

## **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 2008-2009 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**

*Energy Impression #30, #31* by David Weiner

**David Weiner** is a graduate student in the Master of Fine Arts program in Studio Arts and the winner of the 2009 Dorothy L. Pieper Memorial Purchase Prize

- **Cover Design:** Rachel Parker and Paul Bugyi
- **Editing and Typesetting:** Paul Bugyi

### **The Graduate School**

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# GRADUATE PROGRAMS

❖ **COLLEGE OF ARTS AND SCIENCES**, Interim Dean: Nancy Squires

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: Ray Williams

❖ **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 2009 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.

James Ambury	<i>Philosophy</i>
Mark Jonas	<i>Ecology and Evolution</i>
Jennifer Rodden	<i>Psychology</i>
Sue Riela	<i>Psychology</i>
Frances Bottenberg	<i>Philosophy</i>
Gary Maynard	<i>Sociology</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.

Douglas Boyer	<i>Anatomical Sciences</i>
Shivani Ahuja	<i>Physics &amp; Astronomy</i>
Jada Hamilton	<i>Social &amp; Health Psychology</i>
Melissa Patterson	<i>Chemistry</i>
Amanuel Beyin	<i>Interdepartmental Doctoral Program in Anthropological Sciences</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.

David Weiner	<i>Studio Art</i>
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## ❖ The Faculty Staff Fellowship Award

This award has been made possible through faculty and staff payroll deduction contributions to the Graduate School Fellowship Fund.

Lauren Rosenblum	<i>English</i>
Weidong Cai	<i>Psychology</i>
Lauren Joseph	<i>Sociology</i>

❖ **The Madeline Fusco Fellowship**

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

Tara Duffy

*Marine and Atmospheric Sciences*

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

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

Eran Shor

*Sociology*

# ANATOMICAL SCIENCES

GRADUATE DIRECTOR: MAUREEN O'LEARY  
DEPARTMENT CHAIR: WILLIAM JUNGERS

## ❖ Grants, Fellowships and Awards

- Boyer, Doug.** (2008) American Society of Mammalogist Grant, \$1,500. *American Society of Mammalogists*, Provo, UT.
- Boyer, Doug.** (2008) Norman Creel Prize, Stony Brook Anatomical Sciences, \$1,000. *Stony Brook University*, Stony Brook, NY.
- Boyer, Doug.** (2009) President's Award to Distinguished Doctoral Students, \$500. *Stony Brook University*, Stony Brook, NY.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Boyer, D. M.** (2008) Relief index of second mandibular molars is a correlate of diet among prosimian primates and other euarchontan mammals. *Journal of Human Evolution* 55:1118-1137.
- Boyer, D. M.,** (2008) A comparison of *Plesiadapis cookei* to *P. tricuspis* (Mammalia, Plesiadapiformes): Evidence for ecological differences. *Journal of Vertebrate Paleontology* 28(3): 55A.

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Boyer, D. M.,** and Bloch, J. I. (2008) Evaluating the mitten-gliding hypothesis for Paromomyidae and Micromomyidae (Mammalia, "Plesiadapiformes") using comparative functional morphology of new Paleogene skeletons. In E. J. Sargis and M. Dagosto (Eds.), *Mammalian Evolutionary Morphology: A Tribute to Frederick S. Szalay*. Dordrecht, Netherlands: Springer.
- Gunnell, G. F., Bown, T. M., Bloch, J. I., and **Boyer, D. M.** (2008) Proteutheria. In C. M. Janis, G. F. Gunnell, and M. D. Uhen (Eds.), *Evolution of Tertiary Mammals of North America, Volume 2, Small Mammals, Xenarthrans, and Marine Mammals*. Cambridge, UK: Cambridge University Press.
- Silcox, M., Bloch, J. I., **Boyer, D. M.,** Godinot, M., Ryan, T. M., Spoor, F., Walker, A. (in press) The semicircular canal system in early primates. *Journal of Human Evolution*.
- Coleman, M. N. and **Boyer, D. M.** (2008) A new line of evidence for investigating cerebral circulation patterns in fossils. *Journal of Vertebrate Paleontology* 28(3): 66A.
- Secord, R., Chester, S. G. B., Bloch, J. I., **Boyer, D. M.,** Krigbaum, J. (2008) The first North American equids: A high resolution stratigraphic study in the Paleocene-Eocene thermal maximum. *Journal of Vertebrate Paleontology* 28(3): 140A.
- St. Clair, E., **Boyer, D. M.,** Bloch, J. I., Krause, D. W., (2008) New records of *Goniacodon levisanus* (Mammalia, Triisodontinae) from the Late Paleocene of the Crazy Mountains Basin, Montana. *Journal of Vertebrate Paleontology* 28(3): 147A.
- Burch, Sara H.,** and Carrano, M.T. (2008) Abelisaurid forelimb evolution: new evidence from *Majungasaurus crenatissimus* (Abelisauridae: Theropoda) from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 28(3): 58A.



**McCartney, J.A.**, Kley, N.T. and O'Leary, M.A. (2008) Body size of the giant Eocene snake *Palaeophis colossaeus* (Serpentes: Palaeophiidae) estimated from recently collected material from Mali. *Journal of Vertebrate Paleontology* 28(3): 114A.

Khosla, A., **Sertich, J.J.W.**, Prasad, G.V.R. and Verma, O. (2008) Dyrosaurid remains from the intertrappean beds of India and the Late Cretaceous distribution of Dyrosauridae. *Journal of Vertebrate Paleontology* 28(3): 140A.

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

**Boyer, D. M.**, (2008) A comparison of *Plesiadapis cookei* to *P. tricuspis* (Mammalia, Plesiadapiformes): Evidence for ecological differences. *Society of Vertebrate Paleontology Annual Meeting*. Cleveland, OH.

Coleman, M. N. and **Boyer, D. M.**, (2008) A new line of evidence for investigating cerebral circulation patterns in fossils. *Society of Vertebrate Paleontology Annual Meeting*. Cleveland, OH.

