engineering Conference & Exposition (IMECE). Seattle, WA.

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

- Choi, Wanhuk.** (2008) Postdoctoral Associate. *Department of Materials Science and Engineering*, Stony Brook University, Stony Brook, NY.
- Ghabchi, Arash.** (2008-Present) Research Scientist. *Advanced Material, Finland Technical Research Institute, VTT*, Helsinki, Finland.
- Haynes, Aisha** (2008), Materials Engineer. Analysis and Evaluation Division, *U.S. Army ARDEC*, Picatinny Arsenal, Picatinny, NJ.

❖ **Other**

- Chen, Yi**, Raghothamachar, Balaji and Dudley, Michael. (2007) *Stress Mapping Analysis via Ray Tracing (SMART)*. New technology disclosed through Stony Brook University (Ref. #: R7985)

MATHEMATICS

GRADUATE DIRECTOR: CLAUDE LEBRUN
DEPARTMENT CHAIR: DAVID EBIN

❖ Grants, Fellowships, and Awards

Di Cerbo, Luca Fabrizio. (2008) Marie Curie Grant, €5000 plus ticket reimbursement. *Institut Henri Poincaré*, Paris, France.

❖ Singly Authored Publications/Research Reports/Reviews

Cheraghi, Davoud. (2007) Combinatorial Rigidity for Some Infinitely Renormalizable Unicritical Polynomial. *Preprint IMS at Stony Brook 07/06*: 1-34.

Di Cerbo, Luca Fabrizio. (2007) A Ricci nilsoliton is nongradient. *arXiv:0801.0004v1 [math.DG]*.

Di Cerbo, Luca Fabrizio. (2007) Generic Properties of Homogeneous Ricci Solitons. *arXiv:0711.0465v1 [math.DG]*.

❖ Jointly Authored Publications/Research Reports/Reviews

Di Cerbo, Luca Fabrizio and Disconzi, Marcelo Mendes. (2008) Yamabe Solitons, Determinant of the Laplacian and the Uniformization Theorem for Riemann Surfaces. *Letters in Mathematical Physics* 83:13-18.

Di Cerbo, Luca Fabrizio and **Disconzi, Marcelo Mendes.** (2008) Yamabe Solitons, Determinant of the Laplacian and the Uniformization Theorem for Riemann Surfaces. *Letters in Mathematical Physics* 83:13-18.

Baraviera, Alexandre Tavares and **Disconzi, Marcelo Mendes.** (in press) Asymptotic States in Coupled Map Lattices. *International Journal of Bifurcation and Chaos*.

Koca, C., Sertoz, A.S. (2008) Irreducible Heegner Divisors in the Period Space of Enriques Surfaces. *International Journal of Mathematics* 19(2): 209-215.

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

Disconzi, Marcelo Mendes. (2008) Some ideas in Conformal Field Theory. *RTG Seminar in Geometry and Physics*. Stony Brook University, Stony Brook, NY.

❖ Other

Disconzi, Marcelo Mendes (2008). Referee for Indian Journal of Pure and Applied Mathematics.

MECHANICAL ENGINEERING

GRADUATE DIRECTOR: ROBERT KUKTA
DEPARTMENT CHAIR: FU-PEN CHIANG

❖ Grants, Fellowships, and Awards

Feng, Dake; Xue, Hui; Tan Congcong. (2007) Rank No.2 of 2006 Nationwide IEEEExtreme Programming Challenge. *IEEE*, Stony Brook, NY.

❖ Jointly Authored Publications/Research Reports/Reviews

Imin Kao, **Chung, Chun-hui**, and Rodriguez, Roosevelt Moreno. (2008) Modern Wafer Manufacturing and Slicing of Crystalline Ingots to Wafers Using Modern Wiresaw. In G. Dhanaraj, M. Dudley, K. Byrappa, and V. Prasad (Eds.), *Springer Handbook of Crystal Growth, Defects and Characterization*. New York: Springer-Verlag.

H.-J. Park, T. Tsang, H. Kirk, F. Ladeinde, V. Graves, P. Spampinato, A. Carroll, P. Titus, K. McDonald (2008) Optical Diagnostics of Mercury Jet for an Intense Proton Target. *Review of Scientific Instruments, American Institute of Physics*, 79(4): 045111.

H.S. Fang, L.L. Zheng, S. R. Qiu, K.I. Schaffers, J.B. Tassano, H. Zhang. (in press) Optimization of the cooling profile to achieve crack-free Yb:S-FAP crystals. *Journal of Crystal Growth*.

H.S. Fang, L.L. Zheng, H. Zhang, Y. Hong, Q. Deng. (in press) To Reduce Melt Inclusion Using Submerged Heater or Baffle in Optical Crystal Growth. *Crystal Growth & Design*.

Imin Kao, Chung, Chun-hui, and **Rodriguez, Roosevelt Moreno**. (2008) Modern Wafer Manufacturing and Slicing of Crystalline Ingots to Wafers Using Modern Wiresaw. In G. Dhanaraj, M. Dudley, K. Byrappa, and V. Prasad (Eds.), *Springer Handbook of Crystal Growth, Defects and Characterization*. New York: Springer-Verlag.

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

Nejat, G., **Allison, Brian**. Gomez, N., Rosenfeld, A. (2007) The Design of an Interactive Socially Assistive Robot for Patient Care. *ASME Int. Mechanical Engineering Congress and Expo, IMECE2007-41811*. Seattle, WA.

Allison, Brian, Nejat, Goldie. (2008) An Expressive Socially Assistive Robot for Health Care Applications. *ASME Int. Design Engineering Technical Conferences & Computers and Information in Engineering Conference, DETC2008-50082*. Brooklyn, NY.

Fang, H.S., L.L. Zheng, H. Zhang. (2007) Control of Flow Pattern and Solidification Interface Shape in an Induction Heated Czochralski Crystal Growth System. *Proceedings of 2007 ASME-JSME, Summer Heat Transfer Conference*. Vancouver, British Columbia.

Fang, H.S., L.L. Zheng, H. Zhang, S.R. Qiu, K.I. Schaffers, J. B. Tassano. (2007) Controlled Cooling to Mitigate Cracking in Large Diameter Crystals. *ICCG-15*. Salt Lake City, UT.

Fang, H.S., L.L. Zheng, H. Zhang, Y. Hong, Q. Deng. (2007) A Novel Method for Melt Flow Control and Inclusion Suppression in Optical Crystal Growth. *Proceedings of 2007 ASME International Mechanical Engineering Congress & Exposition*. Seattle, WA.

Rastegar, Jahangir; **Feng, Dake**. (2007) Novel Motion-Doubling Linkage Mechanisms for Vehicle Suspension - Performance Simulation Results. *2007 ASME International Design Engineering Technical Conferences & Computers and Information in Engineering Conferences*. Las Vegas, NV

- Rastegar, Jahangir; **Feng, Dake**, Hua, Lin. (2008) On the relationship between the harmonic amplitudes of the output motion of closed-loop linkage mechanisms. *2008 ASME International Design Engineering Technical Conferences & Computers and Information in Engineering Conferences*. New York City, NY.
- Hong, Guo**, Peisen S. Huang, (2007) Absolute phase retrieval for 3D shape measurement by the Fourier transform method. *Two- and Three-Dimensional Methods for Inspection and Metrology V*. Boston, MA.
- V. Graves, H. Kirk, **Park, H.J.**, T. Tsang, A. Fabich, I. Efthymiopoulos, P. Titus, A. Carroll, P. Spampinato, K. McDonald (2007) Systems Testing of a Free Hg Jet system For Use in a High-Power Target Experiment. *Proceedings of the 22nd Particle Accelerator Conference*. Albuquerque, NM.
- H. Kirk, **Park, H.J.**, T. Tsang, A. Fabich, I. Efthymiopoulos, N. Mokhov, S. Striganov, A. Carroll, V. Graves, P. Spampinato, K. McDonald, J. Bennett, O. Cannelta, P. Loveridge (2007) A High-Power Target Experiment at The CERN PS. *Proceedings of the 22nd Particle Accelerator Conference*. Albuquerque, NM.
- H. Kirk, **Park, H.J.**, R. Samulyak, N. Simos, T. Tsang, I. Efthymiopoulos, A. Fabich, H. Haseroth, V. Graves, P. Spampinato, K. McDonald, J. Bennett, T. Edgecock (2007) A Proof-of-Principle Experiment For a High-Power Target System. *Proceedings of European Particle Accelerator Conference, Accelerator Technology*. Edinburgh, Scotland.
- Park, H.J.** (2007) Optical Diagnostics. *Neutrino Factory and Muon Collider Collaboration*. University of California at Los Angeles, Los Angeles, CA.
- Park, H.J.** (2008) Optical Diagnostic Results of MERIT Experiment at CERN. *Mercury Intense Target Collaboration*. European Organization for Nuclear Research, Geneva, Switzerland.
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- Chiang, Fu-pen, **Uzer, Gunes**. (2007) Experimental Micromechanics Study of Lamellar TiAl. *Proc. of a Special Symposium in Honor of Dr. Craig Hartley, TMS Annual Conference*. Orlando, FL.
- Chiang, Fu-pen, **Uzer, Gunes**. (2007) Auxetic Foam as a Core Material for Sandwich Panels. *2007 SEM Annual Conference & Exposition*. Springfield, MA.
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- Wei, Jiuan**, Zheng Lili, Zhang Hui. (2007) Growth of Different Crystals Using a Modified Bridgman System. *Proceeding of 2007 ASME Int. Mech. Engng. Congress and Exposition*. Seattle, WA.
- Wei, Jiuan**, Zheng Lili, Mandal Krishna C, Choi Michael, Kang Sung Hoon (2007) A New Design to Suppress Melt Convection in Bridgman Crystal Growth. *15th Int. Conf. on Crystal Growth*. Salt Lake City, UT. (poster)

Zhang, Zhe and Nejat, Goldie. (2008) Robot-Assisted 3D Mapping of Search and Rescue Environments. *Proceedings of the ASME 2008 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 2008)*. Brooklyn, NY.

MOLECULAR AND CELLULAR BIOLOGY

GRADUATE DIRECTOR: ROLF STERNGLANZ

❖ Jointly Authored Publications/Research Reports/Reviews

- Xu, A., Haines, N., **Dlugosz, M.**, Rana, N.A., Takeuchi, H., Haltiwanger, R.S., and Irvine, K.D. (2007) In vitro reconstitution of the modulation of *Drosophila* Notch-ligand binding by Fringe. *J. Biol. Chem.* 282: 35153-35162.
- Ojima, I., Chen, J., Sun, L., Borella, C., Wang, T., Miller, M., Lin, S., Geng, X., Kuznetsova, L., Qu, C., Gallager, D., Zhao, X., Zanardi, I., Xia, S., Horwitz, S., St. Clair, J., **Guerrero, J.L.**, Bar-Sagi, D., Veith, J., Pera, P., and Bernacki, R. (in press) Design, Synthesis, and Biological Evaluation of New-Generation Taxoids. *J. Med. Chem.*
- Kok, F.**, Oster, E., Mentzer, L., Hsieh, J.C., Henry, C and Sirotkin, H.I. (2007) The role of the Spt6 chromatin remodeling factor in zebrafish embryogenesis. *Dev Biol.* 307(2): 214-226.
- Rampal, R., **Luther, K.**, and Haltiwanger, R.S. (2007) Notch Signaling in Normal and Disease States: Possible Therapies Related to Glycosylation. *Current Molecular Medicine* 7: 427-445.
- Luo, Y., **Luther, K.B.**, and Haltiwanger, R.S. (2007) O-Fucosylation of Glycoproteins. In H. Kamerling (Ed.), *Comprehensive Glycoscience. Elsevier* 4: 209-227.
- Nelson, L.D.**, Johnson, A.E., London, E., (2008) How Interaction of Perfringolysin O with Membranes is Controlled by Sterol Structure, Lipid Structure, and Physiological Low pH: Insights into the Origin of Perfringolysin O-lipid raft Interaction. *J Biol Chem* 283: 4632-4642.
- Wan, L., **Niu, H.**, Futcher, B., Zhang, C., Shokat, K. M., Boulton, S. J., and Hollingsworth, N. M., (2008) Cdc28-Clb5 (CDK-S) and Cdc7-Dbf4 (DDK) collaborate to initiate meiotic recombination in yeast. *Genes Dev.* 22: 386-397.
- Niu, H.**, Li, X., Job, E., Park, C., Moazed, D., Gygi, S. P., and Hollingsworth, N. M. (2007) Mek1 kinase is regulated to suppress double-strand break repair between sister chromatids during budding yeast meiosis. *Mol. Cell. Biol.* 15: 5456-5467.
- Xu, A., Haines, N., Dlugosz, M., **Rana, N.A.**, Takeuchi, H., Haltiwanger, R.S., and Irvine, K.D. (2007) In vitro reconstitution of the modulation of *Drosophila* Notch-ligand binding by Fringe. *J. Biol. Chem.* 282: 35153-35162.
- Acar, M., Jafar-Nejad, H., Takeuchi, H., Rajan, A., Ibrani, D., **Rana, N.A.**, Pan, H., Haltiwanger, R.S., and Bellen, H.J. (2008) Rumi Is a CAP10 Domain Glycosyltransferase that Modifies Notch and Is Required for Notch Signaling. *Cell* 13: 247-258.
- Ullman, E.**, Fan, Y., Stawowczyk, M., Chen, H.M., Yue, Z., and Zong, W.X., (2008) Autophagy promotes necrosis in apoptosis-deficient cells in response to ER stress. *Cell Death Differ.* 16: 422-425.
- Gengxin, C., **Wanhe, L.**, Zhang, Q., Regulski, M., Sinha, N., Barditch, J., Tully, T., Krainer, A., Zhang, M., Dubnau, J., (2008) Identification of Synaptic Targets of *Drosophila* Pumilio. *PLoS Computational Biology* 4(2): e100002.

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

Chang, Janet., Kohler, C., Andersen, O., Diehl, A., Schmieder, P, Krause, G., Holdener, B., Oshkinat, H. (2007) The solution structure of the core of mesoderm development (MESD), a chaperone for the members of the LDLR family. *ISMAR Conference*. Taiwan.

Curato, Jennifer and Zong, W.X., (2007) DNA alkylating damage induces tumor cell death independent of apoptosis. *Cold Spring Harbor Laboratory Conferences: Cell Death*. Cold Spring Harbor, NY.

Du, J., Takeuchi, H., Leonhard, C.L., **Dlugosz, M.**, Haltiwanger, R.S., and Holdener, B.C. (2007) O-Fucosylation of Thrombospondin Type 1 Repeats is Essential for Normal Gastrulation in Mouse Embryos. *Glycobiology 17*: 1243a.

Luther, K., Schindelin, H., and Haltiwanger, R.S. (2007) Mutagenesis and Kinetic Characterization of Mouse Lunatic Fringe. *Glycobiology 17*: 1233a

Nelson, L.D., Johnson A.E., London E. (2008) Interaction of PFO with Membranes is Affected by Sterol and Membrane Structure. *Biophysical Society 52nd Annual Meeting*. Long Beach, CA.

Takeuchi, H., Acar, M., Jarar-Nejad, H., Rajan, A., Ibrani, D., **Rana, N.A.**, Pan, H., Bellen, H.J., and Haltiwanger, R.S. (2007) Identification of a Protein O-Glucosyltransferase Required for Notch Signaling in *Drosophila*. *Glycobiology 17*: 1212a.

Rana, N.A., Kao, K., Caswell, D., Tan, E., Al-Shareffi, E., and Haltiwanger, R.S. (2007) Development of Mass Spectral Methods for Mapping O-Fucose and O-Glucose Modifications on Notch Receptors. *Glycobiology 17*: 1246a.

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

Niu, Hengyao (2007) Susan G. Komen Postdoctoral Fellowship. Department of Molecular Biophysics and Biochemistry, *Yale University*, New Haven, CT.

MOLECULAR GENETICS AND MICROBIOLOGY

GRADUATE DIRECTOR: JANET HEARING

DEPARTMENT CHAIR: JORGE BENACH

❖ Grants, Fellowships, Awards

Lilo, Sarit. (2008) ASM Travel Grant, \$500. *American Society for Microbiology*, Washington, D.C.

Ullman, Amanda. (2007) National Cancer Institute Travel Scholarship, \$500. *National Institutes of Health*, Bethesda, MD.

❖ Jointly Authored Publications/Research Reports/Reviews

Goldstein, R.S., Bruchfeld, A., Yang, L., Qureshi, A.R., Gallowitsch-Puerta, M., Patel, N.B., Huston, B.J., Chavan, S., Rosas-Ballina, M., Gregersen, P.K., **Czura, Christopher J.**, Sloan, R.P., Sama, A.E., and Tracey, K.J. (2007) Cholinergic anti-inflammatory pathway activity and High Mobility Group Box-1 (HMGB1) serum levels in patients with rheumatoid arthritis. *Molecular Medicine 13*: 210-215.

Huston, J.M., Gallowitsch-Puerta, M., Ochani, M., Ochani, K., Yuan, R., Rosas-Ballina, M., Ashok, M., Goldstein, R.S., Chavan, S., Pavlov, V.A., Metz, C.N., Yang, H., **Czura, Christopher J.**, Wang, H., and Tracey, K.J. (2007) Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis. *Critical Care Medicine 12*: 2762-2768.

Pavlov, V.A., Ochani, M., Yang, L.H., Gallowitsch-Puerta, M., Ochani, K., Lin, X., Levi, J., Parrish, W.R., Rosas-Ballina, M., **Czura, Christopher J.**, Larosa, G.J., Miller, E.J., Tracey, K.J., and Al-Abed, Y. (2007) Selective alpha7-nicotinic acetylcholine receptor agonist GTS-21 improves survival in murine endotoxemia and severe sepsis. *Critical Care Medicine 4*: 1139-1144.

Cello, J., Toyoda, H., **DeJesus, Nidia**, Dobrikova, E.Y., Gromeier, M., and Wimmer, E. (2008) Growth phenotypes and biosafety profiles in poliovirus-receptor transgenic mice of recombinant oncolytic polio/human rhinoviruses. *Journal of Medical Virology 80*: 352-359.

Gladue, Douglas P., and Konopka, J.B. (2007) Scanning mutagenesis of regions in the G α protein Gpa1 that are predicted to interact with yeast mating pheromone receptors. *FEMS Yeast Research 8*: 71-80.

Jiang, Ping, Faase, J.A., Toyoda, H., Paul, A., Wimmer, E., and Gorbalenya, A.E. (2007) Evidence for emergence of diverse polioviruses from C-cluster coxsackie A viruses and implications for global poliovirus eradication. *Proceedings of the National Academy of Science U.S.A. 104*: 9457-9462.