Secord, R., Chester, S. G. B., Bloch, J. I., **Boyer, D. M.**, Krigbaum, J., (2008) The first North American equids: A high resolution stratigraphic study in the Paleocene-Eocene thermal maximum. *Society of Vertebrate Paleontology Annual Meeting*. Cleveland, OH.

St. Clair, E., **Boyer, D. M.**, Bloch, J. I., Krause, D. W., (2008) New records of *Goniacodon levisanus* (Mammalia, Triisodontinae) from the Late Paleocene of the Crazy Mountains Basin, Montana. *Society of Vertebrate Paleontology Annual Meeting*. Cleveland, OH

**Boyer, D.M.** (2008) Evolving into a Primate. *Invited Talk*. University of Helsinki, Institute for Biotechnology.

**Boyer, D.M.** (2009) Invited doctoral graduate speaker for Stony Brook University hooding ceremony. Stony Brook, NY.

**Burch, Sara H.** (2009) The relationship between muscle attachment site size and function in the avian hind limb. *Society of Integrative and Comparative Biology Annual Meeting*. Boston, MA.

**Burch, Sara H.**, and Carrano, M.T. (2008) Abelisaurid forelimb evolution: new evidence from *Majungasaurus crenatissimus* (Abelisauridae: Theropoda) from the Late Cretaceous of Madagascar. *Society of Vertebrate Paleontology Annual Meeting*. Cleveland, OH.

O'Connor, P.M., Krause, D.W., Carrano, M.T. **Burch, Sara H.**, and Ratisimbaholison, N.O. (2008) The Late Cretaceous (Maastrichtian) theropod fauna of the Maevarano Formation, northwestern Madagascar: new discoveries, new insights and new directions. *Latin American Congress of Vertebrate Paleontology*. Neuquén, Argentina.

**McCartney, J.A.**, N.J. Kley, and M.A. O'Leary. (2008) Body size of the giant Eocene snake *Palaeophis colossaeus* (Serpentes: Palaeophiidae) estimated from recently collected material from Mali. *Annual meeting of the Society of Vertebrate Paleontology*. Cleveland, OH

**Sertich, J.J.W.**, Khosla, A., G.V.R. Prasad, and O. Verma (2008) Dyrosaurid (Crocodylomorpha: Mesoeucrocodylia) remains from the Maastrichtian intertrappean beds of India and the distribution of the Dyrosauridae. *Annual Meeting of the Society of Vertebrate Paleontology Annual Meeting*. Cleveland, OH.

#### ❖ Post-doctorates Obtained and Professional Appointments

**Boyer, Doug.** (2009) Postdoctoral Researcher. Department Ecology and Evolution, *Stony Brook University*, Stony Brook, NY.

## Anatomical Sciences

### ❖ Other

On behalf of Dr. Lawrence Martin, Dean of the Graduate School, **Doug Boyer** was invited to be the Doctoral Student Speaker at the 2009 Doctoral Hooding Graduation Ceremony. As part of the Platform Party Boyer spoke at this ceremony.

# ANTHROPOLOGICAL SCIENCES

GRADUATE DIRECTOR: ANDREAS KOENIG

## ❖ Grants, Fellowships and Awards

- Bevin, Amanuel.** (2008) Travel Funds, \$800. *Society for Africanist Archaeologists*, Houston, TX.
- Bunn, Jonathan.** (2009) National Science Foundation Graduate Research Fellowship, \$30,000 per year for three years. *National Science Foundation*, Arlington, VA.
- Elder, Alice A.** (2008) General Research Grant, \$9,690. *The Leakey Foundation*, San Francisco, CA.
- Erb, Wendy.** (2008) Doctoral Dissertation Improvement Grant, \$12,818. *National Science Foundation*, Arlington, VA.
- Erb, Wendy.** (2008-2009) Conservation Grant, \$3,500. *Conservation International: Primate Action Fund Program*, Washington, D.C.
- Férnandez, David.** (2008) Research Grant, \$10,000. *Conservation International: Margot Marsh Biodiversity Foundation*, Washington, DC.
- Hassel-Finnegan, Heather M.** (2009) Pollitzer Travel Award, \$500. *American Association of Physical Anthropologists*, Chicago, IL.
- Larney, Eileen.** (2008-2009) Conservation Grant, \$20,000. *Conservation International: Margot Marsh Biodiversity Foundation*, Washington, D.C.
- Lu, Amy.** (2008) Student Poster Prize. 29<sup>th</sup> *Thai Wildlife Seminar*, Kasetsart University, Bangkok, Thailand.
- Lu, Amy.** (2009) Sherwood L. Washburn Student Award, \$500. *American Association of Physical Anthropologists*, Chicago, IL.
- Martin, Sara.** (2009) Conservation Grant, \$1,500. *Conservation International: Margot Marsh Biodiversity Foundation*, Washington, D.C.
- Salmi, Roberta.** (2009) General Research Grant, \$13,500. *The Leakey Foundation*, San Francisco, CA.
- Scarry, Clara.** (2008) Dissertation Fieldwork Grant, \$3,600. *The Wenner-Gren Foundation*, New York, NY.
- St Clair, Elizabeth.** (2009) Grant in Aid of Research, \$1,000. *American Society of Mammalogists*, Burlington, VT.
- St Clair, Elizabeth.** (2009) Research Grant, \$3,030. *Geological Society of America*, Boulder, CO.
- Su, Anne.** (2008) Doctoral Dissertation Improvement Grant, \$14,970. *National Science Foundation*, Arlington, VA.
- Su, Anne.** (2008) Dissertation Fieldwork Grant, \$13,175. *The Wenner-Gren Foundation*, New York, NY.
- Su, Anne.** (2008) General Research Grant, \$4,500. *The Leakey Foundation*, San Francisco, CA.
- Wallace, Ian.** (2008) General Research Grant, \$11,185. *The Leakey Foundation*, San Francisco, CA.
- Wheeler, Brandon C.** (2009) Captive Care Grant, \$1,500. *International Primatological Society*, San Marcos, CA.

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

**Rost, Stephanie.** (in press) Irrigation management in the Ur III period: A reconsideration based on a case study of the maintenance of the íd-NINA-šè-DU canal of the Province Lagaš. In Selz, G.J., Wagensohn, K. (Eds.), *The Empirical Dimension of Ancient Near Eastern Studies. Die empirische Dimension altorientalischer Forschungen (Wiener Offene Orientalistik, Vol. 8)*. Muenster, Hamburg, Berlin, Wien and London: LIT Verlag.

**Wheeler, Brandon C.** (2008) Selfish or altruistic? An analysis of alarm call function in wild tufted capuchin monkeys (*Cebus apella nigrilus*). *Animal Behaviour* 76: 1465-1475.

**Wheeler, Brandon C.** (in press) Monkeys crying wolf? Tufted capuchin monkeys use anti-predator calls to usurp resources from conspecifics. *Proceedings of the Royal Society B: Biological Sciences*.

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

**Bunn, Jonathan,** Ungar, P. (in press) Dental topography and diets of four Old World Monkey species. *American Journal of Primatology*.

Bogaard, A., Charles, M., Twiss, K. C., Fairbairn, A., Yalman, N., Filipovic, D., **Demirergi, G. Arzu,** Ertug, F., Russell, N., Henecke, J. (in press) Private pantries and celebrated surplus: storing and sharing food at Neolithic Catalhoyuk, Central Anatolia. *Antiquity*.

Russell, N., Twiss, K., Pawlowska, K., Christensen, C., Frame, S., Orton, D., **Demirergi, Arzu,** Henton, E., Yeni, S. (2008) Archive report 2008: animal bones 2008. [http://www.catalhoyuk.com/downloads/Archive\\_Report\\_2008.pdf](http://www.catalhoyuk.com/downloads/Archive_Report_2008.pdf) (pg. 110).

**Deppe, Anja M.,** Wright, P.C., Szelistowski, W. (2009) Object permanence in lemurs. *Animal Cognition* 12: 381-388.

Kirk, E.C., **Gosselin-Ildari, Ashley D.** (in press) Cochlear labyrinth volume and hearing abilities in primates. *The Anatomical Record*.

**Hassel-Finnegan, Heather M.,** Borries, C., Larney, E., Umponjan, M., Koenig, A. (2008) How reliable are density estimates for diurnal primates? *International Journal of Primatology* 29: 1175-1187.

Rosenberry, C.S., Long, E.S., **Hassel-Finnegan, Heather M.,** Buonaccorsi, V.P., Diefenbach, D.R., Wallingford, B.D. (in press) Lack of mother-offspring relationships in white-tailed deer capture groups. *Journal of Wildlife Management*.

Bogaard, A., Charles, M., Twiss, K. C., Fairbairn, A., Yalman, N., Filipovic, D., Demirergi, G. A., Ertug, F., Russell, N., **Henecke, Jennifer.** (in press) Private pantries and celebrated surplus: storing and sharing food at Neolithic Catalhoyuk, Central Anatolia. *Antiquity*.

Borries C., **Larney, Eileen,** Lu A., Ossi K., Koenig A. (2008) Costs of group size: lower developmental and reproductive rates in larger groups of leaf monkeys. *Behavioral Ecology* 19: 1186-1191.

Hassel-Finnegan, H.M., Borries, C., **Larney, Eileen,** Umponjan, M., Koenig, A. (2008) How reliable are density estimates for diurnal primates? *International Journal of Primatology* 29: 1175-1187.

Wright, P.C., **Larney, Eileen,** Louis, E.E. Jr., Dolch, R., Rafaliarison, R.R. (in press) Greater bamboo lemur: (*Prolemur simus*). Special Issue of *Primate Conservation: Primates in peril: The world's 25 most endangered primates*.

Doran-Sheey, D.M., Mongo, P., **Lodwick, Jessica L.,** Conklin-Brittain N.L. (in press) Male and female western gorilla diet: preferred foods, use of fallback resources and implications for ape versus old world monkey foraging strategies. *American Journal of Physical Anthropology*.

Wallace, I.J., Wheeler, B.C., Su, A., **Lodwick, Jessica L.** (2008) Physical anthropologists return to America's heartland. *Evolutionary Anthropology* 17: 163-165.