Jiang, Ping, Faase, J.A., Toyoda, H., Paul, A., Wimmer, E., and Gorbalenya, A.E. (2007) Evidence for emergence of diverse polioviruses from C-cluster coxsackie A viruses and implications for global poliovirus eradication. *Proceedings of the National Academy of Science U.S.A. 104*: 9457-9462.

LaRocca, Timothy J., and Benach, J.L. (2008) The important and diverse roles of antibodies in the host response to *Borrelia* infections. *Current Topics in Microbiology and Immunology 319*: 63-103.

Liu, Ying, Franco, D., Paul, A.V., and Wimmer, E. (2007) Tyrosine 3 of poliovirus terminal peptide VPs(3B) has an essential function in RNA replication in the context of its precursor protein, 3AB. *Journal of Virology 81*: 5669-5684.

Yin, J., **Liu, Ying**, Wimmer, E., and Paul, A.V. (2007) Complete protein linkage map between the P2 and P3 non-structural proteins of poliovirus. *Journal of General Virology 88*: 2259-2267.

- Mickle, Katie L.**, Oliva, A., Huberman, J.A., and Leatherwood, J. (2007) Checkpoint effects and telomere amplification during DNA re-replication in fission yeast. *BMC Molecular Biology* 8: 119.
- Mickle, Katie L.**, Ramanathan, S., Rosebrock, A., Oliva, A., Chaudari, A., Yompakdee, C., Scott, D., Leatherwood, J., and Huberman, J.A. (2007) Checkpoint independence of most DNA replication origins in fission yeast. *BMC Molecular Biology* 8: 112.
- Mickle, Katie L., Ramanathan, S., **Rosebrock, Adam**, Oliva, A., Chaudari, A., Yompakdee, C., Scott, D., Leatherwood, J., and Huberman, J.A. (2007) Checkpoint independence of most DNA replication origins in fission yeast. *BMC Molecular Biology* 8: 112.
- Felek, S., **Runco, Lisa M.**, Thanassi, D.G., and Krukoni, E.S. (2007) Characterization of six novel chaperone/usher systems in *Yersinia pestis*. *Advances in Experimental Medicine and Biology* 603: 97-105.
- Runco, Lisa M.**, Myrczek, S., Bliska, J.B., and Thanassi, D.G. (in press) Biogenesis of the F1 capsule and analysis of the ultrastructure of *Yersinia pestis*. *Journal of Bacteriology*.
- Yeh, B.J., **Rutigliano, Robert J.**, Deb, A., Bar-Sagi, D., and Lim, W.A. (2007) Rewiring cellular morphology pathways with synthetic guanine nucleotide exchange factors. *Nature* 447: 596-600.

Abstracts, Conferences/Colloquiums, Presentations, Symposiums, Workshops

- Karen, Kasey**, and Hearing, P. (2007) Adenovirus Proteins E1B55K and E4ORF6 Inhibit the MRN Complex Early During Infection. *ICGEB DNA Tumor Virus Meeting*. Trieste, Italy.
- LaRocca, Timothy**, Katona, L., Thanassi, D.G., and Benach, J.L. (2008) The Bactericidal Action of a Complement-Independent Antibody Against Relapsing Fever *Borrelia* Resides in its Variable Region. *Biology of Spirochetes*. Ventura, CA.
- Lilo, Sarit**, Zheng, Ying, and Bliska, J.B. (2008) Caspase-1 Activation in Macrophages Infected with *Yersinia pestis* KIM Requires the Type III Secretion System Effector YopJ. *108th General Meeting of the American Society for Microbiology*. Boston, MA.
- Lucs, Alexandra**, and Muthuswamy, S. (2007) Y1226/7 Mediates ErbB2 Inhibition of Taxol-Induced Apoptosis. *Era of Hope Meeting*. Baltimore, MD.
- Ullman, Amanda**, and Hearing, P. (2007) The Adenovirus E4 ORF3 Protein Antagonizes Aspects of the IFN-Induced Antiviral State. *ICGEB DNA Tumor Virus Meeting*. Trieste, Italy.
- Lilo, Sarit, **Zheng, Ying**, and Bliska, J.B. (2008) Caspase-1 Activation in Macrophages Infected with *Yersinia pestis* KIM Requires the Type III Secretion System Effector YopJ. *108th General Meeting of the American Society for Microbiology*. Boston, MA.

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

- Gladue, Douglas**. (2007) Research Microbiologist. *Plum Island Animal Disease Center*, Greenport, NY.
- Kruh, Nicole**. (2007) Postdoctoral Fellow. Department of Microbiology, Immunology and Pathology, *Colorado State University*, Fort Collins, CO.
- Lawrence, Paul**. (2007) Research Molecular Biologist. *Plum Island Animal Disease Center*, Greenport, NY.
- Mickle, Katie**. (2007) Laboratory Instructor. Biology Department, *Stonehill College*, Easton, MA.
- Ullman, Amanda**. (2008) Postdoctoral Fellow. Department of Microbiology, *Mount Sinai School of Medicine*, New York City, NY.

MUSIC

GRADUATE DIRECTOR: JUDY LOCHHEAD
DEPARTMENT CHAIR: DANIEL WEYMOUTH

❖ Grants, Fellowships, and Awards

- Francom, Jeffrey.** (2008) Ralph Vaughan Williams Research Fellowship, £1800. *Carthusian Trust and Charterhouse School*, Surrey, England.
- Hsiao, Angel.** (2008) First Prize. *Young Artist Competition of the New York Flute Club*, New York, NY.
- Kaiser, Katherine.** (2008) DAAD Research Grant. *DAAD German Academic Exchange Service*, New York, NY.
- Kuefler, Elizabeth.** (2007) Taos School of Music Fellowship. *Taos School of Music*, Taos, NM.
- Le, Alexandria.** (2007) First Prize. *Bradshaw & Buono International Piano Competition*, New York, NY.
- Powell, Jessica.** (2008) Manhattan Community Arts Fund Grant. *Lower Manhattan Cultural Council*, New York, NY.
- Ricardo Gallo.** (2008) Tinker Fellowship. *Latin American and Caribbean Studies Center*, New York, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Cencer, Bethany.** (2007) The music teacher as coach...: empowering students to realize their inner potential. *American Music Teacher Magazine* (24-30).
- Loyato, Martin (2008)** Celestial Spheres. In Thresa Sauer (Ed.), *Notations 21*. New York: Mark Batty Publisher.
- Shapiro, Amy.** (2007) For Lenny and Stanley: John Corigliano's Clarinet Concerto Thirty Years Later. *The Clarinet* (32-40).

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

- Bartolozzi, Joseph.** (2008) Electro-Acoustic Composition as a Tool for Secondary School Music Teaching. *Conference on Arts Education*. New York University Steinhardt School of Culture, Education and Human Development, New York, NY.
- Faliks, Inna.** (2007) Invited Lecture-Recital on Contemporary Music. Columbia College, Chicago, IL.
- Gallo, Ricardo.** (2007) Strata of Sonic Identities: the recent urban music of Colombia. *International Association of Philosophy and Literature Conference on Layering*. University of Cyprus, Nicosia, Cyprus.
- Kaiser, Katherine.** (2007) Manufacturing the Factory: Annie Gosfield's The Manufacture of Tangled Ivory. *Feminist Theory in Music Conference*. Montreal, Quebec
- Ohnishi, Takae.** (2008) Invited Lecture on Harpsichord Music. *17th National Piano Competition*. Yantai, China.
- Tochka, Nicholas.** (2008) Korçar Listening: Musical Meaning, Civic Identity, and Taste. *Mid-Atlantic Chapter of the Society for Ethnomusicology*. Columbia University, New York, NY.

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

Chung, Minna Rose. (2008) has been appointed Assistant Professor of Cello for the University of Manitoba in Winnipeg, Canada starting August 1, 2008.

Ohnishi, Takae. (2007-8) Lecturer, Harpsichord and Baroque Chamber Music. *University of California*, San Diego, CA.

❖ **Internship Appointments**

Le, Alexandria. (2008) Collaborative Piano Internship. *Banff Centre*, Banff, Alberta

❖ **Exhibitions/Performances**

Augustyn, Kinga. (Violin) Recital. *Paul Hall, Lincoln Center*, New York, NY, 2007.

Augustyn, Kinga. (Violin) Recital including World Premier of Gernika by Cynthia Wong for Harp, Soprano and String Quartet. *Weill Recital Hall, Carnegie Hall*, New York, NY, 2008.

Augustyn, Kinga. (Violin) Recital including World Premier of Emaus for Violin and Harpsichord by Jakub Ciupinski, *Weill Recital Hall, Carnegie Hall*, New York, NY, 2008.

Augustyn, Kinga. (Violin) Recital. *Polish Consulate*, New York, NY, 2008.

Bartolozzi, Joseph. (Composition) World Premier of Innocence, Despair, and Enlightenment at the Carnegie Hall Leonard Bernstein Project. *Zankel Hall, Carnegie Hall*, New York, NY, 2008.

Chenault, Cordelia. Solo performance of Forever Young by John Corigliano with the Stonewall Chorale. New York, NY, 2008.

Duykers, Max Giteck. (Composition) Performance and Recording of The Clemency of Milk for Flute, Violin and Piano. *Music Festival at the Vittadini School of Music*, Pavia, Italy, 2008.

Duykers, Max Giteck. (Composition) Performance and Recording of Twilight for Adored and Breathless Moments for Pierrot Sextet. *Seattle Chamber Players' Icebreaker IV Music Festival*, Seattle, WA, 2008.

Faliks, Inna. (Piano) Performance. *Metropolitan Museum of Art*, New York, NY, 2008.

Faliks, Inna. (Piano) Recital and Broadcast. *Los Angeles Country Museum of Art*, Los Angeles, CA, 2008.

Faliks, Inna. (Piano) Dame Myra Hess Memorial Concerts Chamber Music Performance. *Chicago Cultural Center*, Chicago, IL, 2007, 2008.

Faliks, Inna. (Piano) Concerto Performance of Rachmaninoff's Rhapsody on a Theme of Paganini with the South Carolina Philharmonic. *Koger Center for the Arts*, Columbia, SC, 2008.

Faliks, Inna. (Piano) Poetry Reading and Recital. *Chelsea Museum of Art Series*, New York, NY, 2008.

Faliks, Inna. (Piano) Concerto with Brevard Festival Orchestra. *Brevard Music Festival*, Brevard, SC, 2007.

Flynn, Kathleen. (Voice) For the Living and the Dead. *Engsö Castle, Västerås*, Sweden, 2007, 2008.

Flynn, Kathleen. (Voice) Schubert's Winterreise. *Festival Internacional de Música Clásica de Ribadeo*, Ribadeo, Spain, 2007.

Flynn, Kathleen. (Voice) The Sorrows of Young Werther: A Romantic Liederabend with the Ensemble for the Romantic Century. *Steinway Hall*, New York, NY, 2007.

Flynn, Kathleen. (Voice) Handel's Messiah. *Carnegie Hall*, New York, NY, 2007.

Music

- Free, Christine.** (Voice) “La Susanna” by Stradella. Brandywine Baroque, Wilmington, DE, 2008.
- Gallo, Ricardo.** (Composition) Ricardo Gallo Quartet. *Lima International Jazz Festival*, Lima, Peru, 2007.
- Gallo, Ricardo.** (Composition) Ricardo Gallo Quartet. *Bogotá International Jazz Festival at El Teatro Libre*, Bogota, Colombia, 2007.
- Gallo, Ricardo.** (Composition) Ricardo Gallo Quartet. *Festival Iberoamericano de las Artes in San Juan and San Germán*, Puerto Rico, 2007.
- Grant, Krystal.** (Composition) Performance of A Child's Thoughts for Flute, Violin, Percussion and Piano. *Ho Chi Minh City Contemporary Music Festival*, Ho Chi Minh City, Vietnam, 2007.
- Grant, Krystal.** (Composition) Performance of Cobalt for Trombone and Double Bass. *American Music Concert at Third Street Music School Settlement*, New York, NY, 2007.
- Le, Alexandria.** (Piano) Concert for Prizewinners of the Bradshaw & Buono International Piano Competition. *Weill Hall at Carnegie Hall*, New York, NY, 2007.
- Loucks, Kevin.** (Piano) Tchaikovsky Piano Concerto No. 1 in Bb minor, Op. 23. University of California Irvine Symphony Orchestra (Stephen Tucker, conductor) *Irvine Barclay Theatre*, Irvine, CA, 2007.
- Loucks, Kevin.** (Piano) Performance at Rabi-Warner Concert Series. *Faculty House at Columbia University*, New York, NY, 2008.
- Loucks, Kevin.** (Piano) Recital at Artists International Debut Recital. *Weil Hall, Carnegie Hall*, New York, NY, 2008.
- Loyato, Martin** (Composition) Absentmindedness for Chamber Orchestra. Commissioned by the Ensemble Inauthentica from Los Angeles, CA, 2007.
- Loyato, Martin.** (Composition) Collaboration and Performance with singer and actress Dana Fuchs on ‘Across the Universe.’ *SAP International Conferences*, Las Vegas, Barcelona and Singapore, 2008.
- Loyato, Martin** (2007) The string quartet *Allí Buenos Aires* was performed on a tour around California by Inauthentica and The Formalist Quartet, 2007.
- Ohnishi, Takae.** (Harpsichord) Solo Recital. *Mandeville Recital Hall at University of California San Diego*, San Diego, CA, 2007.
- Ohnishi, Takae.** (Harpsichord) Complete Brandenburg Concertos. *Isabella Stewart Gardener Museum*, Boston, MA, 2007.
- Ohnishi, Takae.** (Harpsichord) Solo Recital. *San Diego Early Music Society at Rancho Santa Fe*, San Diego, CA, 2008.
- Ohnishi, Takae.** (Harpsichord) The Atlantic Symphony Orchestra “Joyful Noise” concerts. *Derby Academy*, Hingham, MA; *St. Anthony Church*, Cohasset, MA, 2007.
- Ohnishi, Takae.** (Harpsichord) B minor Mass by J.S. Bach with Bach Collegium San Diego. *St. James by-the-Sea Episcopal Church*, La Jolla, CA, 2008.
- Ohnishi, Takae.** (Harpsichord) Solo Recital. *Ishihara Hall*, Osaka, Japan, 2008.
- Pangea Quartet. (Chung, Minna Rose; Holmes-Hicks, Emmalee; Kuefler, Elizabeth; Noh, Esther).** New Music Festival. *University of Alaska Fairbanks*, Fairbanks, AK, 2008.
- Pangea Quartet. (Chung, Minna Rose; Holmes-Hicks, Emmalee; Kuefler, Elizabeth; Noh, Esther).** Kronos Quartet Young Artists Concert. *Zankel Hall, Carnegie Hall*, New York, NY, 2007.
- Salathe, Philip.** World Premier of Ajandek. *University of Maine*, Farmington, ME, 2008.
- Salathe, Philip.** A Canon in Dorian Mode, World Premier to be given by the Intermezzo Orchestra. *Hartt School Community Division Suzuki Program*. West Hartford, CT, 2008.

Salathe, Philip. Islands, Suzuki Guitar Orchestra. *International Suzuki Guitar Festival*, Santa Clara, CA, 2008.

Shuford, Gabe. (Harpsichord) Quartet for Oboe, Flute, Cello, and Harpsichord by Elliott Carter with the Society for Chamber Music of Lincoln Center. *Rose Theater, Lincoln Center*, New York, NY, 2008.

Srinarong, Thaweet. (Violin) Chamber Music Concerts. Japan, Thailand, Malaysia, 2007.

Srinarong, Thaweet. (Violin). Concertmaster for Asian Artists and Concerts Orchestra. New York, NY, 2008.

Srinarong, Thaweet. (Violin). Concert with Orpheus Chamber Orchestra. *Carnegie Hall*, New York, NY, 2007.

Srinarong, Thaweet. (Violin) Recital. *Thai Embassy*, Washington, D.C., 2008.

Starr, Eric. (Featured soloist) Concerto for Trombone and Strings by Johann Georg Albrechtsberger (1736-1809). Twin Cities Concert Association Orchestra, Grass Valley, CA, 2007.

❖ Recordings

Gallo, Ricardo. (Composition) “Urdimbres y Marañas” CD Release at Museo Nacional de Colombia, Bogotá, 2007.

Gallo, Ricardo. “Urdimbres y Marañas”, with *Ricardo Gallo Quartet* (*Ricardo Gallo: piano and compositions, Jorge Sepúlveda: drums, Juan Manuel Toro bass: Juan David Castaño: percussion.*) La Distritofonica: Bogotá, Colombia, 2007.

Gallo, Ricardo. “Para Bojayá”, electro-acoustic piece by Ricardo Gallo on the CD compilation “Periférico: Sounds from beyond the bubble”– Sonic Arts Network: London, U.K, 2007

Loyato, Martin. (2008) Incomplete Denial. *Wooden Jazz Records*.

Salathe, Philip. (2007) Compositions featured in the soundtrack to: This Morning Broke Clear: Warner, NH in the Wake of the Civil War, 1860-1900 [Soundtrack]. *Parrot Creek Productions*, Warner, NH.

Srinarong, Thaweet. (2008) “Shining Rainbow” was released in March with only 10,000 copies made to celebrate the life and passion for classical music of HRH Princess Galyani Vadhana.

❖ Translations

Kaiser, Katherine. (2007) Parsifal: A Workshop Conversation with Ruth Berghaus, Michael Gielen, Klaus Zehelein, and Axel Manthey,” (Katherine Kaiser, Maskarinec Malika and David Levin). Cary, NC: Oxford University Press. (Parsifal: A Workshop Conversation with Ruth Berghaus, Michael Gielen, Klaus Zehelein, and Axel Manthey ([2006]).

NEUROSCIENCE

GRADUATE DIRECTOR: LONNIE WOLLMUTH
DEPARTMENT CHAIR: LORNA ROLE

❖ Grants, Fellowships, and Awards

- Philippidou, Polyxeni** (2007) Kevin King/John Miller Travel Scholarship Award, \$400. *SUNY Stony Brook*, Stony Brook, NY.
- Wu, Muzhou** (2008) Travel award to attend Gordon Research Conference Myelin Conference, \$1,050. *GRC Chair's Fund*, sponsored by NIH.
- Zanazzi, George.** (2007) Best poster presentation at the Program in Neuroscience Graduate Student Symposium, \$100. Department of Neurobiology and Behavior, *SUNY Stony Brook*, Stony Brook, NY.
- Zanazzi, George.** (2008) Individual Predoctoral National Research Service Award, \$27,788 per year. *NINDS*, Bethesda, MD.