- Borries, C., Larney, E., **Lu, Amy**, Ossi, K., Koenig, A. (2008) Costs of group size: lower developmental and reproductive rates in larger groups of leaf monkeys. *Behavioral Ecology* 19: 1186-1191.
- Kamilar, J.M., **Martin, Sara K.**, Tosi, A.J. (in press) Combining biogeographic and phylogenetic data to examine primate speciation: an example using cercopithecine monkeys. *Biotropica*.
- Borries, C., Larney, E., Lu, A., **Ossi, Kerry**, Koenig A. (2008) Costs of group size: lower developmental and reproductive rates in larger groups of leaf monkeys. *Behavioral Ecology* 19: 1186-1191.
- Royer, Danielle F.**, Lockwood, C.A., Scott, J.E., Grine, F.E. (in press) Size variation in early human mandibles and molars from Klasies River, South Africa: comparison with other middle and late Pleistocene assemblages and with modern humans. *American Journal of Physical Anthropology*.
- Sisk, Matthew L.**, Shea J.J. (2008) Intrasite spatial variation of the Omo Kibish Middle Stone Age assemblages: artifact refitting and distribution patterns. *Journal of Human Evolution* 55: 486-500.
- Mensan, R., **Sisk, Matthew L.**, Clark, A.E. (2008) 4. Les opérations de terrain. Poursuite de la fouille de l'abri Castanet nouveau secteur (Secteur sud): 2006 à 2008. In White, R.H. (Ed.), *Abri Castanet, Secteurs Sud et Nord (Commune de Sergeac, Dordogne) Rapport de fouille programmée Années 2006 à 2008*. Bordeaux Service Régional de l'Archéologie, Min. de la Culture (France).
- Mensan, R., **Sisk, Matthew L.** (2008) 5. Poursuite de la fouille de l'abri Castanet (Secteur nord, coupe Peyrony): 2007 et 2008. In White, R.H. (Ed.), *Abri Castanet, Secteurs Sud et Nord (Commune de Sergeac, Dordogne) Rapport de fouille programmée Années 2006 à 2008*. Bordeaux Service Régional de l'Archéologie, Min. de la Culture (France).
- Gardère, P., White, P.H., **Sisk, Matthew L.**, Clark, A.E. (2008) 8. Un travail en cours: les abris Castanet et Blanchard dans leur contexte géomorphologique, géokarstique et paléotopographique. In White, R.H. (Ed.), *Abri Castanet, Secteurs Sud et Nord (Commune de Sergeac, Dordogne) Rapport de fouille programmée Années 2006 à 2008*. Bordeaux Service Régional de l'Archéologie, Min. de la Culture (France).
- Wallace, I.J., Wheeler, B.C., **Su, Anne**, Lodwick, J.L. (2008) Physical anthropologists return to America's heartland. *Evolutionary Anthropology* 17: 163-165.
- Wallace, Ian J.**, Wheeler, B.C., Su, A., Lodwick, J.L. (2008) Physical anthropologists return to America's heartland. *Evolutionary Anthropology* 17: 163-165.
- Wallace, I.J., **Wheeler, Brandon C.**, Su, A., Lodwick, J.L. (2008) Physical anthropologists return to America's heartland. *Evolutionary Anthropology* 17: 163-165.

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

- Baden, Andrea L.**, Crowley, B.E. (2009) Intraspecific isotopic variability in *Varecia variegata*, Ranomafana National Park. 78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. Chicago, IL.
- Bradley, B.J., MacFie, T., Lawler, R., Morelli, T.L., **Baden, Andrea L.**, Martin, S.K., Mayor, M.I., Kappeler, P.M., Louis, E.E. Jr., Pastorini, J., Sauther, M.L., Wright, P.C., Mundy, N.I. (2009) Eye of the beholder: variable color vision in wild lemur populations. 78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. Chicago, IL.
- Gilbert, C.C., **Baden, Andrea L.**, Fleagle, J.G. (2009) Comparing primate crania: differences between sexes and between species. 78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. Chicago, IL.
- Beyin, Amanuel**, Bar-Yosef, E.D.M. (2009) Later Stone Age settlements on the Red Sea Coast of Eritrea: chronology, technology and subsistence. *Annual Meeting of the Society for American Archaeologists*. Atlanta, GA.

- Beyin, Amanuel.** (2008) Comparison of costal (Eritrea) and lacustrine (Turkana Basin) adaptations. *Fishers to Herders Workshop*. Turkana Basin Institute, East Hampton, NY.
- Beyin, Amanuel.** (2008) The coastal oasis model and recent evidence from the Gulf of Zula, Red Sea Coast of Eritrea. *19<sup>th</sup> biennial meeting of the Society of Africanist Archaeologists (SAfA)*. Frankfurt, Germany.
- Erb, Wendy.** (2008) Male-male competition in simakobu monkeys (*Simias concolor*): the role of loud calls. *XXII Congress of the International Primatological Society*. Edinburgh, UK.
- Young, J.W., **Fernández, David.** (2009) Ontogeny of limb bone strength in capuchin monkeys (*Cebus albifrons* and *Cebus apella*): implications for locomotor development and life history. *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.
- Gosselin-Ildari, Ashley D.,** Larson, S.G., Stern, J.T. Jr. (2009) Chimpanzee hind limb muscle recruitment patterns during quadrupedalism and bipedalism. *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.
- Hassel-Finnegan, Heather M.,** Borries, C., Larney, E., Umponjan, M., Koenig, A. (2008) How reliable are density estimates for diurnal primates. *29<sup>th</sup> Thai Wildlife Seminar*. Bangkok, Thailand.
- Hassel-Finnegan, Heather M.,** Borries, C., Koenig, A. (2009) Southeast Asian primate communities: the effects of ecology and history on species richness. *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.
- Huq, Emranul,** Jungers, W.L. (2009) Tail length and the sacral dimensions in the living and subfossil Malagasy prosimians. *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.
- Hassel-Finnegan, H.M., Borries, C., **Larney, Eileen,** Umponjan, M., Koenig, A. (2008) How reliable are density estimates for diurnal primates. *29<sup>th</sup> Thai Wildlife Seminar*. Bangkok, Thailand.
- Lu, Amy.** (2008) Designing and optimizing methods for fecal hormone measurement in wild populations. *29<sup>th</sup> Thai Wildlife Seminar*. Bangkok, Thailand.
- Lu, Amy,** Borries, C., Czekala, N.M., Beehner, J.C. (2009) Natural birth control: seasonal increases in fecal progesterone affect reproductive function in wild female Phayre's leaf monkeys *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.
- Flood, R., **Merwin, Daria,** Cohn, A., Kane, A., Bell, R. (2008) Exploring the maritime history of the Hudson river. *Shallow Survey 2008: 5<sup>th</sup> International Conference on High-Resolution Surveys in Shallow Water*. Portsmouth, NH.
- Ossi, Kerry.** (2008) Learning from an evolutionary perspective. *American Anthropological Association Annual Meeting. Invited session: Collaboration in the study of childhood: Anthropological perspectives on learning*. San Francisco, CA.
- Villeneuve, S., Hayden, B., Springer, C., White, C., Fox, M., Kavanaugh, S., Endo, N., Carroll, B., Wigen, B., **Sisk, Matthew L.,** Cross, G., Goldberg, P., Smith, C., Spafford, J. (2008) Reporting on recent work at Keatley Creek. *Annual British Columbia Archaeology Forum*. Burnaby, BC.
- St Clair, Elizabeth.** (2009) Morphological disparity in the cranium and dentition of "prosimian" primates. *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.
- St Clair, Elizabeth,** Boyer, D., Bloch, J., Krause, D. (2008) New records of *Goniacodon levisanus* (Mammalia, Triisodontinae) from the late Paleocene of the Crazy Mountains Basin, Montana. *Annual Meeting of the Society for Vertebrate Paleontology*. Cleveland, OH.
- Su, Anne.** (2009) Internal bone structure in the human hind foot as an indicator of habitual compressive load during locomotion. *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.