❖ Jointly Authored Publications/Research Reports/Reviews

- Aubele, T.**, Kaufman, R., Montalment, F., and Kritzer, M.F. (in press) The effects of gonadectomy and hormone replacement on a spontaneous novel object recognition task in adult male rat. *Hormones and Behavior*.
- Nolin, W., Emmetsberger, J., **Bukhari, Noreen**, Zhang, Y., Levine, J., Tsirka, S. (2008) tPA-Mediated Generation of Plasmin is Catalyzed by the Proteoglycan NG2. *GLIA* 56: 177-189.
- Londin ER, Mentzer L, **Gates K. P.**, Sirotkin HI. (2007) Expression and regulation of the zinc finger transcription factor Churchill during zebrafish development. *Gene Expr Patterns* 7 (6):645-50.
- LoGiudice, Lisamarie**, Sterling, P., Matthews, G. (2008) Mobility and turnover of vesicles at the synaptic ribbon. *J Neurosci.* 28 (12): 3150-3158.
- Bhasin, M, **Wu, Muzhou**, Tsirka SE. (2007) Modulation of microglial/macrophage activation by macrophage inhibitory factor (TKP) or tuftsin (TKPR) attenuates the disease course of experimental autoimmune encephalomyelitis. *BMC Immunology* 16 (8):10.
- Zanazzi, George**, Matthews, G. (2007) A doubleheader in endocytosis. *Neuron* 56(6): 939-942.

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

- Aubele, Teresa.** (2007) The effects of gonadectomy and hormone replacement on a spontaneous novel object recognition task in adult male rats. *Neuroscience 2007*. San Diego Convention Center, San Diego, CA.
- Gates, Keith.** (2008) The transcriptional repressor REST negatively regulates Shh signaling in zebrafish. *Connecticut Valley zebrafish meeting*. UMass Amherst, Amherst, MA.

ORAL BIOLOGY AND PATHOLOGY

GRADUATE DIRECTOR: MARCIA SIMON
DEPARTMENT CHAIR: ISRAEL KLEINBERG

❖ Grants, Fellowships, and Awards

Carrion, Julio. (2007-12) Dendritic cell trafficking in gingival health and disease, (PI). Mentored Clinical Scientist Development Award (K23), \$500,000.00. *NIH/NIDCR*, Bethesda, MD.

Carrion, Julio. (2008) Minority Faculty Development Award (MDFD), \$20,000.00. New York State Academic Centers, *Kellogg Foundation*, *ADEA*, New York, NY.

Carrion, Julio. (2008) IADR Lion Dental Research Award for Junior Investigators, \$2,000. *Periodontal Research Group of the IADR*, Alexandria, VA.

Carrion, Julio. (2008). ACRT-Burroughs Wellcome Fund Trainee Travel Award, \$800. *Association for Clinical Research Training*, Raleigh, NC.

❖ Jointly Authored Publications/Research Reports/Reviews

Rizzo, W.B., Craft, D.A., Somer, T., Carney, G., **Trafrova, J.**, Simon, M. (2008) Abnormal fatty alcohol metabolism in cultured keratinocytes from patients with Sjögren-Larsson syndrome. *J Lipid Res.* 49 (2): 410-9.

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

Carrion, Julio. (2008) Atherogenic markers in *P. gingivalis*-stimulated dendritic cells and periodontitis. *National CTSA KL2, K12 and K30 Clinical Research Scholars, and the Association for Clinical Research Training Annual Meeting*. Washington, D.C.

Carrion, Julio. (2008) Atherogenic markers in *P. gingivalis*-stimulated dendritic cells and periodontitis in-situ. *Minority Dental Faculty Development Program Symposium*. Buffalo, NY.

PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: STYLIANI-ANNA E. TSIRKA

DEPARTMENT CHAIR: MICHAEL FROHMAN

❖ Grants, Fellowships, and Awards

Ardito, Christine. (2008) SigmaXi Grant-in-Aid of Research, Stony Brook Chapter #264, \$1,000. *Sigma Xi, The Scientific Research Society*, Research Triangle Park, NC.

Cheney, Laura. (2008-2010) - PhRMA (Pharmaceutical Researchers and Manufacturers of America) Fellowship, \$20,000. *PhRMA*, Washington, D.C.

Cheney, Laura. (2008) AMA Foundation Seed Grant, \$2,500. *American Medical Association*, Chicago, IL.

Fischer, Victoria. (2008) Graduate Research Fellowship recipients of Honorable Mention. *National Science Foundation*, Oak Ridge, TN.

Leiton, Cindy V. (2008) Graduate Research Fellowship recipients of Honorable Mention. *National Science Foundation*, Oak Ridge, TN.

Leiton, Cindy. (2007-2012) W. Burghardt Turner Fellowship. \$50,000. *Stony Brook University*, Stony Brook, NY.

Love, Damon. (2008) Graduate Student Travel Award \$1,000. *Keystone Symposium on Molecular and Cellular Biology*, Keystone, CO.

Sawey, Eric. (2008) ASPET travel award \$1,000 for the Experimental Biology Meeting in San Diego, CA

Teressa, Getu. (2007-2009) - NIH Ruth L. Kirschstein National Research Service Award (NRSA) Predoctoral Fellowship. National Institute of General Medical Sciences (NIGMS), Bethesda, MD

Tzvetanova, Iva. (2008) Carl Storm Fellowship, \$1,000. *Gordon Research Conferences*, West Kingston, RI.

Williams, Dumaine. (2008) K. Patricia Cross Future Leaders Award. *The Association of American Colleges and Universities (AAC&U)*, Washington, D.C.

❖ Jointly Authored Publications/Research Reports/Reviews

Ardito, Christine M., Briggs, C.D., and Crawford, H.D. (2008) Targeting of extracellular proteases required for the progression of pancreatic cancer. *Expert Opin Ther Targets* 12: 605-619.

Nolin WB, **Emmetsberger J,** Bukhari N, Zhang Y, Levine JM, Tsirka SE. (2008) tPA-mediated generation of plasmin is catalyzed by the proteoglycan NG2. *Glia* 56: 177-89.

Feigin M.E., Malbon CC. (2008) OSTM1 regulates beta-catenin/Lef1 interaction and is required for Wnt/beta-catenin signaling. *Cell Signal* 20: 949-57.

Bikkavilli RK, **Feigin M.E.,** Malbon CC. (2008) G alpha o mediates WNT-JNK signaling through dishevelled 1 and 3, RhoA family members, and MEKK 1 and 4 in mammalian cells. *J Cell Sci.* 121: 234-45.

Feigin M.E., Malbon CC. (2007) RGS19 regulates Wnt-beta-catenin signaling through inactivation of Galph(o). *J Cell Sci.* 120: 3404-14.

Gravanis I, Tsirka SE. (2008) Tissue-type plasminogen activator as a therapeutic target in stroke. *Expert Opin Ther Targets.* 12: 159-70.

- Parathath SR, **Gravanis I**, Tsirka SE. (2007) Nitric oxide synthase isoforms undertake unique roles during excitotoxicity. *Stroke* 38: 1938-45.
- Sheehan JJ, Zhou C, **Gravanis I**, Rogove AD, Wu YP, Bogenhagen DF, Tsirka SE. (2007) Proteolytic activation of monocyte chemoattractant protein-1 by plasmin underlies excitotoxic neurodegeneration in mice. *J Neurosci.* 27: 1738-45.
- Lee DE**, Pai J, Mullapudui U, Alexoff DL, Ferrieri R, Dewey SL. (2008) The effects of inhaled acetone on place conditioning in adolescent rats. *Pharmacol Biochem Behav.* 89: 101-5.
- Li FQ, Singh AM, Mofunanya A, **Love D**, Terada N, Moon RT, Takemaru K. (2007) Chubby promotes adipocyte differentiation through inhibition of beta-catenin signaling. *Mol Cell Biol.* 27: 4347-54.
- Mirrione MM**, Schiffer WK, Fowler JS, Alexoff DL, Dewey SL, Tsirka SE. (2007) A novel approach for imaging brain-behavior relationships in mice reveals unexpected metabolic patterns during seizures in the absence of tissue plasminogen activator. *Neuroimage* 38: 34-42.
- Colognato H, Galvin J, Wang Z, Relucio J, **Nguyen T**, Harrison D, Yurchenco PD, Ffrench-Constant C. (2007) Identification of dystroglycan as a second laminin receptor in oligodendrocytes, with a role in myelination. *Development* 134: 1723-36.
- Tsodikov OV, Ivanov D, **Orelli B**, Staresincic L, Shoshani I, Oberman R, Schärer OD, Wagner G, Ellenberger T. (2007) Structural basis for the recruitment of ERCC1-XPF to nucleotide excision repair complexes by XPA. *EMBO J.* 26: 4768-76.
- Sawey ET**, Crawford HC. (2008) Metalloproteinases and cell fate: Notch just ADAMs anymore. *Cell Cycle* 7: 566-9.
- Sawey ET**, Johnson JA, Crawford HC. (2007) Matrix metalloproteinase 7 controls pancreatic acinar cell transdifferentiation by activating the Notch signaling pathway. *Proc Natl Acad Sci U S A* 104: 19327-32.
- Sheehan JJ, Zhou C, Gravanis I, **Rogove AD**, Wu YP, Bogenhagen DF, Tsirka SE. (2007) Proteolytic activation of monocyte chemoattractant protein-1 by plasmin underlies excitotoxic neurodegeneration in mice. *J Neurosci.* 27: 1738-45.
- Sheehan JJ**, Zhou C, Gravanis I, Rogove AD, Wu YP, Bogenhagen DF, Tsirka SE. (2007) Proteolytic activation of monocyte chemoattractant protein-1 by plasmin underlies excitotoxic neurodegeneration in mice. *J Neurosci.* 27: 1738-45.
- Tsodikov OV, Ivanov D, **Orelli B**, **Staresincic L**, Shoshani I, Oberman R, Schärer OD, Wagner G, Ellenberger T. (2007) Structural basis for the recruitment of ERCC1-XPF to nucleotide excision repair complexes by XPA. *EMBO J.* 26: 4768-76.
- Hohl M, Dunand-Sauthier I, **Staresincic L**, Jaquier-Gubler P, Thorel F, Modesti M, Clarkson SG, Schärer OD. (2007) Domain swapping between FEN-1 and XPG defines regions in XPG that mediate nucleotide excision repair activity and substrate specificity. *Nucleic Acids Res.* 35: 3053-63.
- Strockbine B**, Rizzo RC. (2007) Binding of antifusion peptides with HIVgp41 from molecular dynamics simulations: quantitative correlation with experiment. *Proteins* 67: 630-42.
- Watkins J**, Basu S, Bogenhagen DF (2008) A quantitative proteomic analysis of mitochondrial participation in p19 cell neuronal differentiation. *J Proteome Res.* 7: 328-38.
- Williams D**, Pessin JE. (2008) Mapping of R-SNARE function at distinct intracellular GLUT4 trafficking steps in adipocytes. *J Cell Biol.* 180: 375-87.
- Yondola MA**, Hearing P. (2007) The adenovirus E4 ORF3 protein binds and reorganizes the TRIM family member transcriptional intermediary factor 1 alpha. *J Virol.* 81: 4264-71.

Nolin WB, Emmetsberger J, Bukhari N, **Zhang Y**, Levine JM, Tsirka SE. (2008) tPA-mediated generation of plasmin is catalyzed by the proteoglycan NG2. *Glia* 56: 177-89.

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

Leiton, Cindy. (2007) Role of E-Cadherin in the Regulation of Cell Growth in Non-Small Cell Lung Cancer. *National Institutes of Health Summer Research Symposium*. Bethesda, MD.

Murray, Onika (2008) The Black Female Body: Analysis of her Cultural and Aesthetic Appeal. *The Women's Studies Technology Conference*. Stony Brook Manhattan, New York, NY.

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

Caces, Donne Bennett (2007) Resident. *St. Vincent's Hospital*, New York, NY.

Feigin, Michael (2007) Post-doc. Dr. Senthil K. Muthuswamy, *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

Gravanis, Iordanis (2007) Resident in Internal Medicine. *University of Ioannina*, Greece.

Leiton, Cindy. (2007) Summer Research Intern. Introduction to Cancer Research Careers. *National Cancer Institute, National Institutes of Health*. Bethesda, MD.

Mirrione, Martine M. (2007) Post-doc. Dr. F. Hahn, *Brookhaven National Laboratory*, Upton, NY.

Staresincic, Lidija (2007) Post-doctoral Fellow. Dr. Jesper Svejstrup, *Cancer Institute*, London, UK.

Watkins, Jermel (2007) Post-doc. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

Williams, Dumaine (2007) Post-doc. Dr. Jeffrey Pessin, Division of Medicine, *Department of Endocrinology, Albert Einstein College of Medicine*, Bronx, NY.

PHILOSOPHY

GRADUATE DIRECTOR: HARVEY CORMIER
DEPARTMENT CHAIR: ROBERT CREASE

❖ Grants, Fellowships, and Awards

- Cohoon, Christopher.** (2008) President's Award for Excellence in Teaching by a Graduate Student, \$500. *Stony Brook University*, Stony Brook, NY.
- Holloway, Travis** (2008) DAAD Intensive Language Course Grant. €2,860. *German Academic Exchange Service (DAAD)*, Bonn, Germany.
- Knies, Kenneth.** (2007-2008) Max Kade Foundation Scholarship, \$13,000. *Max Kade Foundation, Inc.*, New York, NY.
- Krempa, Aaron.** (2008) Graduate Scholars Award, tuition remission plus a \$17,695/year stipend for 5 years. *The Pennsylvania State University*, State College, PA.
- La Barbera, Christopher.** (2007) Editorial Grant for the position of Managing Editor, \$15,145. *International Journal of Feminist Approaches to Bioethics*. Indiana University Press Journals, Bloomington, IN.
- Mann, Bonnie.** (2008) Gustave O. Arlt Award in the Humanities, \$1,000. *Council of American Graduate Schools*, Seattle, WA.
- Roth, Brandon.** (2007-2008) Max Kade Foundation Scholarship, \$13,000. *Max Kade Foundation, Inc.*, New York, NY.
- Sauder, Christopher.** (2007) DAAD Research Grant, € 9,750. *German Academic Exchange Service (DAAD)*, Bonn, Germany.
- Sushytska, Julie.** (2007) Floyd L. Moreland Scholarship to the Latin/Greek Institute \$1,800. *Tuition scholarship*, The City University of New York, New York, NY.
- Toledo, Roberto.** (2007) APA Prize in Latin American Thought, \$315. *American Philosophical Association*, Baltimore, MD.
- Whyte, Kyle Powys.** (2008-2009) Northeast Consortium for Faculty Diversity Dissertation Fellowship, 36,000. *Allegheny College*, Meadville, PA.
- Whyte, Kyle Powys.** (2008) Diversity Scholar in Residence, \$1,200. *Allegheny College*, Meadville, PA.

❖ Singly Authored Publications/Research Reports/Reviews

- Butler, Samuel.** (in press) Globalization, Eclecticism, Religion. *Globality Studies Journal*.
- Butler, Samuel.** (2008) Can Undocumented Immigrants Still Have U.S. Work Rights?: The Hoffman Decision and New Forms of Labor Power. *Regional Labor Review*, Spring 2008.
- Butler, Samuel.** (2008) Cash and Work. In John Huss and David Werter (Eds.), *Johnny Cash and the Ring of Truth*. Chicago, IL: Open Court Press.
- Butler, Samuel.** (2007) Born in the Country: Easy to Rule? In Gary Backhaus and John Murungi (Eds.), *Globalization and Colonialism*. Cambridge: Cambridge Scholars Press.
- Butler, Samuel.** (2008) Seeing the Other Side of the Coin: (Re)Constructing the Normative Flipside to Marx's Sociology. *Socialist Studies*, May 2008.

- Fristedt, Peter.** (2008) Can Truth Be an Event and Still Be Truth? On Gadamer. *Southwest Philosophy Review*, Winter 2008.
- Heiner, Brady Thomas.** (2007) Foucault and the Black Panthers. *City: Analysis of Urban Trends, Culture, Theory, Policy, Action* 11(3): 313-356.
- Heiner, Brady Thomas.** (in press) Guest Editor's Introduction: The Recorporealization of Cognition in Phenomenology and Cognitive Science. *Continental Philosophy Review* 41(2).
- Heiner, Brady Thomas.** (2007) The American Archipelago: The Global Circuit of Carcerality and Torture. In G. Backhaus & J. Murungi (Eds.), *Colonial and Global Interfacings*. Cambridge: Cambridge Scholars Press.
- Heiner, Brady Thomas.** (2007) "From the Prison of Slavery to the Slavery of Prison": Angela Y. Davis's *Abolition Democracy*. In H. van der Linden (Ed.), *Radical Philosophy Today, Volume 5: Democracy, Racism, Prisons*. Philosophy Documentation Center.
- Kautzer, Chad.** (2008) Review of *Hegel's Political Philosophy: A Systematic Reading of the Philosophy of Right*, by Thom Brooks. *Political Studies Review* 6: 3.
- Kautzer, Chad.** (2008) Review of *Hegel's Philosophy of Right: Subjectivity and Ethical Life*, by David James. *Political Studies Review* 6: 3.
- Kautzer, Chad.** (2008) Review of *Feminist Interpretations of John Locke*, by Nancy J. Hirschmann & Kirstie M. McClure (Eds.). *Political Studies Review* 6: 3.
- Kautzer, Chad.** (2008) Review of *Jean Bodin: International Library of Essays in the History of Social and Political Thought*, by Julian H. Franklin. *Political Studies Review* 6: 2.
- Kautzer, Chad.** (in press) *Pragmatism, Nation, and Race: Community in the Age of Empire*. Chad Kautzer, and E. Mendieta (Eds.). Bloomington, IN: Indiana University Press.
- Kautzer, Chad.** (2007) *Topographia Dominionum: Property, Divided Sovereignty, and the Spaces of Rule*. In G. Backhaus (Ed.), *Colonial and Global Interfacings: Imperial Hegemonies and Democratizing Resistances*. Cambridge: Cambridge Scholars Publishing.
- Rosenberger, Robert.** (in press) *5 Questions in Philosophy of Science*. Automatic Press/VIP.
- Rosenberger, Robert.** (in press) What Does Technology Do? Review of *What Things Do: Philosophical Reflections on Technology, Agency, and Design*, by Peter-Paul Verbeek. *Janus Head*.
- Rosenberger, Robert.** (in press) Seeing the World Through Technology and Art. Review of *Mediated Vision*, by Petran Kockelkoren (Ed.). *Techné: Research in Philosophy and Technology*.
- Toledo, Roberto.** (in press) The Authenticity of Indigenous Rebellion in Mexico: Luis Villoro's Critique of Leopoldo Zea's Nationalism. *APA Newsletter on Hispanic/Latino Issues in Philosophy*. Newark, DE.
- Toledo, Roberto.** (2008) Imaging Attention Deficit with Hyperactivity Disorder: How Visual Hermeneutics Can Shed Light on an Inter-Disciplinary Debate. *The International Journal of Technology, Knowledge and Society* 4(1): 169-76.
- Whyte, Kyle Powys.** (in press) Environmental Justice and Fair Trade. In Brian Seitz (Ed.), *Without Class*. SUNY Press.