Kirera, F.M., **Wallace, Ian C.**, Patel, B.A. (2009) A nearly complete hominin radius from Area 41 of the Koobi Fora Formation (East Turkana, Kenya). *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.

**Wheeler, Brandon C.** (2009) The monkey who cried wolf: tufted capuchin monkeys use anti-predator calls to usurp resources from conspecifics? *78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists*. Chicago, IL.

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

**Larney, Eileen.** (2008) Resident Coordinator. Stony Brook's Study Abroad Program in Madagascar, *Stony Brook University*, Ranomafana, Madagascar.

**Royer, Danielle F.** (2009) Assistant Professor. Anatomy Department, *Ross University School of Medicine*, Portsmouth, Commonwealth of Dominica.

**Su, Anne.** (2008) Anatomical Sciences Instructor/ Post-doctoral Fellow. Department of Biomedical Sciences, *Ohio University College of Osteopathic Medicine*, Athens, OH.

# APPLIED MATHEMATICS AND STATISTICS

GRADUATE DIRECTOR: XIAOLIN LI  
DEPARTMENT CHAIR: JAMES GLIMM

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Bo, W.**, H. Jin, **D. Kim**, **X. Liu**, **H. Lee**, **N. Pestieau**, Y. Yu, J. Glimm and J. Grove (2008) Multi Phase Closure Models. *Computers & Mathematics with Applications* 56: 1291-1302.
- Bo, W.**, **B. Fix**, J. Glimm, X. L. Li, X. T. Liu, R. Samulyak and **L. L. Wu**. (in press) FronTier and Applications to Scientific and Engineering Problems. *Proceedings of International Congress of Industrial and Applied Mathematics*.
- Seright, R. S., Lindquist, W. B., **Cai, R.** (in press) Pore-level examination of gel destruction during oil flow. *SPE Journal*.
- Kimhy, D., Delespaul, P., Ahn, H., **Cai, S.**, Shikhman, M., Lieberman, J. A., Malaspina, D., Sloan, R. P. (in press) Concurrent measurement of “real world” stress and arousal in individuals with psychosis: Assessing the feasibility and validity of a novel methodology. *Schizophrenia Bulletin*.
- Chang, S. W.**, **Choi, S. H.**, **Li, K.**, **St. Fleur, R.**, **Huang, C.**, **Shen, T.**, Ahn, K., Gordon, D., Kim, W., Wu, R., Mendell, N. R., Finch, S. J. (in press) Growth mixture modeling as an exploratory analysis tool in longitudinal QTL analysis. *BMC Genetics*.
- Mojtabai, R., Fochtmann, L., **Chang, S. W.**, Kotov, R., Craig, T., Bromet, E. (in press) Unmet need for care in schizophrenia. *Schizophrenia Bulletin*.
- Chen, X.** and Deng, Y. (2008) Simulations of a Specific Inhibitor of the Disheveled PDZ Domain. *J. Mol. Modeling* 15: 91-96. DOI: <http://dx.doi.org/10.1007/s00894-008-0377-x>
- Chen, Y.** and Deng, Y. (in press) Detailed analysis of communication load balance on BlueGene supercomputer. *Comp. Phys. Comm.*, (Online version: Feb. 14, 2009). DOI: <http://dx.doi.org/10.1016/j.cpc.2009.02.006>
- Chen, Y.** and Deng, Y. (2008) Task Mapping on Supercomputers with Cellular Networks. *Comp. Phys. Comm.* 179: 479-485.
- Chu, A.**, Ahn, H., Halwan, B., Kalmin, B., Artifon, E., Barkun, A., Lagoudakis, M., Kumar, A. (2008) A decision support system to facilitate management of patients with acute gastrointestinal bleeding. *Artificial Intelligence in Medicine* 42: 247-259.
- Artifon, E., Kumar, A., Eloubeidi, M. A., **Chu, A.** et al. (2009) Prospective randomized trial of EUS versus ERCP-guided common bile duct stone removal: An interim report (with video). *Gastrointestinal Endoscopy* 69(2): 238-243.
- Du, J.**, **T. Lu** and R. Samulyak. (2008) Algorithms for magnetohydrodynamics of ablated Materials. *Journal of Nanoscience and Nanotechnology* 8: 3674-3685.
- Dyedov, V.**, Einstein, D. R., Jiao, X., Kuprat, A. P., Carson, J. P., del Pin, F. (in press) Variational Generation of Prismatic Boundary-Layer Meshes for Biomedical Computing. *International Journal for Numerical Methods in Engineering*.
- Fix, B.**, J. Glimm, **R. Kaufman**, X. L. Li and **L. L. Wu** (in press) FronTier and Application to Fluid Instability Study, Verification and Validation of FronTier Code and Application to Fluid Interfacial Instabilities, *Physica Scripta*.
- Heller, J. R.**, Pinezich, J. D. (2008) Automatic recognition of harmonic bird sounds using a frequency track extraction algorithm. *J. Acoust. Soc. Amer.* 124 (3): 1830-1837.