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

- Heiner, Brady Thomas** and Whyte, Kyle Powys. (in press) A Proposal for Genetically Modifying the Project of 'Naturalizing' Phenomenology. *Continental Philosophy Review* 41(2).

- Grim, P., Au, R., Louie, N., **Rosenberger, R.**, Braynen, W., Selinger, E., and Eason, R. E. (in press) A Graphic Measure for Game-Theoretic Robustness. *Synthese*. DOI 10.1007/s11229-0079212-7 .
- Heiner, Brady Thomas and **Whyte, Kyle Powys**. (in press) A Proposal for Genetically Modifying the Project of ‘Naturalizing’ Phenomenology. *Continental Philosophy Review* 41(2)

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

- Altshuler, Roman**. (2007) Freedom in the Ontology of Agency: A Reformulation and Defense of Korsgaard’s Argument. *SEFA 5 (The Fifth Conference of the Spanish Society for Analytic Philosophy)*. Barcelona, Spain.
- Altshuler, Roman**. (2007) Does Freedom Belong to the Ontology of Agency? *Long Island Philosophical Society*. Brooklyn, NY.
- Altshuler, Roman**. (2007) Nature Without Evil: The Missing Term in Kant’s Moral View of the World. *Society for Phenomenology and Existential Philosophy*. Chicago, IL.
- Altshuler, Roman**. (2008) Rationalization as Causation and Diachronic Mental Holism. *Normativity and the Causal Theory of Action*. Bristol, UK.
- Bond, Dean W**. (2007) Excavating a Deleuzo-Guattarian Place Concept. *Constructing Knowledges Conference*. Rutgers University, New Brunswick, NJ.
- Bottenberg, Frances**. (2007) Speaking Scientifically: First Person Reports and Cognitive Psychology. *Society for the Social Study of Science*. Montreal, Quebec.
- Bouska, Phil**. (2008) Deconstruction, Translation, and Pure Language in Heidegger’s “The Origin of the Work of Art”. *41st Annual Meeting of the North Texas Philosophical Association*. University of North Texas, Denton, TX.
- Butler, Samuel**. (2007) Capabilities, Publicity and Immaterial Labor. *Human Development and Capabilities Association Annual Conference*. New School University, New York, NY.
- Butler, Samuel**. (2007) The Misery of Arendt. *Philosophy Department Graduate Colloquium*. SUNY-Stony Brook, Stony Brook, NY.
- Butler, Samuel**. (2007) Fightin’ Words: Could Agamben’s Theoretical Apparatus Actually Advance Struggle? *Society for Phenomenology and Existential Philosophy Annual Meeting*. University of Kentucky, Lexington, KY.
- Butler, Samuel**. (2008) Globalization, Eclecticism and Religion: Eduardo Mendieta’s Global Fragments. *Philosophy Department Graduate Colloquium*. SUNY-Stony Brook, Stony Brook, NY.
- Butler, Samuel**. (2008) Arendt, Solidarity and the Social. *US Basic Income Guarantee Network Annual Congress*, New York, NY.
- Cphoon, Christopher**. (2007). Elemental Alterity in Totality and Infinity. *Annual Meeting of the International Association of Environmental Philosophy (IAEP), in affiliation with the Annual Meeting for the Society for Phenomenology and Existential Philosophy (SPEP)*. DePaul University, Chicago, Illinois.
- Colapinto, Andrés**. (2007) ‘Edible’ and other *-ibles*: A Case Study in Linguistically Oriented Phenomenology. *American Philosophical Association, Eastern Division Annual Meeting*. Baltimore, MD.
- Colapinto, Andrés**. (2008) The Constitution of Events in Husserlian Phenomenology. *Husserl Circle*. Milwaukee, WI.
- Cruz, Azucena**. (2008) Re-Designing the Landscape To Allow For Intra- and Inter-Community Movement. A Case Study of the Urban Renewal Project for Les Tarterêts. *Society for Social Studies of Science (4S) Annual Conference*. Rotterdam, Netherlands.

- Cruz, Azucena.** (2008) L'architectonique de la pauvreté urbaine. Une investigation de Les Tarterêts et Cabrini Green. *Centre d'études urbaines dans le monde Anglophone (CEUMA)*. Université Paris IV – Sorbonne, Paris, France.
- Cruz, Azucena.** (2007) Locating Oneself in the Complex Map of Knowledges. *Society for Social Studies of Science (4S) Annual Conference*. Montreal, Quebec.
- Fernández, José Luis.** (2008) The Eschatological Design of Truth in Hegel's Philosophy of Art. *Truth and Falsity: An International Conference on Hegel's Systematic Thought*. University of Warwick, Warwick, UK; (2008) *Experience and Truth: University of Toronto 8th Annual International Graduate Conference in Philosophy*. University of Toronto, Toronto, Ontario.
- Fernández, José Luis.** (2008) Kant's Feeling: Why Judgments of Taste are De Dicto Necessary. *Michigan State University 9th Annual Graduate Philosophy Conference in Socio-Political Thought and Value Theory*. Michigan State University, East Lansing, MI.
- Fernández, José Luis.** (2007) A Foucauldian Sketch of the Politics of Fear. *Rutgers University Sociology Department Graduate Student Conference: Constructing Knowledges*. Rutgers University, Newark, NJ.
- Fernández, José Luis.** (2007) A Critical Comment on Antonin Scalia's Textualist Methodology. *Critical Legal Conference 2007 (Rhetoric and Law)*. Birkbeck College, University of London, London, UK.
- Fristedt, Peter.** (2007) Can Truth Be an Event and Still Be Truth? On Gadamer. *Southwestern Philosophical Society Conference*. San Antonio, TX.
- Heiner, Brady Thomas.** (2007) Foucault and the Black Panthers. *Forty-sixth Annual Conference of the Society for Phenomenology and Existential Philosophy*. DePaul and Northwestern Universities, Chicago, IL.
- Heiner, Brady Thomas, and Whyte, Kyle Powys.** (2007) *Taking Social-historical Context Seriously: A Proposal for the Consideration of Pre-noetic Sociality in the Cognitive Sciences. Cognition: Embodied, Embedded, Enactive, Extended*. University of Central Florida, Orlando, FL.
- Holloway, Travis.** (2008) A Psychoanalytic Case Study of Robert F. Kennedy, America, in 1968. *2008 Meeting of Existential and Phenomenological Theory and Culture (EPTC)*. Vancouver, British Columbia.
- Holloway, Travis.** (2008) Political Mourning. *Aesthetics, Affect, and Politics*. DePaul University, Chicago, IL.
- Holloway, Travis.** (2008) Mourning, Pain, and Poetry. *The Poetics and Politics of Memory*. Purdue University, West Lafayette, IN.
- Holloway, Travis.** (2008) Violence in the Wake of Terror. *Violence and Non-Violence*. Boston College, Chestnut Hill, MA.
- Holloway, Travis.** (2008) Empedocles and the Songs of Orpheus (with Sallis and Nancy). *Ancient Friends in Contemporary Thinking*. Duquesne University, Pittsburgh, PA.
- Kautzer, Chad.** (2007) Locke's Protestant State of Nature: Colonialism and the Problem of Jurisdiction. *American Philosophical Association (APA) Eastern Division Meeting*. Baltimore, Maryland.
- Kautzer, Chad.** (2007) Locke and the Colonial Condition: The Protestant State of Nature and Why it Confounds Hegelian Critique. *Society for Phenomenology and Existential Philosophy (SPEP), 46th Annual Conference*. DePaul University and Northwestern University, Chicago, IL.
- Krempa, Aaron.** (2008) Unlocalizable Materiality: An Intersection of Nancy and Lyotard. *International Association for Philosophy and Literature*. RMIT University, Melbourne, Australia.

- Kremppa, Aaron.** (2007) The Double Moment of the Sublime in Kant, Schopenhauer, Nietzsche, and Heidegger. *International Association for Philosophy and Literature*. University of Cyprus, Nicosia, Cyprus.
- Paccacerqua, Cynthia.** (2007) The Forgetting of Nature: Foucault, Kant, and the *Opus postumum*. *Society for Phenomenology and Existential Philosophy*. Chicago, IL.
- Paccacerqua, Cynthia.** (2008) On Learning to Know. *Roundtable on Latina Feminism*. Cleveland, OH.
- Rosenberger, Robert.** (2007) Structures of Bodily Experience and Structures of Image Interpretation in Science. *Society for Phenomenology and the Human Sciences*. Chicago, IL.
- Rosenberger, Robert.** (2007) Postphenomenological Imaging: The Debate Over the Eberswalde Delta on Mars. *Society for Social Studies of Science*. Montreal, Québec.
- Rosenberger, Robert.** (2007) The Place of Imaging Technologies in Scientific Debate. *Society for Philosophy and Technology*. Charleston, SC.
- Rosenfeld, Adam.** (2007) Bose-Einstein Condensates and Thaumazein. *Society for the Social Studies of Science*. Montreal, Quebec.
- Sushytska, Julie.** (2007) Irigaray Ontology and the Status of Difference -Response to Mary Beth Mader and Gail Schwab. *2007 Luce Irigaray Circle Conference*, New York, NY.
- Sushytska, Julie.** (2007) The Being of Philosophy: The Philosopher and the Mortal in Plato's Sophist. *Philosophy: Its Essence, Power and Energy, the Prometheus Trust 2nd annual conference*. Glastonbury, Great Britain.
- Toledo, Roberto.** (2007) The Authenticity of Indigenous Rebellion in Mexico: Luis Villoro's Critique of Leopoldo Zea's Nationalism. *The American Philosophical Association*. Baltimore, MD.
- Toledo, Roberto.** (2008) Imaging Attention Deficit with Hyperactivity Disorder: How Visual Hermeneutics Can Shed Light on an Inter-Disciplinary Debate. *The 4th International Conference on Technology, Knowledge, and Society*. Northeastern University, Boston, MA.
- Toledo, Roberto.** (2008) Marx's Fetish in Merleau-Ponty's Phenomenology of Freedom and Alienation. *66th Midwest Political Science Association*. Chicago, IL.
- Whyte, Kyle Powys.** (2008) Understanding Environmental Injustice Against American Indian Communities. *Diversity Scholar in Residence Presentation*. Allegheny College, Meadville, PA.
- Whyte, Kyle Powys.** (2008) Are Indigenous Hunting Rights Morally Defensible?. Animal Rights, Environmentalism, and Makah Whaling, What Makes the Red Man Red?, On Ignorance about Indians. *Diversity Scholar in Residence Course Presentations*. Allegheny College, Meadville, PA.
- Whyte, Kyle Powys.** (2008) An Ethics of Technical Decision-Making for Powerless People Environmental Justice, American Indians and Risk. *Hale Ethics Series*. Rochester Institute of Technology, Rochester, NY.
- Whyte, Kyle Powys.** (2007) Trust, Scientific Expertise, and the Trend Toward Environmental Justice in Indian Country. *Templeton Lecture Series*. Stony Brook University, Stony Brook, NY.
- Whyte, Kyle Powys.** (2007) Can Biopolitical Analysis See Red: Environmental Racism and Foucault. *Society for Phenomenology and Existential Philosophy (SPEP)*. DePaul University, Chicago, IL.
- Whyte, Kyle Powys.** (2007) Taking social-historical context seriously: a proposal for the consideration of prenoetic sociality in the cognitive sciences presented with Brady T. Heiner. *Cognition: Embodied, Embedded, Enactive, Extended (4E)*. University of Central Florida, Orlando, FL.
- Whyte, Kyle Powys, Crease, R.** (2007) Interactional Expertise and Environmental Controversies. *Studies of Expertise and Experience Annual Workshop (SEESHOP)*. Cardiff University, Cardiff, Wales.

Philosophy

Whyte, Kyle Powys. (2007) The Role of Expertise and Local Knowledge in American Indian Struggles Against Environmental Injustice. *Coalition Against Environmental Racism Conference (CAER)*. University of Oregon, Eugene, OR.

❖ Post-Doctorates Obtained and Professional Appointments

Fristedt Peter. (2008-09) Special Assistant Professor. Department of Philosophy, *Hofstra University*, Hempstead, NY.

Kautzer Chad. (2008-09) Assistant Professor. Department of Philosophy, *University of Colorado*, Denver, CO.

Khader Serene. (2008-09) Assistant Professor. Department of Philosophy, *Wheaton College*, Norton, MA.

La Barbera Christopher. (2008-09) Assistant Professor of Philosophy. Department of Humanities, *Colby-Sawyer College*, New London, NH.

Landes Donald (2007-08) Visiting Scholar. *Universite de Paris IV- Sorbonne*, Paris, France.

Sushytska Julie. (2008-09) Assistant Professor. Department of Philosophy, *University of Redlands*, Redlands, CA.

❖ Translations

Butler, Samuel. (2008) Geometry in the Colossal. By Peter Sloterdijk in *Sphären II-Globen*. Society and Space, London, UK, Pion LTD. (Suhrkamp, 1999).

Butler Samuel. (2008) Juridical Subjects or Biomasses? Reflections on the Relation of Racism and Exclusion. By Thomas Lemke in *Biopolitics and Racism: Foucauldian Genealogies*. SUNY Press, 2008.

Cphoon, Christopher. (2008) "Give/Take: The Hand" / "Donner/prendre: la main" (Jean-François Courtine, Christopher Cphoon). *Epochê*, 12(2): pp. 359-377 (Original work published 1990).

❖ Other

Cruz, Azucena. (2008) Peer-Reviewer. *The Journal of Urban Technology*. Taylor and Francis Group, New York, NY.

Rosenfeld, Adam. (2007) Workshop Participant. *Sociology of Experience and Expertise Workshop*. Cardiff, Wales.

PHYSICS AND ASTRONOMY

GRADUATE DIRECTOR: LASZLO MIHALY

DEPARTMENT CHAIR: PETER KOCH

❖ Grants, Fellowships, and Awards

Boyle, Kieran. (2007) 2007 RHIC & AGS Annual Users' Meeting Best Poster Award. *RHIC & AGS Annual Users Group*, Brookhaven National Laboratory, Upton, NY.

Dahms, Torsten. (2007) NUPHA Young Scientist Award at Quark Matter 2008, \$600. *Nuclear Physics A, Elsevier*, Amsterdam, Netherlands.

Faherty, Jackie. (2007) American Museum of Natural History Graduate Student Fellowship, \$24,000. *American Museum of Natural History*, New York, NY.

Gadway, Bryce. (2007) APS Leroy Apker Award, \$7,000. *American Physical Society*, College Park, MD.

Moreno-Mendez, Enrique. (2007) Doctoral Training Programme, \$2,700. *ECT* (European Centre for Theoretical Studies in Nuclear Physics and Related Areas)*, Trento, Italy.

Vavilkin, Tatjana. (2007) IPAC Visiting Graduate Student Fellowship, \$15,500. *Caltech / IPAC*, Pasadena, CA.

❖ Jointly Authored Publications/Research Reports/Reviews

Adare A., **Boyle, Kieran**, et al. (2007) Inclusive cross-section and double helicity asymmetry for π^0 production in p + p collisions at $\sqrt{s} = 200$ -GeV: Implications for the polarized gluon distribution in the proton. *Phys. Rev. D* 76: 051106.

Choi, Jaehyung, Lee S., Lee S. (in press) Near Horizon Analysis of External AdS5 Black Holes. *Journal of High Energy Physics*.

Trallero-Herrero C., **Clow Stephen**, Bergeman T., Weinacht T. (2008) Stong Field Coherent Control of Atomic Population Transfer. *Journal of Physics B: Atomic, Molecular and Optical Physics* 41: 074014.

Dahms, Torsten. (for the PHENIX Collaboration). (2007) Measurement of photons via conversion pairs in Au+Au collisions at $\sqrt{s} = 200$ -GeV with the PHENIX experiment at RHIC. *Proceedings of the 23rd Winter Workshop on Nuclear Dynamics*: 127.

Dusling Kevin, Teaney D. (2008) Simulating elliptic flow with viscous hydrodynamics, *Physical Review C* 77: 034905.

Holt J. D., Pietralla N., **Holt Jeremy**, Kuo T. T. S., Rainovski G. (2007) Microscopic restoration of proton-neutron mixed symmetry in weakly collective nuclei. *Phys. Rev. C* 76: 034325.

Holt Jeremy, Brown G. E., Kuo T. T. S., Holt, J. D., Machleidt R. (2008) Shell model description of the carbon-14 dating beta decay with Brown-Rho-scaled NN interactions. *Phys. Rev. Lett.* 100: 062501.

de Jonge M.D., Vogt S., Legnini D., McNulty I., Rau C., Paterson D., Hornberger B., **Holzner, Christian**, Jacobsen C. (2007) A method for phase reconstruction from measurements obtained using a configured detector with a scanning transmission X-ray microscope. *Nuclear Instruments and Methods in Physics Research A* 582: 218-220.