- Pinezich, J. D., **Heller, J. R.**, Lu, T. (in press) Ballistic Projectile Tracking Using Continuous Wave Radar. *IEEE Transactions on Aerospace and Electronics*.
- Huang, C., Li, K., St. Fleur, R., Chang, S. W., Choi, S. H., Shen, T., Shin, S. Y.**, Finch, S. J., Mendell, N. R. (in press) Family Based Analysis of an MI Endophenotype: Comparison of Sampling Designs. *BMC Genetics*.
- T. Lu, Z. L. Xu, R. Samulyak, J. Glimm and **Ji, X. M.** (2008) Dynamic Phase Boundaries for Compressible Fluids. *SIAMJSC 30*: 895-915.
- Glimm, J., **Ji, X.**, Li, J., Li, X., Zhang, P., Zhang, T., Zheng, Y. (2008) Transonic Shock Formation in a Rarefaction Riemann Problem for the 2D Compressible Euler Equations. *SIAM Journal on Applied Mathematics 69*: 720-742.
- Ji, Xiaomei.** (2009) An Optimal Order Error Estimate of a Linear Finite Element Method for Smooth Solutions of 2D Systems of Conservation Laws. *Journal of Computational Analysis and Applications 11*: 364-382.
- Lee, H.**, H. Jin, Y. Yu and J. Glimm (2008) On Validation of Turbulent Mixing Simulations of Rayleigh-Taylor Mixing. *Phys. Fluids 20*: 1-8.
- Lim, H.**, Y. Yu, J. Glimm, X.-L. Li and D. H. Sharp. (2008) Chaos, Transport, and Mesh Convergence for Fluid Mixing. *Acta Mathematicae Applicatae Sinica 24*: 355-368.
- Lim, H.**, Y. Yu, H. Jin, **D. Kim, H. Lee**, J. Glimm, X.-L. Li and D. H. Sharp. (2008) Multi Scale Models for Fluid Mixing. *Compu. Methods Appl. Mech. Engrg. 197*: 3435-3444.
- Lim, H.**, Y. Yu, J. Glimm, X. L. Li and D. H. Sharp (2008) Subgrid models in turbulent mixing. *ASTRONUM Proceedings*.
- Deng, Y., Korobka, A., **Lou, Z., Zhang, P.** (2008) Perspectives on Petascale Processing. *KISTI Supercomputer 31*: 36-59.
- Manu**, Surkova, S., Spirov, A. V., Gursky, V., Janssens, H. , Kim, A. R., Radulescu, O., Vanario-Alonso, C. E., Sharp, D. H., Samsonova, M, Reinitz, R. (2009) Canalization of gene expression in the Drosophila blastoderm by gap gene cross regulation. *PLoS Biology 7*: e1000049.
- Manu**, Surkova, S., Spirov, A. V., Gursky, V., Janssens, H., Kim, A. R., Radulescu, O., Vanario-Alonso, C. E., Sharp, D. H., Samsonova, M., Reinitz, J. (2009) Canalization of gene expression in the Drosophila blastoderm by dynamical attractors. *PLoS Computational Biology 5*: e1000303.
- Myasnikova, Surkova, S., **Panok, L.**, Samsonova, M., Reinitz, J. (2009) Estimation of errors introduced by confocal imaging into the data on segmentation gene expression in Drosophila. *Bioinformatics 25*: 346-352.
- Arkin, E. M., Bae, S. W., Efrat, A., Okamoto, K., Mitchell, J. S. B., **Polishchuk, V.** (2009) Geometric Stable Roommates. *Information Processing Letters 109*(4): 219-224.
- Arkin, E. M., Fekete, S. P., Islam, K., Meijer, H., Mitchell, J. S. B., Nunez-Rodriguez, Y., **Polishchuk, V.**, Rappaport, D., Xiao, H. (in press) Not Being (Super)Thin or Solid is Hard: A Study of Grid Hamiltonicity. *Computational Geometry: Theory and Applications*.
- Mitchell, J. S. B., **Polishchuk, V.** (2008) Minimum-perimeter Enclosures. *Information Processing Letters 107*: 120-124.
- Basu, A., Mitchell, J. S. B., **Sabhnani, G.** (in press) Geometric Algorithms for Optimal Airspace Design and Air Traffic Controller Workload Balancing. *ACM Journal of Experimental Algorithmics*.
- Sholokhova, Y., Kim, D.**, Lindquist, W. B. (2009) Network flow modeling via lattice-Boltzmann based channel conductance. *Advances in Water Resources*. doi: 10.1016/j.advwatres.2008.10.016

- Wang, D., B. L. Clark, X. Jiao. (in press) An Analysis and Comparison of Parameterization-Based Computation of Differential Quantities for Discrete Surfaces. *Computer Aided Geometric Design*.
- Feinberg, E. A. and Yang, F. (2008) On Polynomial Classification Problems for Markov Decision Processes. *Operations Research Letters* 36: 527-530.
- Feinberg, E. A. and Yang, F. (2008) Polynomial Classification Algorithms for Markov Decision Processes. *Proceedings of the 47th IEEE Conference on Decision and Control, Cancun, Mexico*, December 9-11: 4485 – 4490.
- Wang, J., Lu, H. B., Liang, Z. R., Eremina, D., Zhang, G. X., Wang, S., Chen, J. J., Manzione, J. (2008) The noise properties of low-dose X-ray CT sinogram data in the Radon space. *Physics in Medicine and Biology* 53: 3327–3341.
- Baram, D., Daroowalla, F., Garcia, R. B., Zhang, G. X., Chen, J. J., Healy, E., Riaz, S. A., Richman, P. S. (2008) 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* 2: 19-25.
- Kacer, M., Zhang, G. X., Lane, A. H., Chen, J. J., Wilson, T. A. (2008) Effect of Inspiration/Expiration on Height Measurement. *Journal of Pediatric Endocrinology & Metabolism* 21(8): 763-769.