- Hornberger B., de Jonge M.D., Feser M., Holl P., **Holzner, Christian**, Jacobsen C., Legnini D., Paterson D., Rehak P., StrÄ¼der L., Vogt S. (in press) Differential phase contrast with a segmented detector in a scanning X-ray microprobe. *Journal of Synchrotron Radiation*.
- de Jonge M.D., Hornberger B., **Holzner, Christian**, Legnini D., Paterson D., McNulty I., Jacobsen C., Vogt S. (in press) Quantitative phase imaging with a scanning transmission x-ray microscope. *Physical Review Letters*.
- Huang, Yu-tin**, Siegel W. (2007) Running anti-de Sitter radius from QCD-like strings. *JHEP 0709*: 112.
- Lepzelter, David**, Wang J. (2008) Exact probabilistic solution of spatial dependent stochastics and associated spatial potential landscape for the bicoid protein. *Physical Review E 77*: 041917.
- Lin, Shu**, Shuryak E. (2007) Stress tensor of static dipoles in strongly coupled $N = 4$ gauge theory. *Phys Rev D 76*: 085014.
- Lin, Shu**, Shuryak E. (2008) Toward the AdS/CFT gravity dual for high energy collisions. II. The stress tensor on the boundary. *Phys Rev D 77*: 085014.
- Bennett D.A., **Longobardi, Luigi**, Patel V., Chen W., Lukens J.E. (2007) rf-SQUID qubit readout using a fast flux pulse. *Superconductor Science and Technology 20*: S445-S449.
- Brown G.E., Lee C.-H., **Moreno-Mendez, Enrique**. (2007) GRBs and Hypernova Explosions of Some Galactic Sources. *Astrophysical Journal 671*: L41.
- Pearson B.J., **Nichols, Sarah**, Weinacht T.C. (2007) Molecular fragmentation driven by ultrafast dynamic ionic resonances. *Journal of Chemical Physics 127*: 131101.
- Patu, Ovidiu Ionel**. (2007) Free Energy of the Eight Vertex Model with an Odd Number of Lattice Sites. *J. Stat. Mech.* : P09007.
- Patu, Ovidiu Ionel**, Korepin V.E., Averin D.V. (2008) One-Dimensional Impenetrable Anyons in Thermal Equilibrium. I. Anyonic Generalization of Lenard's Formula. *J. Phys. A: Math. Theor. 41*: 145006.
- Noh H.-J., Koh H., Oh S.-J., Park J.-H., Kim H.-D., **Rameau, Jonathan**, Valla T., Kidd T.E. (2008) Spin-orbit interaction effect in the electronic structure of Bi₂Te₃. *European Physics Letters 81*: 57006
- Sun, Tao**, Allen P.B., Stahnke D.G., Jacobsen S.D., Homes C.C. (2008) Infrared Properties of Ferropericlyase. *Physical Review B 77*: 134303.
- Evans A. S., **Vavilkin, Tatjana**, Pizagno J., Modica F., Mazzarella J. M., Iwasawa K., Howell J. H., Surace J. A., Armus L., Petric A. O., Spoon H. W. W., Barnes J. E., Suer T. A., Sanders D. B., Chan B., Lord S. (2008) Off-Nuclear Star Formation and Obscured Activity in the Luminous Infrared Galaxy NGC 2623. *The Astrophysical Journal Letters 675 (2)*: L69 – L72.
- Korepin V.E., **Xu, Ying**. (2007) Binary Quantum Search. *Proceedings of SPIE (Quantum Information and Computation V)* 6573.
- Korepin V.E., **Xu, Ying**. (2007) Hierarchical Quantum Search. *International Journal of Modern Physics B 21 (31)*: 5187-5205.

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

- Berlijn, Tom**, Yin W., Ku W. (2007) Symmetry Respecting Wannier Functions: Gapless Charge Density Waves in 2H-Tase₂. *CECAM Wannier Workshop*. Lyon, France.
- Berlijn, Tom**, Yin W., Ku W. (2008) Phonon softening and displacement pattern in commensurate charge density wave 2H-Tase₂. *APS March Meeting*. New Orleans, LA.
- Berlijn, Tom**, Yin W., Ku W. (2007) Symmetry Respecting Wannier Functions: Gapless Charge Density Waves in 2H-Tase₂. *CMSN PCSCS Coordination Meeting*. U.C. Davis, Davis, CA.

- Boyle, Kieran** (for the PHENIX Collaboration). (2007) Recent PHENIX Results. *2007 RHIC & AGS Annual Users' Meeting*. Brookhaven National Laboratory, Upton, NY.
- Boyle, Kieran** (for the PHENIX Collaboration). (2007) Accessing Gluon Polarization through the Measurement of Double Helicity Asymmetry in Neutral Pion Production in Polarized pp Collisions. *2007 RHIC & AGS Annual Users' Meeting*. Brookhaven National Laboratory, Upton, NY. (poster)
- Chen, Chin-hao** (for the PHENIX Collaboration). (2007) Decomposition of awayside components of dijet correlation in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. *APS DNP Meeting*. Newport News, VA.
- Chen, Chin-hao** (for the PHENIX Collaboration). (2008) Decomposition of awayside components of dijet correlation in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV at PHENIX. *APS April Meeting*. St. Louis, MO.
- Dahms, Torsten** (for the PHENIX Collaboration). (2007) Measurements of the dilepton continuum in p+p collisions at the PHENIX experiment at RHIC. *APS Division of Nuclear Physics, Fall Meeting*. Newport News, VA.
- Dahms, Torsten** (for the PHENIX Collaboration). (2008) Measurements of thermal photons in heavy ion collisions with PHENIX. *Quark Matter - 20th International Conference on Ultra-Relativistic Nucleus Nucleus Collisions*. Jaipur, India.
- Dahms, Torsten** (for the PHENIX Collaboration). (2008) Measurements of thermal photons and the dielectron continuum with PHENIX. *Hot and Dense Matter in the RHIC-LHC Era*. Mumbai, India.
- Dusling, Kevin** (2007) Thermal Dimuon Yields: Comparison with NA60 results at 158 GeV/nucleon. *Workshop on Electromagnetic Probes of Strongly Interacting*. ECT* at Villa Tambosi, Trento, Italy.
- Faherty, Jackie**, Burgasser A., Cruz K., Shara M., Walter F. (2007) The Brown Dwarf Kinematics Project. *International Astronomical Union Symposium 248*. Shanghai, China.
- Gadway, Bryce**, Galvez E.J. (2007) Testing Hidden-Variable Theorems with Single Photons. *DLS of APS - LS XXIII*. San Jose, CA.
- Gadway, Bryce** (2008) Testing Hidden-Variable Theorems with Single-Photon Entangled States. *APS March Meeting*. New Orleans, LA.
- Yurkewicz A., **Goodson, Jeremiah**. (2008) Muon corrections[in MET]. *Hadronic Calibration Workshop*. Tucson, AZ.
- Herner, Kenneth** (2008) A Search for SuperSymmetric Higgs Bosons in btau Final States. *American Physical Society April Meeting*. St. Louis, MO.
- Holt, Jeremy**, Brown G. E., Holt J. D., Kuo T. T. S. (2007) Medium-modified nucleon-nucleon interactions. *Berkeley School of Collective Dynamics*. Lawrence Berkeley Lab, Berkeley, CA.
- Holt, Jeremy**, Brown G. E., Kuo T. T. S., Holt J. D., Machleidt R. (2007) Carbon-14 beta decay with Brown-Rho-scaled NN interactions. *Nuclear Many-Body Approaches for the 21st Century*. INT, University of Washington, Seattle, WA.
- Holt, Jeremy** (2007) Applications of medium-modified nuclear interactions. *Nuclear Theory Seminar*. Rutgers University, Newark, NJ.
- Holt, Jeremy** (2008) In-medium nuclear interactions and the carbon-14 dating beta decay. *Nuclear Theory Seminar*. Technical University of Munich, Germany.

- Jan, Steinbrener** (2007) Theory of a unified field: Standard file formats and subroutine libraries for diffraction imaging. *Synchrotron Image-Data Format Workshop*. BNL, Upton, NY.
- Anderson W., Azmoun B., Chi C.-Y., Citron Z., Dubey A., Durham J. M., Fraenkel Z., Hemmick T., **Kamin, Jason**, Kozlov A., Milov A., Naglis M., Pisani R., Ravinovich I., Sakaguchi T., Sharma D., Sickles A., Tserruya I., Woody C. (2007) Understanding the gain characteristics of GEMs inside the PHENIX Hadron Blind Detector. *IEEE Nuclear Science Symposium 2007*. Honolulu, HI.
- Bennett D.A., **Longobardi, Luigi**, Patel V., Chen W., Lukens J.E. (2007) RF-SQUID qubit readout with a fast flux pulse. *International Superconductive Electronics Conference*. Washington, D.C.
- Longobardi, Luigi**, Bennett D.A., Patel V., Lukens J.E. (2008) Macroscopic Resonant Tunneling Above the Crossover Temperature in a rf SQUID. *APS March Meeting*. New Orleans, LA.
- Bennett D.A., **Longobardi, Luigi**, Patel V., Averin D., Lukens J.E. (2008) Measurements of Decoherence in rf SQUID Qubits. *APS March Meeting*. New Orleans, LA.
- Means, Nathan** (2007) Sivers Analysis. *PHENIX Focus*. Brookhaven National Laboratory, Upton, NY
- Moreno-Mendez, Enrique** (2007) Black Hole Binaries as Sources of Long Soft Gamma-Ray Burst and Hypernova Explosions. *Doctoral Training Programme: Physics of Compact Stars*. ECT*, Trento, Italy.
- Nichols, Sarah**, Pearson B.J., Weinacht T.C. (2007) Molecular Fragmentation Driven by Ultrafast Dynamic Ionic Resonances. *Gordon Research Conference: Quantum Control of Light and Matter*. Newport, RI.
- Weinacht T.C., **Nichols, Sarah**. (2008) Multidimensional wave packet dynamics in ultrafast molecular fragmentation. *American Chemical Society National Meeting*. New Orleans, LA.
- Korepin V.E., **Patu, Ovidiu Ionel**. (2007) XXX Spin Chain: from Bethe Solution to Open Problems. *Solvay workshop BETHE ANSATZ: 75 YEARS LATER*. Brussels, Belgium.
- Schiller R., Albert S., **Pertot, Daniel**, Sproles D., Greif D., Hansen A., Schneble D. (2007) BEC Apparatus for Optical Lattice Experiments. *DAMOP 2007*. Calgary, Alberta.
- Rameau, Jonathan**, Yang H.B., Gu G., Johnson P.D. (2008) A Laser Based ARPES Study of the Nodal Region of the Cuprates. *APS March Meeting*. New Orleans, LA.
- Reeves, Jason** (2008) Neutral Atom Lithography. *DAMOP*. Pennsylvania State University, State College, PA.
- Wei, Rui** (2007) Design and Performance of Reaction Plane Detector in PHENIX. *APS Division of Nuclear Physics, Fall Meeting*. Newport News, VA.
- Wei, Rui** (2008) Azimuthal Anisotropy Measurement of Neutral Pions in 200GeV AuAu Collisions at PHENIX. *APS April Meeting*. St. Louis, MO.

❖ Post-Doctorates Obtained And Professional Appointments

- Dusling, Kevin**. (2007) Research Associate. *Brookhaven National Laboratory*, Upton, NY.
- Holt, Jeremy**. (2007) Postdoctoral Research Assistant. *Technical University of Munich*, Garching, Germany.
- Sun, Tao**. (2007) Postdoc. *SISSA*, Trieste, Italy.

PHYSIOLOGY AND BIOPHYSICS

GRADUATE DIRECTOR: SUZANNE SCARLATA (PH.D.)
IRENE SOLOMON (M.A.)
DEPARTMENT CHAIR: PETER BRINK

❖ Grants, Fellowships, and Awards

Warren, Kelly. (2007) AAAS/Science Program for Excellence in Science. *State University of New York at Stony Brook*, Stony Brook, NY.

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

Warren, K.A. and I.C. Solomon. (2007) Activation of non-NMDA receptors participates in the reduction of inspiratory neural network complexity during gasping in arterially-perfused adult rat. *Experimental Biology Meeting, FASEB J Program No. 611.11*. Washington D.C.

Warren, K.A. and I.C. Solomon. (2007) Influence of blockade of glutamate reuptake on phrenic nerve discharge in arterially-perfused adult rat. *Society for Neuroscience*. San Diego, CA.

Lin, R., **K.A. Warren**, X. Chen, and I.C. Solomon. (2007) Modulation of temporal and spectral characteristics in phrenic nerve discharge by activation of NK1 receptors in arterially-perfused adult rat. *Experimental Biology Meeting, FASEB J Program No. 611.12*. Washington D.C.

Lin, R., **K.A. Warren**, X. Chen, and I.C. Solomon. (2007) Influence of NK1 receptor activation on gasping in arterially-perfused adult rat. *Society for Neuroscience Meeting*. San Diego, CA.

Shen, T., **K.A. Warren**, MN Rodriguez, and I.C. Solomon. (2007) Influence of temperature on spectral dynamics underlying phrenic nerve discharge in an arterially-perfused adult rat. *Society for Neuroscience*. San Diego, CA.

Solomon, I.C., A. Birzgalis, **K.A. Warren**, and L.C. Moore. (2007) Experimental techniques in systems physiology: A graduate laboratory course. *Experimental Biology Meeting, FASEB J Program No. 479.5*. Washington, D.C.

Warren, K.A. and I.C. Solomon. (2008) Activation of ionotropic excitatory amino acid (EAA) receptors modulates both eupnea and gasping in the arterially-perfused adult rat preparation. *Experimental Biology Meeting, Trainee Highlights in Respiration Physiology*. San Diego, CA.

Warren, K.A. and I.C. Solomon. (2008) Activation of ionotropic excitatory amino acid (EAA) receptors modulates both eupnea and gasping in the arterially-perfused adult rat preparation. *Experimental Biology Meeting, FASEB J Program No. 755.3*. San Diego, CA.

Bale, T.A., **K.A. Warren**, and I.C. Solomon. (2008) Activation of 5HT_{2A} receptors alters temporal and spectral characteristics of phrenic nerve discharge in arterially-perfused adult rat. *Experimental Biology Meeting, FASEB J Program No. 954.7*. San Diego, CA.

Shen, T., M.H. Perkins, **K.A. Warren**, and I.C. Solomon. (2008) Influence of extracellular [K⁺] on inspiratory-phase synchronization in arterially-perfused adult rat. *Experimental Biology Meeting, FASEB J Program No. 755.8*. San Diego, CA.

O.N. Poole, H. Yu, **K.A. Warren**, and I.C. Solomon. (2008) Doublet and triplet gasps in urethane-anesthetized neonatal rat. *Experimental Biology Meeting, FASEB J Program No. 955.11*. San Diego, CA.

Warren, K.A. (2007) Activation on non-NMDA receptors participates in the reduction of inspiratory neural network complexity during gasping in arterially-perfused adult rat. *Experimental Biology Meeting, Presentation at Satellite Symposium on Hot Topics in Neural Control of Breathing*. Washington, D.C.

POLITICAL SCIENCE

GRADUATE DIRECTOR: MATTHEW LEBO
DEPARTMENT CHAIR: JEFFREY SEGAL

❖ Grants, Fellowships, and Awards

- Carey Jr., Tony.** (2007-8) Erskine Peters Dissertation Fellowship, \$27,000. *University of Notre Dame*, South Bend, IN.
- Erisen, Cengiz.** (2008) Roper Fellow Award, \$720. *American Association for Public Opinion Research*, Lenexa, KS.
- Erisen, Cengiz.** (2008) Prestage-Cook Travel Award, \$250. *Southern Political Science Association*, Statesboro, GA.
- Erisen, Cengiz.** (2008) Graduate Student Travel Grant, \$250. *International Studies Association*, Tucson, AZ.
- Erisen, Cengiz.** (2007) Graduate Student Travel Grant, \$350. *International Society of Political Psychology*, Syracuse, NY.

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

- Carey Jr., Tony.** (2008) United We Stand, Divided We Fall. *39th Annual National Conference of Black Political Scientists*. Chicago, IL.
- Carey Jr., Tony.** (2008) Campaign Messages and the Prospects for Black-Latino Electoral Alliances. *66th Annual National Conference of the Midwest Political Science Association*. Chicago, IL.
- Carey Jr., Tony.** (2008) Redefining (Black) America: Socio-Economic Variance in the Black Community. *5th Annual Erskine A. Peters Fellowship Symposium*. South Bend, IN.
- Erisen, Cengiz, Lodge, M. & Taber, C.S.** (2008) The Role of Affect in Political Deliberation. *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Erisen, Cengiz.** (2008) The Value of Emotions in Presidential Rhetoric. *Annual Meeting of the International Studies Association*. San Francisco, CA.
- Erisen, Cengiz.** (2008) Democratic Stability in Divided Societies: An Empirical Examination. *Annual Meeting of the Southern Political Science Association*. New Orleans, LA.
- Erisen, Cengiz, Lodge, M. & Taber, C.S.** (2007) The Role of Automatic Affect in Political Deliberation. *Annual Meeting of the American Political Science Association*. Chicago, IL.
- Erisen, Cengiz, Lodge, M. & Taber, C.S.** (2007) The Role of Affect in How People Think and Reason about Political Events and Public Policy. *Annual Meeting of the International Society of Political Psychology*. Portland, OR.
- Mason, Lilliana Hall and **Naser Javaid.** (2008) Party Power and Moral Issues in Congress: A Realignment of Party Interests. *Annual Meeting of the Midwest Political Science Association*. Chicago, IL.
- Key, Ellen, Cann, D., and Fleischmann, A.** (2007) State vs. Local Influences on Turnout and Rolloff in an Open Primary. *Annual Meeting of the American Political Science Association*, Chicago, IL.
- Key, Ellen, Coggins, E., and McMeekin, C.** (2008) Fail to the Chief: The Effect of Failed Presidential Primary Bids on Congressional Re-Election Campaigns. *Annual Meeting of the Southern Political Science Association*. New Orleans, LA.

Political Science

- Lizotte, Mary-Kate.** (2007) Feminist Consciousness and War Support. *Annual Meeting of the American Political Science Association.* Chicago, IL.
- Lizotte, Mary-Kate.** (2008) Explaining the Gender Gap in Political Knowledge. *Annual Meeting of the Midwest Political Science Association.* Chicago, IL.
- Lizotte, Mary-Kate.** (2008) The Gender Gap in Support for Military Intervention. *Annual Meeting of the Midwest Political Science Association.* Chicago, IL.
- Huddy, L. and **Lilliana Hall Mason.** (2007) Seeing Red, Feeling Blue: The Emotional Basis of Partisan Polarization. *Annual Meeting of the International Society of Political Psychology.* Portland, OR.
- Mason, Lilliana Hall** and Naser Javaid. (2008) Party Power and Moral Issues in Congress: A Realignment of Party Interests. *Annual Meeting of the Midwest Political Science Association.* Chicago, IL.
- Huddy, L. and **Lilliana Hall Mason.** (2008) Partisan Identity, Political Threat, and Electoral Mobilization. *Annual Meeting of the International Society of Political Psychology.* Paris, France.
- Huddy, L. and **Lilliana Hall Mason.** (2008) The Emotional Basis of Political Mobilization. *Annual Meeting of the American Political Science Association.* Boston, MA.
- Parker, Christopher.** (2008) Do Term Limits Matter? The Case of Gubernatorial Economic Policy. *Annual Meeting of the Midwest Political Science Association.* Palmer House Hilton, Chicago, IL.
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PSYCHOLOGY

GRADUATE DIRECTOR: ARTHUR SAMUEL
DEPARTMENT CHAIR: NANCY SQUIRES

❖ Grants, Fellowships, And Awards

- Acevedo, Bianca.** (2008) Diversity Program in Neuroscience Postdoctoral Fellowship, \$36,999. *American Psychological Association (initiative funded through NIMH)*, Washington, D.C.
- Eubanks-Carter, Catherine.** (2007) Dissertation award, \$1000. *Society for the Exploration of Psychotherapy Integration*, Boston, MA.
- Eubanks-Carter, Catherine.** (2007) Edward S. Bordin Memorial Award for Best Student Paper. *North American Society for Psychotherapy Research*, Madison, WI.
- Congdon, Eliza.** (2007) Ruth L. Kirschstein National Research Service Award, \$22,830. *National Institute of Mental Health*, Bethesda, MD.
- Congdon, Eliza.** (2007) Graduate Student Travel Award, \$750. *Society for Neuroscience and the Committee on Women in Neuroscience*, Washington, D.C.
- Congdon, Eliza.** (2007) Graduate Student Travel Award, \$500. *International Society for Research on Impulsivity*, Houston, TX.
- Hamilton, Jada.** (2008) SBM Young Scholar Travel Award for Women and Cancer Research, \$1300. *Society of Behavioral Medicine and the National Cancer Institute Office of Women's Health*, Milwaukee, WI.
- MacNamara, Annmarie.** (2008) Health Emotions Research Institute Symposium Fellow, Travel Grant. *Health Emotions Research Institute, University of Wisconsin-Madison*, Madison, WI.
- Olvet, Doreen.** (2007) RSA Student Merit Meeting Award. *Research Society on Alcoholism*, Austin, TX.
- Starr, Lisa.** (2007) Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship, \$63,132 over 2 years. *National Institute of Mental Health*, Bethesda, MD.
- Starr, Lisa.** (2007) APA Dissertation Award, \$1,000. *American Psychological Association*, Washington, D.C.
- Tetenbaum, Samara Pulver.** (2008) Jonathan Levin Memorial Scholarship and Professional Award, \$750. *Foundation for Educating Children with Autism*, Mt. Kisco, NY.
- Yoneda, Athena.** (2007) Grants-in-Aid Award, \$1,000. *Society for Psychological Study of Social Issues*, Washington, D.C.
- Yoneda, Athena.** (2008) Roy Scrivner Memorial Research Grant, \$1,000. *American Psychological Foundation*, Washington, D.C.