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

- Balius, T. E., Rizzo, R. C. (2008) Energetic and Structural Analysis of EGFR Inhibition Using Molecular Dynamic Simulations. *ACS Mid-Atlantic Regional Meeting (MARM)*. New York, NY.
- Balius, T. E., Huang, Y., McGillick, B., Mukherjee, S., Goyal, R., Rizzo, R. C. (2008) Characterizing Binding of Peptide Inhibitors and Small molecules with HIVgp41 using Molecular Dynamics Simulations. *22nd Annual Meeting of Groups Studying the Structures of AIDS-related Systems and Their Application to targeted Drug Design*. Bethesda, MD.
- Balius, T. E., Mukherjee, S. (2008) Using BlueGene to characterize protein ligand interactions with DOCK and NAMD. *August 4th New York Blue Tutorial*. Stony Brook, NY.
- Bo, W., Liu, X., Lim, H. (2008) Mathematical and Physical Principles for Turbulent Mixing. *Plenary Address, International Federation of Numerical Analysts*. Orlando, FL.
- Bo, W., Liu, X., Lim, H. (2008) Subgrid Models for Atomic Scale Mixing. Invited Talk at the *International Workshop on the Physics of Compressible Turbulent Mixing*. Santa Fe, NM.
- Bo, W., Liu, X., Lim, H. (2008) The Mathematics and Numerics of Chaotic Mixing Flows. *Fluid Dynamics Seminar Lecture*. Stanford Department of Mechanical Engineering, Stanford, CA.
- Bo, W., Liu, X., Lim, H. (2008) The Mathematics and Numerics of Chaotic Mixing Flows. *Seminar*. Lawrence Livermore National Laboratory, Livermore, CA.
- Bo, W., Liu, X., Lim, H. (2009) Compensated Compactness and the Multi-Dimensional Euler Equations. Invited talk in *Special Session at the Joint Meetings of the American Mathematical Society*. Washington, DC.
- Bo, W., Liu, X., Lim, H. (2009) Turbulent Mixing and Uncertainty Quantification: Simulations with Error Bars. Invited Talk in *Special Session, SIAM Conference on Computational Science and Engineering*. Miami, FL.
- R. Samulyak, T. Lu, P. Parks, W. Bo, L. Wu. (2008) Simulations of Multiphase Magnetohydrodynamic Flows for Nuclear Fusion Applications. Invited talk at the *Workshop on the Role of High Performance Computation in Economic Development*. Rensselaer Polytechnic Institute, Troy, NY.
- Xiaolin Li, Wurigen Bo, James Gimm, Xingtao Liu, Lingling Wu and Yan Yu. (2008) Quantification of Chaotic Mixing through Direct Numerical Simulation of Acceleration Driven Fluid instabilities Using FrontTier, Minisymposium. *SIAM Annual Meeting*. San Diego, CA.

- Bo, Wurigen, Brian Fix**, James Glimm, Xiaolin Li **Xingtao Liu**, Roman Samulyak and **Lingling Wu**. (2008) FrontTier and Applications to Simulations of efficient engine with bio-fuels. Invited talk at the *Advanced Energy Conference*. Hauppauge, NY.
- Bo, Wurigen, Brian Fix**, James Glimm, Xiaolin Li and **Lingling Wu**. (2008) FrontTier and Applications to Simulations of Hyperbolic Problems and Beyond. *HYP 2008 Conference*. College Park, MD.
- J. Glimm, X. Li, R. Samulyak, **Wurigen Bo, Brian Fix, Ryan Kaufman and Yanhong Zhao**. (2008) FrontTier and Applications under ITAPS. Minisymposium, *SIAM CSE Conference*. Miami, FL.
- R. Samulyak, **W. Bo**. (2009) Progress in mercury target simulation. *MUTAC Review*. Fermilab, Batavia, IL.
- R. Samulyak, **W. Bo**. (2008) Simulation of mercury targets for Neutrino Factory/Muon Collider. 2<sup>nd</sup> *Princeton / Oxford Meeting on High Power Targets*. Princeton, NJ.
- Cai, R.**, Lindquist, W. B., Um, W., Jones, K. W. (2009) Tomographic Analysis of Reactive Flow Induced Pore Structure Changes in Column Experiments. *International Conference on Challenges of Porous Media*. Fraunhofer ITWM, Kaiserslautern, Germany.
- Chang, S. W., Choi, S. H., Li K., St. Fleur, R., Huang, C., Shen, T., Zhou, T., Lamy, C., Li, S., Yuan, Q. L., He, T., Shin, S. Y., Wang, Y.**, Ahn, K., Gordon, D., Kim, W., Wu, R., Mendel, N. R., Finch S. J. (2008) Growth Mixture Modeling as an Exploratory Analysis Tool in Longitudinal QTL analysis. *Genetic Analysis Workshop 16*. Saint Louis, MO.
- Chang S. W.**, Kotov, R., Bromet, E. J. (2008) Empirical Taxonomy in Inpatient Population: New Dimensions. *The 98<sup>th</sup> Annual Meeting of the American Psychopathological Association*. New York, NY.
- Dyedov, V.**, D. R. Einstein, X. Jiao, A. P. Kuprat, J. P. Carson, F. del Pin. (2008) Variational Generation of Prismatic Boundary-Layer Meshes for Biomedical Computing. *17th International Meshing Roundtable*. Pittsburgh, PA. (poster)
- Dyedov, V.**, D. R. Einstein, X. Jiao, A. P. Kuprat, **Wang, D.** (2009) Extensions and Comparisons of Generation of Hybrid Prism-Tetrahedron Meshes with Biomedical Applications. *10<sup>th</sup> U.S. National Congress on Computational Mechanics*. Columbus, OH.
- Huang, C., He, T., Lamy, C., Li, K., Zhou, T., St. Fleur, R., Chang, S. W., Choi, S. H., Li, S., Shen, T., Wang, Y., Yuan, Q.**, Gorden, D., Finch, S. J., Mendell, N. R. (2008) Family Based Linkage Analysis of an MI Endophenotype: Comparison of 3 Study Designs. *Genetic Analysis Workshop 16*. St. Louis, MO.
- Glimm, J., **Ji, X.**, Li, J., Li, X., Zhang, P., Zhang, T., Zheng, Y. (2008) Transonic Shock Formation in a Rarefaction Riemann Problem for the 2D Compressible Euler Equations. *The 12<sup>th</sup> International Conference on Hyperbolic Problems: Theory, Numerics and Applications*. University of Maryland, College Park, MD.
- Ji, Xiaomei**. (2009) An Optimal Order Error Estimate of a Linear Finite Element Method for Smooth Solutions of 2D Systems of Conservation Laws. *Joint Mathematics Meetings (AMS Annual Meetings)*. Washington, DC.
- Kaman, Tulin** (2008) Performance Modeling with Tuning and Analysis Utilities. *NYCCS/Computer Science Seminar*. New York, NY.
- Kaman, Tulin** (2008) Performance Analysis for Blue Gene Systems. *NYCCS/Computer Science Seminar*. New York, NY.
- Kaufman, Ryan** (2008) Uncertainty Quantified: Error Bars for Simulation Based Design. *PSAAP Project Collaboration Meeting*. Stanford University, Stanford, CA.
- Peters, C. A., Celia, M., Li, L., **Kim, D.** (2008) Upscaling Mineral Accessibility and Pore Networks for CO<sub>2</sub> Reactive Transport in Sandstones. *DOE OBES Geosciences Research Program Workshop – Basic Research Relevant to CO<sub>2</sub> Sequestration*. Gaithersburg, MD.