❖ Singly Authored Publications/Research Reports/Reviews

- Rhoades, K. A.** (in press) Children's responses to interparental conflict: A meta-analysis their associations with child adjustment. *Child Development*.

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

- Aron, A., Fisher, H., Strong, G, **Acevedo, B.**, Riela, S., & Tsapelas, I. (2008) Falling in love. In: S. Sprecher, A. Wenzel, & J. Harvey (Eds.), *Handbook of relationship initiation*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Rajaram, S., & **Barber, S.J.** (in press) Retrieval processes in memory. In H.L. Roediger, III (Ed.), *Cognitive psychology of memory*. Vol. 2 of Learning and memory: A comprehensive reference, 4 vols. (J.Byrne, Editor). Oxford: Elsevier.
- Blumen, H.M.**, & Rajaram, S. (2008) Influence of re-exposure and retrieval disruption during group collaboration on later individual recall. *Memory 16* (3): 231-244.
- Nemeroff, R., Levitt, J. M., Faul, L.& WonPat-Borja, A. J., **Bufferd, S. J.**, Setterberg, S., & Jensen, P. S. (2008) Establishing ongoing, early identification programs for mental health problems in our schools: A feasibility study. *Journal of the American Academy of Child and Adolescent Psychiatry 47*: 328-338.
- Lobel, M., Hamilton, J. G., & **Cannella, D. T.** (in press) Psychosocial perspectives on pregnancy: Prenatal maternal stress and coping. *Social & Personality Psychology Compass*.
- Westerman, M.A., & **Eubanks-Carter, C.**, Ziebert, N.C., Jeffries, E., & Cosgrove, T.J. (2007) Method for examining children's beliefs about the functional role played by defensive interpersonal behavior. *British Journal of Developmental Psychology 25*: 293-311.
- Safran, J., & **Eubanks-Carter, C.**, & Muran, J.C. (in press) Emotion-focused/interpersonal cognitive therapy. In N. Kazantzis, M. A. Reinecke, & A. Freeman (Eds.), *Cognitive behavior therapy: Using theory and philosophy to strengthen science and practice*. New York: Guilford.
- Muran, J.C., & **Eubanks-Carter, C.** (in press) A relational approach to the treatment of personality dysfunction. In J.J. Magnavita (Ed.), *Evidence-based treatment of personality dysfunction: Principles, methods, and processes*. Washington, D.C.: American Psychological Association.
- Canli, T., **Congdon, E.**, Constable, R.T., & Lesch, K.P. (in press) Additive effects of serotonin transporter and tryptophan hydroxylase-2 gene variation on neural correlates of affective processing. *Biological Psychology*.
- Dougherty, L.R.**, Klein, D.N., Olino, T.M., & Laptook, R.S. (2008) The assessment of depression in children and adolescents. In J. Hunsley & E.J. Mash (Eds.), *A Guide To Assessments That Work*. New York: Guilford Press
- Klein, D.N., **Dougherty, L.R.**, Laptook, R.S., & Olino, T.M. (in press) Temperament and risk for depression in early adolescence. In N. B. Allen & L. Sheeber (Eds.), *Adolescent Emotional Development and the Emergence of Depressive Disorders*. London, England: Oxford University Press.
- Hajcak, G., **Dunning, J.**, & Foti, D. (2007) Neural response to emotional pictures is unaffected by concurrent task difficulty: An event-related potential study. *Behavioral Neuroscience 121*(6): 1156-1162.
- Glenn, C. R.**, & Klonsky, E. D. (in press) Emotion dysregulation as a core feature of borderline personality disorder. *Journal of Personality Disorders*.
- Klonsky, E. D., & **Glenn, C. R.** (in press) Psychosocial risk and protective factors for self-injury. In M. K. Nixon & N. Heath (Eds.), *Self-injury in youth: The essential guide to assessment and intervention*. New York: Routledge Press.
- Klonsky, E. D., & **Glenn, C. R.** (in press) Resisting urges to self-injure. *Behavioural and Cognitive Psychotherapy*.
- Lun, J., Sinclair, S., Whitchurch, E. R. & **Glenn, C.R.** (2007) (Why) do I think what you think? Epistemic social tuning and implicit prejudice. *Journal of Personality and Social Psychology 93*: 957-972.

- Gregg, M. K.,** & Samuel, A. G. (in press) Change Deafness and the Organizational Properties of Sounds. *Journal of Experimental Psychology: Human Perception and Performance*.
- Foran, H.,** & Slep, A. M. S. (2007) Validation of a Self-Report Measure of Unrealistic Relationship Expectations. *Psychological Assessment, 19*(4): 382-396.
- Hajcak, G., Dunning, J., & **Foti, D.** (2007) Neural response to emotional pictures is unaffected by concurrent task difficulty: An event-related potential study. *Behavioral Neuroscience 121*(6): 1156-1162.
- Hajcak, G., & **Foti, D.** (2008) Errors Are Aversive: Defensive Motivation and the Error-Related Negativity. *Psychological Science 19* (2): 103-108.
- Hajcak, G., & **Foti, D.** (in press) Deconstructing Reappraisal: Descriptions Preceding Arousing Pictures Modulate the Subsequent Neural Response. *Journal of Cognitive Neuroscience*.
- Lobel, M., **Hamilton, J. G.,** & Cannella, D. T. (in press) Psychosocial perspectives on pregnancy: Prenatal maternal stress and coping. *Social & Personality Psychology Compass*.
- Hamilton, J. G.** & Lobel, M. (in press) Types, patterns, and predictors of coping with stress during pregnancy: Examination of the Revised Prenatal Coping Inventory in a diverse sample. *Journal of Psychosomatic Obstetrics and Gynecology*.
- Jose, A.** & O'Leary, K.D. (in press) Prevalence of partner aggression in community and representative samples. In K.D. O'Leary & E. Woodin (Eds.), *Understanding Psychological and Physical Aggression in Couples: Existing Evidence & Clinical Implications*. Washington, D.C.: American Psychological Association.
- Knapp, S.,** & Moyer, A. (in press) Visibility and the Stigmatization of Cancer: Context Matters. *Journal of Applied Social Psychology*.
- Klonsky, E.D. & **Laptook, R.S.** (2007) "Dobby had to iron his hands, sir!": Self-inflicted cuts, burns, and bruises in Harry Potter. In N. Mulholland (Ed.), *The Psychology of Harry Potter: An Unauthorized Examination of the Boy Who Lived (Psychology of Popular Culture Series)*. Dallas, TX: Benbella Books.
- Dougherty, L.R., Klein, D.N., Olino, T.M., & **Laptook, R.S.** (2008) The assessment of depression in children and adolescents. In J. Hunsley & E.J. Mash (Eds.), *A Guide To Assessments That Work*. New York: Guilford Press.
- Klein, D.N., Dougherty, L.R., **Laptook, R.S.,** & Olino, T.M. (in press) Temperament and risk for depression in early adolescence. In N. B. Allen & L. Sheeber (Eds.), *Adolescent Emotional Development and the Emergence of Depressive Disorders*. London, England: Oxford University Press.
- Laptook, R.S.,** Klein, D.N., Durbin, C.E., Hayden, E.P., Olino, T.M., & Carlson, G. (2008) Differentiation between low positive affectivity and behavioral inhibition in preschool-age children: A comparison of behavioral approach in novel and non-novel contexts. *Journal of Personality and Individual Differences 44*: 758-767.
- Gispert, J., Pascau, J., **Michaelides, M.,** Soto-Montenegro, M., Desco, M., Wang, G., Volkow, N.D., & Thanos, P.K. (in press) Automated method for small-animal PET image registration with intrinsic validation. *Molecular Imaging & Biology* .
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❖ **Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops**

- Acevedo, B.** (2007) *Functional Magnetic Resonance Imaging Operators Training*. Center for Brain Imaging, New York University, New York, NY. (workshop)
- Acevedo, B.** (2008) The neural basis of long-term romantic love. *9th Annual Meeting of the Society for Personality and Social Psychology*. Albuquerque, NM.
- Acevedo, B.** (2008) *Summer Program in Neuroscience, Ethics, and Survival*. Marine Biological Laboratory, Woodshole, MA. (workshop)
- Franklin, N., Barber, S.J., **Allen, S.**, & Gordon, R. (2007) Social and Emotional Aspects of Source Monitoring. *Psychonomic Society, 48th Annual Meeting*. Long Beach, CA.
- Barber, S.J.**, Rajaram, S., & Marsh, E.J. (2007) Distinguishing Among Remembered, Familiar, and Just Known Memories: An Experimental Analysis. *Psychonomic Society, 48th Annual Meeting*. Long Beach, CA.

- Franklin, N., **Barber, S.J.**, Allen, S., & Gordon, R. (2007) Social and Emotional Aspects of Source Monitoring. *Psychonomic Society, 48th Annual Meeting*. Long Beach, CA.
- Barber, S.J.**, Rajaram, S., & Marsh, E.J. (2007) Remembering, Knowing, and Just Knowing: Changes over time. *European Society for Cognitive Psychology, 15th Annual Meeting*. Marseille, France.
- Barber, S.J.**, Gordon, R., & Franklin, N. (2007) Self-Relevance: Facilitation and Distortion in Source Memory. *American Psychological Society, 19th Annual Meeting*. Washington, D.C.
- Blackshear, A.** (2007) Characterization of Transgenic Mice Expressing Swedish/Dutch/Iowa Vasculotropic Mutant Human Amyloid β - Protein Precursor in Brain (Tg-SwDI) in Operant Tests of Spatial and Non-Spatial Learning and Memory. *The Society for Neuroscience Annual Conference*. San Diego, CA.
- Tetenbaum, S. P., Nichols, S., **Blakeley-Smith, A.**, Hepburn, S., & Reaven, J. (2008) Sexuality, Puberty, and Growing Up... Evaluating the Effectiveness of a Group Psycho-Education Curriculum for Parents of Youth with ASDs. *Annual International Meeting for Autism Research*. London, UK.
- Blumen, H. M.**, & Rajaram, S. (2007) Individual and Group Retrieval Efforts Modulate later Individual Memory. Talk presented (as part of a symposium titled: Toward a Cognitive Psychology of Collective Memory: Methods, Data and Theories.) *Annual Meeting of the Psychonomic Society*. Long Beach, CA.
- Blumen, H.M.** & Rajaram, S. (2007) Effects of Group Collaboration and Repeated Retrieval on Individual Memory. Poster presented at the joint meeting of the *Experimental Psychology Society* and the *Psychonomic Society*. Edinburgh, UK.
- Bufferd, S. J.**, Dougherty, L. R., Klein, D. N., & Carlson, G. A. (2008) Psychopathology in preschoolers: Prevalence and validity in a community sample. *Association for Psychological Science*. Chicago, IL.
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- Dowling, C. B.**, Slep, A., & O'Leary, S. G. (2007) The Relations Between Proactive Parenting and Children's Misbehavior and Negative Affect. *ABCT Preconference Meeting: Social Learning and the Family*. Philadelphia, PA.
- Eubanks-Carter, C.** (2007) Clinical consensus strategies for interpersonal problems. In C. Eubanks-Carter (Chair), Mining clinical wisdom: Innovative ways to bridge the gap between research and practice by involving clinicians in psychopathology and psychotherapy research. *Society for Psychotherapy Research*. Madison, WI.
- Sharf, J., **Eubanks-Carter, C.**, Muran, J.C., & Safran, J.D. (2007) Early rupture & resolution events in three psychotherapies. In J.C. Muran (Chair), Treatment outcome & rupture events in psychotherapy. *Society for Psychotherapy Research*, Madison, WI.
- Congdon, E.**, Sisante, J.-F., Marsan, N., Lesch, K.P., & Canli, T. (2007) Monoamine oxidase A gene promoter variation and negative life events interact to influence aggression, not impulsivity, in healthy adults. *Thirty-seventh Annual Meeting for the Society for Neuroscience*. San Diego, CA.
- Congdon, E.**, Constable, T., Lesch, K.-P., & Canli, T. (2007) A neurogenetic investigation of behavioral inhibition: Biological correlates of impulsivity in healthy adults. *2007 International Society for Research on Impulsivity Meeting*. New York, NY.
- Foti, D., Hajcak, G., & **Dunning, J.** (2007) Reconsidering Reappraisal: Descriptions Preceding Unpleasant Pictures Modulate the Amplitude of the Late Positive Potential. *Society for Psychophysiological Research*. Savannah, GA.

- Glenn, C. R.** & Klonsky, E. D. (2007) Emotion Dysregulation as a Core Feature of Borderline Personality Disorder. *Association for Behavioral and Cognitive Therapies 41st Annual Convention*. Philadelphia, PA. (poster)
- Glenn, C. R.** & Klonsky, E. D. (2008) The Social Context During Non-Suicidal Self-injury. *Society for Research on Adolescence 12th Biennial Meeting*. Chicago, IL.
- Grande, V. P.**, O’Leary, S. G., & Slep, A. M. S. (2007) Differential Prediction of Dysfunctional Child- and Parent-centered Attributions for Misbehavior. *41st Annual Association for the Behavioral and Cognitive Therapies Convention*. Philadelphia, PA.
- Gregg, M.K.**, & Samuel, A. G. (2007) Acoustic and Semantic Effects on Change Deafness and Auditory Object Encoding. *Annual Meeting of the Psychonomic Society*. Long Beach, CA.
- Gregg, M. K.**, & Samuel, A.G. (2007) Change deafness and the Organizational Properties of Sounds. *Annual meeting of the Cognitive Science Association for Interdisciplinary Learning*. Hood River, OR.
- Floyd, A.H.L.** & Moyer., A. (2008) Are we missing the boat? Breast cancer exercise interventions: A meta-analytic review. *Society of Behavioral Medicine annual meeting*. San Diego, CA.
- Foti, D.**, Hajcak, G., & Dunning, J. (2007) Reconsidering Reappraisal: Descriptions Preceding Unpleasant Pictures Modulate the Amplitude of the Late Positive Potential. *Society for Psychophysiological Research*. Savannah, GA.
- Kuhlen, A., **Galati, A.**, Brennan, S. (2008) Speakers’ Adjustments to a Distracted Audience: How Speakers’ Expectations and Addressees’ Feedback Shape Narrating and Gesturing. *Language, Communication and Cognition*. Brighton, UK.
- Kuhlen, A., **Galati, A.** (2008) Implications of Gesture-Speech Synchrony for Theories of Speech Production. *Gesture Focus Group Speaker Series* (Guest Speaker: Susan Duncan, University of Chicago). *Stony Brook University*, Stony Brook, NY.
- Hamilton, J. G.**, Lobel, M. & Cuda, V. S. (2008) Passing years, changing fears: Women’s disease risk perceptions across age. *Annual meeting of the American Psychological Association*. Boston, MA.
- Hamilton, J. G.**, Lobel, M., & Moyer, A. (2008) Genetic testing for hereditary breast and ovarian cancer and emotional distress: A meta-analytic review. *Annual meeting of the Society of Behavioral Medicine*. San Diego, CA.
- Hamilton, J. G.** & Lobel, M. (2008). Older and wiser? Factors associated with disease risk perceptions in older and younger women. *Annual meeting of the Society for Personality and Social Psychology*. Albuquerque, NM.
- Hau, C.L.V.**, Yi, Y., Squires, N., & Leung, H-C (2007) An Event-related Potential (ERP) Study of Unintentional Processing of Human Faces and Expressions. *Annual meeting of the Society for Neuroscience*. San Diego, CA. (poster)
- Hunt, A.N.**, Heyman, R.E., & Slep, A.M.S. (2007) Desired Change in Couples: Gender Differences and Communication. *41st annual meeting of the Association for Behavioral and Cognitive Therapies*. Philadelphia, PA. (poster)
- Knapp, S.**, Moyer, A., Grella, M., & Valerus, K. (2008) Perceptions of responsibility for disease contraction predict willingness to allocate funding to lung cancer treatment programs. *Society of Behavioral Medicine Annual Meeting & Scientific Sessions*. San Diego, CA. (poster)
- Kuhlen, A.**, & Seyfeddinipur, M. (2008) From Speaker to Speaker: Repeated Gestures across Speakers. *Berlin Gesture Center*. Berlin, Germany.
- Kuhlen, A.**, Brennan, S. (2008) Anticipating Distracted Addressees: How Speakers’ Expectations and Addressees’ Feedback Influence Storytelling. *International Congress of Psychology*. Berlin, Germany. (poster)

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- Jagiellowicz, J., Xu, X., Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X.** (2007) Noticing the Little Things: Does Sensory Processing Sensitivity moderate brain activation during visual perception? *Society for Neuroscience Conference*. San Diego, CA.
- Jagiellowicz, J., Xu, X., Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X.** (2007) Sensory Processing Sensitivity and Neural Activation during Perceptual Tasks. *115th American Psychological Association Conference*. San Francisco, CA.
- Jagiellowicz, J., Xu, X., Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X.** (2008) Noticing more: Sensory Processing Sensitivity moderates brain activation during visual perception. *Ninth Annual Meeting of the Society for Personality and Social Psychology*. Albuquerque, NM.
- Jagiellowicz, J., Xu, X., Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X.** (2008) Quickly noticing everything: Sensory processing sensitivity moderates brain activation when judging visual differences. *Society for Neuroscience Annual Meeting*. Albuquerque, NM.
- Jagiellowicz, J., Xu, X., Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X.** (2007) Noticing the little things: Does sensory processing sensitivity moderate brain activation during visual perception? *37th Society for Neuroscience Annual Meeting*. San Diego, CA.
- Jagiellowicz, J., Xu, X., Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X.** (2007) Sensory Processing Sensitivity and Neural Activation during Perceptual Tasks. *115th American Psychological Association Meeting*. San Francisco, CA.
- Jose, A., O'Leary, K.D., & Moyer, A.** (2007) Does premarital cohabitation predict subsequent marital stability and marital quality? A meta-analysis. *Annual meeting of the Association of Behavioral and Cognitive Therapy*. Philadelphia, PA.
- Michaelides, M., Davis, L.M., Pei, Z., Watkins, P.A., Cheskin, L.J., Contoreggi, C., Moran, T.H., Wang, G.J., Volkow, N.D., & Thanos, P.K.** (2007) Effects of Long-term Food Restriction and Aging on Markers of Non-Alcoholic Fatty Liver Disease (NAFLD) in Obese (fa/fa) and Lean Zucker Rats. *Obesity Supplement 15 (9): A124 North American Association for the Study of Obesity Annual Meeting*. New Orleans, LA.
- Michaelides, M., Piyis, Y.K., Pate, I U.B., Ramalhete, R., Shustarovich, D., Gopez, V., Robison, L., Wang, G.J., Volkow, N.D., & Thanos, P.K.** (2007) Age and diet-related changes of striatal Dopamine D2R receptor (D2R) binding in obese (Ob) (fa/fa) and lean (Le) Zucker rats revealed by positron emission tomography (μ PET) and autoradiography (ARG) Part III (1 - 24 months). *Society for Neuroscience Annual Meeting*. San Diego, CA.
- Davila, J., Starr, L. R., Yoneda, A., Stroud, C. B., & Miller, M. R.** (2008) Associations between romantic involvement, sexual activity, and depressive symptoms among early adolescent girls. *Society for Research on Adolescence*. Chicago, IL.
- Olvet, D.M., Fitzsimmons, C., Chang, J., Wang, G.J., Volkow, N.D., & Thanos, P.K.** (2007) Ethanol intake in Wistar Kyoto rats during chronic mild stress. *Annual Meeting of the Research Society on Alcoholism*. Chicago, IL.
- Olvet, D.M.** (2008) *What can I do with a Masters in Psychology?* Teachers College, Columbia University, New York, NY.
- Yang, Y., Oh, H., Leung, H-C, & Zelinsky, G.** (2008) An effect of WM load on visual search guidance: Evidence from eye movements and functional brain imaging. *2008 Vision Sciences Society Annual Meeting*. Naples, FL.

- Oh, H.,** Raynnavar, A., & Leung, H-C (2007) The Effect of Pronunciation Length in Visual Object Working Memory. *Annual Meeting of the Society for Neuroscience*. San Diego, CA.
- Pachankis, J.E.,** (2008). Integrating sexual minority issues into clinical psychology graduate training. Paper presented at the *Council of University Directors of Clinical Psychology Midwinter Meeting*. San Antonio, TX.
- Pachankis, J.E.,** & Goldfried, M. (2007). Disclosing gay-related stress: Psychological and physical health effects and mechanisms underlying improvement. *Society for the Exploration of Psychotherapy Integration*. Lisbon, Portugal.
- Pachankis, J.E.,** & Goldfried, M. (2007) The effectiveness of a written disclosure intervention for coping with gay-related stress. *Society for Psychotherapy Research*. Madison, WI.
- Rhoades, K. A.** (2007) Children's responses to interparental conflict and internalizing and externalizing behavior problems: A meta-analysis. *Biennial meeting for the Society for Research in Child Development*. Boston, MA.
- Rhoades, K. A.,** & O'Leary, S. G. (2007) Factor structure and validity of the Parenting Scale. *Biennial meeting for the Society for Research in Child Development*. Boston, MA.
- Fivecoat, H.C., **Rodden, J.M.,** & Aron, A. (2008) Development of the self-expansion opportunity measure. *International Association for Relationships Research Biannual Meeting*. Providence, RI. (poster)
- Katz, S., **Rodden, J.M.,** Aron, E.N., & Aron, A. (2008) Situational and dispositional influences on accessibility of love and power. *Society for Personality and Social Psychology Annual Meeting*. Albuquerque, NM. (poster)
- Rodden, J.M.** (2007) Self-regulation and goals course. *Summer Institute in Social Psychology, Workshop sponsored by the National Science Foundation*. Austin, TX.
- Rodden, J.M,** & Aron, A. (2008) Inclusion of the self in the other: A key construct for perceived partner regard. *International Association for Relationships Research Biannual Meeting, Symposium*. Providence, RI.
- Rodden, J.M,** & Aron, A. (2008) From inclusion of the self in the other to relationship satisfaction, via perceived partner responsiveness. *Society for Personality and Social Psychology Annual Meeting*. Albuquerque, NM. (poster)
- Friedberg, F. & **Sohl, S.** (2008) Cognitive-behavior therapy in Chronic Fatigue Syndrome: Is improvement related to increased physical activity? *Society of Behavioral Medicine 29th Annual Meeting and Scientific Sessions*. San Diego, CA.
- Starr, L.R.,** & Davila, J. (2007) Excessive Reassurance Seeking and Depression: A Meta-Analytic Review. *Annual Meeting of the Association of Behavioral and Cognitive Therapies*. Philadelphia, PA.
- Davila, J., **Starr, L. R.,** Yoneda, A., Stroud, C. B., & Miller, M. R. (2008) Associations between romantic involvement, sexual activity, and depressive symptoms among early adolescent girls. *Society for Research on Adolescence*. Chicago, IL.
- Stroud, C. B.,** & Davila, J. (2008) Pubertal timing and depressive symptoms in early adolescents: The roles of romantic competence and romantic experiences. *Biennial Meeting of the Society for Research on Adolescence*. Chicago, IL. (poster)
- Davila, J., Starr, L. R., Yoneda, A., **Stroud, C. B.,** & Miller, M. R. (2008) Associations between romantic involvement, sexual activity, and depressive symptoms among early adolescent girls. *Society for Research on Adolescence*. Chicago, IL
- Nichols, S., **Tetenbaum, S. P.** (2008) Growing up with Autism: Developing a Healthy Sexuality Curriculum for Teens and Young Adults. *Annual Meeting of the Autism Society of America*. Orlando, FL.

- Tetenbaum, S. P.**, Nichols, S., Blakeley-Smith, A., Hepburn, S., & Reaven, J. (2008) Sexuality, Puberty, and Growing Up... Evaluating the Effectiveness of a Group Psycho-Education Curriculum for Parents of Youth with ASDs. *Annual International Meeting for Autism Research*. London, UK.
- Tsapelas, I.**, Aron, A. & Orbuch, T. (2008) Predicting satisfaction from relationship engagement over 9 years in African-American and White couples. *Annual meeting of the Society for Personality and Social Psychology*. Albuquerque, NM.
- Tsapelas, I.**, Fisher, H., & Aron, A. (2007) Romantic Love in American and Japan. *Annual Meeting of the Society for Personality and Social Psychology*. Memphis, TN.
- Xu, X.**, Aron, A., Fisher, H., Brown, L.L., Cao, G., Feng, T., & Weng, X. (2007) Reward/Motivation systems associated with early stage romantic love in Chinese students: An fMRI study. *Annual meeting of the Neural Systems of Social Behavioral*. Austin, TX.
- Xu, X.**, Aron, A., Fisher, H., Brown, L.L., Cao, G., Feng, T., & Weng, X. (2008) Neural correlates of early-stage intense romantic love in Chinese participants and the influence of traditionality and modernity. *Society for Personality and Social Psychology Conference*. Albuquerque, NM.
- Jagiellowicz, J., **Xu, X.**, Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X. (2007) Noticing the Little Things: Does Sensory Processing Sensitivity moderate brain activation during visual perception? *Society for Neuroscience Conference*. San Diego, CA.
- Jagiellowicz, J., **Xu, X.**, Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X. (2007) Sensory Processing Sensitivity and Neural Activation during Perceptual Tasks. *115th American Psychological Association Conference*. San Francisco, CA.
- Jagiellowicz, J., **Xu, X.**, Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X. (2008) Noticing more: Sensory Processing Sensitivity moderates brain activation during visual perception. *Ninth Annual Meeting of the Society for Personality and Social Psychology*. Albuquerque, NM.
- Jagiellowicz, J., **Xu, X.**, Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X. (2008) Quickly noticing everything: Sensory processing sensitivity moderates brain activation when judging visual differences. *Society for Neuroscience Annual Meeting*. Albuquerque, NM.
- Jagiellowicz, J., **Xu, X.**, Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X. (2007) Noticing the little things: Does sensory processing sensitivity moderate brain activation during visual perception? *37th Society for Neuroscience Annual Meeting*. San Diego, CA.
- Jagiellowicz, J., **Xu, X.**, Aron, A., Aron, E., Cao, G., Feng, T., & Weng, X. (2007) Sensory Processing Sensitivity and Neural Activation during Perceptual Tasks. *115th American Psychological Association Meeting*. San Francisco, CA.
- Yang, H.**, & Zelinsky, G. (2007) Visual memory or visual features coded verbally? And effect of working memory load on guidance during visual search. *Abstracts of the 7th Annual Meeting of the Vision Sciences Society* (p. 205). Sarasota, FL.
- Yang, Y.**, Oh, H., Leung, H-C, & Zelinsky, G. (2008) An effect of WM load on visual search guidance: Evidence from eye movements and functional brain imaging. *2008 Vision Sciences Society Annual Meeting*. Naples, FL.
- Hau, C.L.V., **Yi, Y.**, Squires, N., & Leung, H-C (2007) An Event-related Potential (ERP) Study of Unintentional Processing of Human Faces and Expressions. *Annual meeting of the Society for Neuroscience*. San Diego, CA. (poster)
- Davila, J., **Yoneda, A.**, Starr, L. R., Miller, M. R., & Stroud, C. B. (2008) Emotion in the context of a positive parent-adolescent interaction: Associations with attachment security. *Society for Research on Adolescence*. Chicago, IL.

Psychology

Davila, J., Starr, L. R., **Yoneda, A.**, Stroud, C. B., & Miller, M. R. (2008) Associations between romantic involvement, sexual activity, and depressive symptoms among early adolescent girls. *Society for Research on Adolescence*. Chicago, IL.

❖ Internships Appointments

Foran, Heather. (2008-2009) Psychology Intern. *Northport Veterans Medical Center*, Northport, NY.

Miller, M. R. (2008-2009) APA-Accredited Predoctoral Psychology Intern. *The Manhattan Campus of the VA New York Harbor Health Care System*. New York, NY.

Stroud, Catherine. (2008-2009) Intern. *UW-Madison-Department of Psychiatry*, Madison, WI.

❖ Post-Doctorates Obtained And Professional Appointments

Acevedo, Bianca. (2008) Postdoctoral research fellow. Department of Neuroscience, *Albert Einstein College of Medicine*, Bronx, NY.

Eubanks-Carter, Catherine. (2007-present) Postdoctoral fellow. Brief Psychotherapy Research Program, Department of Psychiatry, *Beth Israel Medical Center*, New York, NY.

Congdon, Eliza. (2008) Postdoctoral scholar. Program in Neurobehavioral Genetics, and Department of Psychology. *University of California, Los Angeles*, Los Angeles, CA.

Knapp, Sarah. (2008) Visiting Assistant Professor of Psychology. Psychology and Education Department, *Mount Holyoke College*, South Hadley, MA.

Pachankis, John. (2008) Assistant Professor. Department of Psychology, *Ferkauf Graduate School of Psychology*, *Yeshiva University*, Bronx, NY.

SOCIAL WELFARE

GRADUATE DIRECTOR: JOEL BLAU

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

Linden, Pamela. & Cohen, S. (in press). A good friend: The role of peer networks in juvenile treatment courts, *Journal of Youth Development*.

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

Bonanno, Rebecca. (2008) Telling the Story: The Role of the Narrative in a Batterer Intervention Program. *Annual Meeting of the Society for the Study of Social Problems*, Boston, MA.

Gallogly, Carolyn. (2007) Medical Interactions as a Source of Stress for Spousal Caregivers. *Annual Scientific Meeting of the Gerontological Society of America*. San Francisco, CA.

SOCIOLOGY

GRADUATE DIRECTOR: TIMOTHY MORAN
DEPARTMENT CHAIR (ACTING): IAN ROXBOROUGH

❖ Grants, Fellowships And Awards

- Esparza, Louis Edgar.** (2007) W. Burghardt Turner Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.
- Esparza, Louis Edgar.** (2008) Tinker Field Research Grant, \$1,500. *Stony Brook University*, Stony Brook, NY.
- Esparza, Louis Edgar.** (2008) Finger Lakes Environmental Film Festival Fellowship, \$500. *Ithaca College*, Ithaca, NY.
- Esparza, Louis Edgar.** (2008) W. Burghardt Turner Conference Travel Grant, \$1,004. *Stony Brook University*, Stony Brook, NY.
- Kalish, Rachel.** (2008) The Rose Laub Coser Award for the best theory/and or research paper in gender studies, \$100. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Kennedy, Amanda.** (2008) The Rose Laub Coser Award for the best theory/and or research paper in gender studies, \$100. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Kutz-Flamenbaum, Rachel V.** (2007) Social Action, and Change Division Student Paper Award. *Society for the Study of Social Problems Conflict*, New York, NY.
- Sher, Anna.** (2008) The Hanan Selvin Award for the best quantitative and/or methodological paper, \$100. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Shor, Eran.** (2008) The David Street Award for best qualitative and/or theory paper, \$100. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Shor, Eran.** (2007) Best Graduate Student Paper Award, \$300. Section on Political Sociology, *American Sociological Association*, New York, NY.
- Shor, Eran.** (2007) Best Graduate Student Paper Award, \$300. Section on Sexuality, *American Sociological Association*, New York, NY.
- Smith, Richard Tyson.** (2008) The Mildred and Herbert Weisinger Dissertation Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.
- Smith, Richard Tyson.** (2008) Judith Tanur Sociology Dissertation Fellowship, \$2000. *Sociology Department*, *Stony Brook University*, Stony Brook, NY.
- Traver, Amy.** (2008) The Madeline Fusco Fellowship Award, \$5,000. *Stony Brook University*, Stony Brook, NY.
- Traver, Amy.** (2008) Judith Tanur Sociology Dissertation Fellowship, \$2000. *Sociology Department*, *Stony Brook University*, Stony Brook, NY.

❖ Singly Authored Publications/Research Reports/Reviews

- Curreli, Misty.** (in press) Global Care Work Chain. In J. O'Brien (Ed.), *Encyclopedia of Gender and Society*. Seattle University: SAGE Publications.
- Curreli, Misty.** (in press) Cosmetic Surgery. In J. O'Brien (Ed.), *Seattle Encyclopedia of Gender and Society*. Seattle University: SAGE Publications.

- Esparza, Louis Edgar.** (in press) Identity Formation in the World Trade Organization: Movements, Farm Subsidies, & Japan. *Societies Without Borders*.
- Kalish, Rachel.** (in press) Book Review of *Unexpected Allies: Men Who Stop Rape* by Todd Denny. *Journal of Men and Masculinities*.
- Kalish, Rachel.** (in press) Book Review of *Hooking Up: Sex, Dating and Relationships on Campus* by Kathleen A. Bogle. *Gender and Society*.
- Kutz-Flamenbaum, Rachel V.** (2007) Book Review of *Different Wavelengths* by Jo Reger. *Mobilization* 12:2.
- Muñoz, José A.** (2008) Protest and Human Rights Networks: The Case of the Zapatista Movement. *Sociological Compass* 2:1-14.
- Roelfs, David J.** (2008) Probabilistic Regression. In W.A. Darity, Jr. (Ed.), *International Encyclopedia of the Social Sciences, 2nd Edition* (pp. 482-484). Detroit: Macmillan Reference USA, Inc.
- Sher, Anna.** (in press) The Making of Capitalism in Post-Soviet Russia: Modern Corporate Reform and State-Led Development in Tatarstan. In Y. Atasoy (Ed.), *World Hegemonic Transformations, the State and Crisis in Neoliberalism*. London, UK: Routledge.
- Shor, Eran.** (2008) Conflict, Terrorism, and the Socialization of Human Rights Norms: The Spiral Model Revisited. *Social Problems* 55:117-138.
- Shor, Eran.** (in press) Utilizing Rights and Wrongs: Right-Wing, the "Right" Language, and Human Rights Discourse in the Gaza Disengagement. *Sociological Perspectives*.
- Shor, Eran.** (in press) Contested Masculinities: The New Jew and the Construction of Black and Palestinian Athletes in Israeli Media. *Journal of Sport and Social Issues*.
- Shor, Eran.** (2007) Review of *Arab Soccer in a Jewish State: The Integrative Enclave* by Tamir Sorek. *Israeli Sociology* 9:215-217. (Hebrew)
- Smith, Richard Tyson.** (in press) Passion Work: The Joint Production of Emotional Labor in Professional Wrestling. *Social Psychology Quarterly*.
- Smith, Richard Tyson.** (2008) Pain in the Act: The Meanings of Pain among Professional Wrestlers. *Qualitative Sociology* 31 (2):129-148.
- Smith, Richard Tyson.** (2008) Advertising. In W.A. Darity, Jr., (Ed.), *International Encyclopedia of the Social Sciences, 2nd Edition*, pp. 27-28. Farmington Hills, MI: Macmillan Reference.
- Traver, Amy.** (2007) Home(land) Décor: China Adoptive Parents' Consumption of Chinese Cultural Objects for Display in their Homes. *Qualitative Sociology* 30(3):201-220.
- Traver, Amy.** (2007) (Ap)parent Boundaries: Parents' Boundary-Work at Cultural Events for Families with Children Adopted from China. *Sociological Focus* 40(2):221-241.

❖ Jointly Authored Publications/Research Reports/Reviews

- Schwartz, M. and **Esparza, Louis Edgar.** (in press) Social Movements. In L. Wood, et al. (Ed.), *Teaching the Sociology of Collective Behavior and Social Movements: A Curriculum Guide (3rd edition)*. Washington, D.C.: American Sociological Association Teaching Resources Center.
- Schwartz, M. and **Esparza, Louis Edgar.** (2007) Social Movements. In M. Ender, et al. (Ed.), *Teaching the Sociology of Peace, War, and Military Institutions: A Curriculum Guide (4th edition)*. Washington, D.C.: American Sociological Association Teaching Resources Center.
- Dreby, J., **Esparza, Louis Edgar**, Levey, H., Masi de Casanova, E., Whooley, O., and Williamson, E. (2007) Discoveries: New and Noteworthy Research. *Contexts* 6(4):5-9.

- Esparza, Louis Edgar**, Levey, H., Masi de Casanova, E., Serhan, R., and Wooley, O. (2007) Discoveries: New and Noteworthy Research. *Contexts* 6(3):6-9.
- Smith, J., **Kutz-Flamenbaum, Rachel**, and Hausmann, C. (in press) Social Movement Networking in the U.S. Social Forum. *Societies Without Border* 3(1).
- Wosick-Correa, K. and **Joseph, Lauren**. (in press) Sexy Ladies Sexing Ladies: Women as Consumers in Strip Clubs. *The Journal of Sex Research*.
- Shandra, J. M., Shor, Eran, **Maynard, Gary**, and London, B. (in press) Debt, Structural Adjustment, and Deforestation: A Cross-National Study. *Journal of World-Systems Research*.
- Shandra, J. M., **Restivo, Michael**, and London, B. (2008) Non-Governmental Organizations and Deforestation: Reconsidering the Cross-National Evidence. *International Review of Modern Sociology* 34(1):109-132.
- Roelfs, David** and Zhou, Z. (2007) The Marriage of Markets and Intimacy? *Sociological Forum* 22(Dec):595-601.
- Shandra, J. M., **Shor, Eran**, and London, B. (2008) Debt, Structural Adjustment, and Organic Water Pollution: A Cross-National Analysis. *Organization and Environment* 21:38-55.
- Shandra, J. M., **Shor, Eran**, and London, B. (in press) World Polity, Unequal Ecological Exchange, and Organic Water Pollution: A Cross-National Analysis. *Human Ecology Review*.
- Shandra, J. M., **Shor, Eran**, Maynard, Gary, and London, B. (in press) Debt, Structural Adjustment, and Deforestation: A Cross-National Study. *Journal of World-Systems Research*.
- Rothman, B. and **Traver, Amy**. (in press) Transracial Adoption. In V. Parillo (Ed.), *The Encyclopedia of Social Problems*. Thousand Oaks, CA: Sage Publications.
- Roelfs, David and **Zhao, Zheng**. (2007) The Marriage of Markets and Intimacy? *Sociological Forum* 22(Dec):595-601.

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

- Baldermann, Diana**. (2008) Not in my River. Roadblocks and Contentious Action Against the Pulp Mills in Argentina and Uruguay. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Boussios, Emanuel**. (2008) An Ethnography on Police “Intimidation”: Are Citizen Police Intimidated? *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Cole, S. and **Boussios, Emanuel**. (2008) Citizens’ Reaction to War in the U.S.: A Study of Public Opposition in the Korean, Vietnam, Persian Gulf, and Iraq Wars. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Braksmajer, Amy S**. (2008) Vulvodynia: Intersections of Gender, Sexuality, and Chronic Illness. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Caputo-Levine, Deirdre D**. (2008) Beyond Institutionalization: Investigating the “Joint Mentality.” *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Curreli, Misty**. (2008) Narratives about Pain and Injury in Yoga. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Curreli, Misty**. (2008) Gendered Conceptions and Negotiations of Pain and Injury in Yoga. *Sociologists for Women in Society*. New York, NY.
- Esparza, Louis**. (2008) Grassroots Human Rights Activism in Contemporary Bogota. *Alternative Futures & Popular Protest*. Manchester, UK.

- Esparza, Louis.** (2008) Constituting Human Rights: The US Constitution in Comparative Analysis. 78th Annual Meeting of the Eastern Sociological Society. New York, NY.
- Esparza, Louis.** (2007) NGO Inequalities: The Stratified Field of Human Rights Organizations in Bogota, Colombia. *Constructing Knowledges*. New Brunswick, NJ.
- Esparza, Louis.** (2007) Rethinking Guerilla Groups: Between Movements and Revolutions. *Collective Behavior and Social Movements Section, American Sociological Association*. Hempstead, NY.
- Kalish, Rachel.** (2008) Social Context and the Effect of Adult Male Sexual Victimization. 78th Annual Meeting of the Eastern Sociological Society. New York, NY.
- Kalish, Rachel.** (2007) Sexual Scripts and Hook Ups Among College Students: Evidence from the College Social Life Survey. 102nd Annual Meeting of the American Sociological Association. New York, NY.
- Kim, Soyon.** (2007) Economic Development and Political Empowerment of Women in the Globalization Process. 102nd Annual Meeting of the American Sociological Association. New York, NY.
- Kutz-Flamenbaum, Rachel.** (2008) Strategic Dilemmas in Organizational Frame Selection and Audience Frame Preference in Women's Peace Organizing. 78th Annual Meeting of the Eastern Sociological Society. New York, NY.
- Kutz-Flamenbaum, Rachel.** (2007) Ideology, Identity, and Issues: A Broad View of the Contemporary Women's Movement. 102nd Annual Meeting of the American Sociological Association. New York, NY.
- Kutz-Flamenbaum, Rachel V.** (2007) If You Win Some Then You Lose Some: Strategic Dilemmas in Organizational Frame Selection in Women's Peace Organizing. *Department of Sociology, University of Pittsburgh, Pittsburgh, PA*.
- Kutz-Flamenbaum, Rachel V.** (2007) Strategic Dilemmas in Organizational Frame Selection and Audience Frame Preference in Women's Peace Organizing. *Society for the Study of Social Problems*. Student Award Panel. New York, NY.
- Kutz-Flamenbaum, Rachel V.** (2007) The Formation and Development of Strategy. Plenary Discussant for *The Formation and Development of Strategy CBSM Workshop 2007*. Hempstead, NY.
- Kutz-Flamenbaum, Rachel V.** (2007) The Praxis of Academics' Activism: A Panel Discussion. Organizer and Presider for *The Praxis of Academics' Activism: A Panel Discussion: Society for the Study of Social Problems and SWS Summer Meeting*. New York, NY.
- Mahler, Matthew.** (2008) Reconstructing the Political Lebenswelt: How Politicos, Think and Feel about their Craft. 78th Annual Meeting of the Eastern Sociological Society. New York, NY.
- Maruoka, Etsuko.** (2007) Veiling as Resistance: Post-9/11 Activism among South Asian Student Religious Organizations. 102nd Annual Meeting of the American Sociological Association. New York, NY.
- Maynard, Gary.** (2008) Neo-liberalism and Global Tobacco Usage from 1990 to 2000: A Cross-National Study. 78th Annual Meeting of the Eastern Sociological Society. New York, NY.
- Muñoz, José A.** (2007) Confronting Conflict: Mexican Social Movement Coalitions, Internal Conflict, and Change. 102nd Annual Meeting of the American Sociological Association. New York, NY.
- Muñoz, José A.** (2007) Putting History to Work: Deliberation Strategies, Social Capital, and Collective Action in Mexican Immigrant Social Movement Organizations in Los Angeles. *Politics of Race, Immigration, and Ethnicity Colloquium*. Pitzer College, Claremont, CA.
- Page Poma, Fernanda R.** (2008) The Coexistence of Political Patronage and Collective Action. 78th Annual Meeting of the Eastern Sociological Society. New York, NY.

- Restivo, Michael.** (2008) Knowledge, Experts, and Wikipedia: An Analysis of the Social Structure of an Encyclopedia with 50,000 Authors. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Roelfs, David.** (2008) Developing an Operational Measure of Consumerism for Quantitative Analyses of United States Consumers. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Roelfs, David, Shor, Eran, and Schwartz, J.** (2008) Meta-Analysis of Psychosocial Stress and All-Cause Mortality. Invited colloquium at the *Behavioral Cardiovascular Health and Hypertension Program*. Columbia University Medical Center, New York, NY.
- Sher, Anna.** (2007) Contemporary Structure of Russian Corporate Capitalism in Comparative Perspective. *102nd Annual Meeting of the American Sociological Association*. New York, NY.
- Roelfs, David, **Shor, Eran,** and Schwartz, J. (2008) Meta-Analysis of Psychosocial Stress and All-Cause Mortality. Invited colloquium at the *Behavioral Cardiovascular Health and Hypertension Program*. Columbia University Medical Center, New York, NY.
- Shor, Eran.** (2008) Symbiosis and Exploitation in Strategic Alliances: The Israeli Case of Maccabi Tel-Aviv Basketball Club and the Public Channel. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Shor, Eran.** (2008) Debt, Structural Adjustment, and Deforestation: A Cross-National Analysis. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Shor, Eran.** (2007) Contested Masculinities: The New Jew and the Construction of Black and Palestinian Athletes in Israeli Media. *102nd Annual Meeting of the American Sociological Association*. New York, NY.
- Smith, Richard Tyson.** (2008) Selling your Moves: The Tandem Performance of Emotional Labor in Professional Wrestling. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Smith, Richard Tyson.** (2007) Getting a Grip on Pain: The Meaning of Pain and Injury for Professional Wrestlers. *102nd Annual Meeting of the American Sociological Association*. New York, NY.
- Stalker, Dianne S.** (2008) Global Capitalism and Technological Inequality in Developing Countries, 1980-2005. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Traver, Amy.** (2008) Developing a Theory of *Fictive Kin Work*: China Adoptive Parents' Efforts to Connect Their Children and Families with Americans of Chinese Heritage. *78th Annual Meeting of the Eastern Sociological Society*. New York, NY.
- Traver, Amy.** (2007) Home(land) Décor: China Adoptive Parents' Consumption of Chinese Cultural Objects for Display in their Homes. *102nd Annual Meeting of the American Sociological Association*. New York, NY.

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

- Barron, Martin.** (2007) Research Scientist. Department of Public Health and Epidemiology, NORC, *University of Chicago*, Chicago, IL.
- Bruzzese, Anna.** (2007) Assistant Professor. Department of Sociology, *Los Angeles Pierce College*, Woodland Hills, CA.
- Connolly-Schoonen, Josephine.** (2007) Assistant Clinical Professor and Director of Dietetic Internship Program. Department of Family Medicine, *Stony Brook University*, Stony Brook, NY.
- Esparza, Louis.** (2008) Editorial Assistant. *Societies Without Borders*, Brill Academic Publishers, Boston, MA.

- Esparza, Louis.** (2007) Editorial Assistant. *Contexts*, American Sociological Association, Washington, D.C.
- Joseph, Lauren.** (2007) Managing Editor. *Qualitative Sociology*. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Newmahr, Staci.** (2007) Assistant Visiting Professor. Department of Sociology, *Queens College – CUNY*, Queens, NY.
- Shin, Hwa Ji.** (2007) Assistant Professor. Department of Sociology, *University of San Francisco*, San Francisco, CA.
- Smith, Richard Tyson.** (2007) Managing Editor. American Sociological Association Rose Monograph Series in Sociology. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Traver, Amy.** (2007) Managing Editor. *Men and Masculinities*. An interdisciplinary, international journal of gender issues. Department of Sociology, *Stony Brook University*, Stony Brook, NY.

❖ **Theatrical Productions**

- Kalish, Rachel.** (2008) Narrator. *The Vagina Monologues*. *Stony Brook University*, Stony Brook, NY.

❖ **Other**

- Curreli, Misty, Baldermann, Diana, Braksmajer, Amy, Lapegna, Pablo, and Page Poma, Fernanda,** (2008) Head of Organizing Conference Committee. *5th Annual Graduate Student Ethnography Conference*, *Stony Brook University*. Manhattan, NY.
- Shor, Eran, Roelfs, David, Curreli, Misty, and Banerjee, Tarun.** (2008) Head Organizers. *The First Sociology Photograph Exhibition*, *Department of Sociology, Stony Brook University*. Stony Brook, NY.

THEATRE ARTS

GRADUATE DIRECTOR: STEVE MARSH
DEPARTMENT CHAIR: NICK MANGANO

❖ Grants, Fellowships, and Awards

Ortiz, Marie-Elena. (2007) The Turner Fellowship Conference Award, \$1,000. *Hawaii International Conference on Arts & Humanities*. Stony Brook, NY.

Ortiz, Marie-Elena. (2007) EOP/AIM 2007 Mentor. *Stony Brook University*. Stony Brook, NY.

Shulgat, Anna. (2007/2008) Fulbright Grant, Maintenance and Book Allowances. *Institute of International Education*, New York, NY.

❖ Singly Authored Publications/Research Reports/Reviews

Arcieri, D.T. (2008) Poem. *Modern Hiaku* 39 (1).

Arcieri, D.T. (2008) Poem. *Frogpond* 31 (2).

Pressimone Beckowski, Catherine. (in press) Big, Big Love: Cyrano. *The Quill*.

Shulgat, Anna. (2007) The New Russian *Hamlet*: Without a Hero. *Slavic and East European Performance* 27 (3): 38-46.

Shulgat, Anna. (2007) The Time: Night. *The Empire of Drama* 8: 8.

Shulgat, Anna. (2007) King Gandalf. *The Empire of Drama* 10: 8.

Shulgat, Anna. (2007) Here Comes Jupiter... *The Empire of Drama* 12: 8.

Shulgat, Anna. (2007) With Special Comicality. *The Empire of Drama* 12: 8.

Shulgat, Anna. (2008) Death Girl. *The Empire of Drama* 13: 8.

Shulgat, Anna. (2008) Film: Cargo 200 (Gruz 200). *The Improper North Shoreian* 1 (2): 29.

Shulgat, Anna. (2008) A Few More Things about the Royal Sandwich. *The Empire of Drama* 15: 8.

Shulgat, Anna. (2008) Tropic of Williams. *The Empire of Drama* 15: 8.

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

Jensen, Amy. (2007) "Moving Dramaturgy. *Dramaturgy Regional Mini-Conference: University of Massachusetts and the Literary Managers and Dramaturgs of the Americas*. Amherst, MA.

Jensen, Amy. (2008) Off Book: Engaging in Non-text-based Dramaturgy. *Association for Theatre in Higher Education*. Denver, CO.

❖ Curatorial Appointments

Shulgat, Anna. (2007) An Evening of Russian Theatre. *A reading of plays by 20 century Russian writers*. Stony Brook University, Stony Brook, NY.

❖ **Internship Appointments**

- Balsamo, Angie.** (2008) Literary Intern. *New Dramatists*. New York, NY.
- Lusk, Danya.** (2008) Intern. *New Georges*, New York, NY.
- McMahan, Matthew.** (2008) Dramaturgy Intern. *Indianapolis Repertory Theatre*, Indianapolis, IN.
- Webb, Eric.** (2008) Artistic Associate. *New York Institute for Theatrical Innovation*, Stony Brook/Port Jefferson, NY.

❖ **Theatrical Productions**

- Arcieri, D.T.** (2007) Playwright. *The Market*. *G160 Festival*, Brooklyn College, NY.
- Arcieri, D.T.** (2008) Playwright. *The Play About the Menu* at Simon's Coffee Shop. 11th Annual Festival of One-Acts, *Three Three*, Port Jefferson, NY.
- Arcieri, D.T.** (2007) Playwright. *Norman! Flesh Pot Theatre*, London.
- Balsamo, Angie.** (2007) Dramaturg and Dialect Coach. *Under Milk Wood*. *HERE Arts Center*, New York, NY.
- Balsamo, Angie.** (2007) Dramaturg, M. *Butterfly*. *Capital Repertory Theatre*, Albany, NY.
- Balsamo, Angie.** (2008) Dramaturg, Rachel. *Airmid Theatre Company*, Babylon, NY.
- Danvers, Marie.** (2008) Dramaturg/Creator. *Shaw and His Women*. *Stony Brook University Cabaret*, Stony Brook, NY.
- Jensen, Amy.** (2007) Dramaturg. *bobrauschenbergamerica*. *Stony Brook University*, Stony Brook, NY.
- Jensen, Amy.** (2008). Playwright/director. *The Disappearing*. *Monkey Town*, Brooklyn, NY.
- Jensen, Amy.** (2007). Co-Producer. *Twenty-Four Hour Play Festival*. *Stony Brook University Cabaret*, Stony Brook, NY.
- Jensen, Amy.** (2007). Co-Producer/actor. *365 Days, 365 Plays*. *Stony Brook University Cabaret*, Stony Brook, NY.
- Lee, Caitlin.** (2008) Assistant Dramaturg. *Tartuffe*. *Stony Brook University*, Stony Brook, NY.
- Lee, Caitlin.** (2007) Assistant Dramaturg. *The Trestle at Pope Lick Creek*. *Stony Brook University*, Stony Brook, NY.
- McMahan, Matthew.** (2008) Assistant Dramaturg. *Tartuffe*. *Stony Brook University*, Stony Brook, NY.
- McMahan, Matthew.** (2007) Actor. *bobrauschenbergamerica*. *Stony Brook University*, Stony Brook, NY.
- Montolio, William.** (2007) Playwright. *Hi, I'm a Human and I'm a Shark*. *Stony Brook University Cabaret*, Stony Brook, NY.
- Montolio, William.** (2007) Director. *The Wrong Way*. *Stony Brook University Cabaret*, Stony Brook, NY.
- Montolio, William.** (2007) Director. Susan Laurie Parks "365" titled Puja Play for Sri Ganesha. *Staller Center Amphitheater*, Stony Brook University, Stony Brook, NY.
- Montolio, William.** (2007) Lighting Designer. *Areta* by Eric Colagenes and Orestes, Adapted by Catherine Pressimone. *Stony Brook University Cabaret*, Stony Brook, NY.
- Montolio, William.** (2007) Lighting Designer. *Gassner New Play Festivals Off Compass* by Kelly Younger. *Theatre Three, Staller Center, Stony Brook University*, Stony Brook, NY.

Theatre Arts

- Montolio, William.** (2007) Actor. The Transmedia Bacchae. *Monkey Town*, Brooklyn, NY.
- Montolio, William.** (2008) Ensemble member. Grapes of Wrath. *Theatre One, Staller Center, Stony Brook University*, Stony Brook, NY.
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- Ortiz Marie-Elena.** (2007) Dramaturg. Arête. *Stony Brook University, Stony Brook NY*.
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- Ortiz Marie-Elena.** (2007) Director. All Good Things Come To An End. *Stony Brook University, Stony Brook NY*.
- Ortiz Marie-Elena.** (2007) Stage Manager. Orestes. *Stony Brook University, Stony Brook, NY*.
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