- Kim, J., Zou, J.,** Mitchell, J. S. B., Krozel, J. (2009) Sensitivity of Capacity Estimation Results Subject to Convective Weather Forecast Errors. *AIAA Guidance, Navigation, and Control Conference*. Chicago, IL.
- Arkin, E. M., Hart, G. W., **Kim, J., Kostitsyna, I.,** Mitchell, J. S. B., **Sabhnani, G.,** Skiena, S. S. (2008) The Embroidery Problem. *Proc. 20th Canadian Conference on Computational Geometry*. Montreal, Canada.
- Prete, J., Krozel, J., Mitchell, J. S. B., **Kim, J., Zou, J.** (2008) Flexible, Performance-based Route Planning for Super-Dense Operations. *AIAA Guidance, Navigation, and Control Conference*. Honolulu, HI.
- Kim, J.,** Mitchell, J. S. B., **Polishchuk, V.,** Vihavainen, A. (2008) Routing a Maximum Number of Disks through a Scene of Moving Obstacles. *Proc. 24th Annual ACM Symposium on Computational Geometry (Multimedia Session)*. College Park, MD.
- Kim, J.,** Kroeller, A., Mitchell, J. S. B., **Sabhnani, G.** (2008) Scheduling Aircraft to Reduce Controller Workload. *Proc. 18th Fall Workshop on Computational and Combinatorial Geometry*. Rensselaer Polytechnic Institute, Troy, NY.
- Kim, J., Zou, J.,** Mitchell, J. S. B., Krozel, J. (2009) Sensitivity of Capacity Estimation Results Subject to Convective Weather Forecast Errors. *AIAA Guidance, Navigation, and Control Conference*. Chicago, IL.
- Lim, HyunKyung** (2009) Subgrid Models for Mass and Thermal Diffusion in Turbulent Mixing. *SIAM Conference on Computational Science and Engineering (CSE09)*. Miami, FL.
- Packer, E.** (2008) Computing Multiple Watchman Routes. *Proc. 7th International Workshop on Experimental Algorithms*. Provincetown, MA.
- Polishchuk, V.,** Paakko, A., Mitchell, J. S. B., Krozel, J. (2009) Planning Routes with Wiggle Room in En Route Weather-Impacted Airspaces. *AIAA Guidance, Navigation, and Control Conference*. Chicago, IL.
- Mitchell, J. S. B., **Sabhnani, G.,** Krozel, J., Hoffman, R., Yousefi, A. (2008) Dynamic Airspace Configuration Management based on Computational Geometry Techniques. *AIAA Guidance, Navigation, and Control Conference*. Honolulu, HI.
- Krause, V., Krastoshevsky, O., Myers, C. E., Gluck, M. A., Mendell, N. R., **Shin, S. Y.,** Titone, D., Levy, D. L. (2009) Transfer Generalization in Schizophrenia: Specificity and Co-Familiarity. *International Congress on Schizophrenia Research*. San Diego, CA.
- X. Jiao, **D. Wang,** H. Zha. (2008) Simple and Effective Variational Optimization of Surface and Volume Triangulations. *17th International Meshing Roundtable*. Pittsburgh, PA.
- R. Samulyak, **H. Wei,** J. Glimm. (2009) Computational models for the fracture of inhomogeneous brittle materials. *Plasticity 2009*. St. Thomas, US Virgin Islands.
- R. Samulyak, T. Lu, **L. Wu,** P. Parks. (2008) Simulation of Plasma Jet Driven MTF. *50th Annual Meeting of the Division of Plasma Physics*. Dallas, TX.
- R. Samulyak, T. Lu, **L. Wu,** P. Parks, J. Glimm, X. Li. (2009) ITAPS Based Software for Multiphase Flows in Nuclear Fusion Applications. *SIAM Conference on Computational Science and Engineering*. Miami, FL.
- Wu, Lingling.** (2009) BG, Visit and Swift. *CAM Educational Seminar*. Stony Brook University, Stony Brook, NY.
- R. Samulyak, X. Li, J. Glimm, **L. Wu.** (2009) ITAPS Front tracking technologies and nuclear fusion applications. *SciDAC Review*. Rockville, MD.
- Yang, S.,** Mitchell, J. S. B., **Polishchuk, V.** (2008) *Proc. 18th Fall Workshop on Computational and Combinatorial Geometry*. Rensselaer Polytechnic Institute, Troy, NY.

**Zhao, Yanhong** (2008) Comparison of High Order Algorithms of Normal and Curvature for Meshed Curves and Surfaces. *SIAM Annual Meeting*. San Diego, CA.

Xiaolin Li, James Gimm, Xiangmin Jiao, and **Yanhong Zhao**. (2009) FronTier and Application to Stefan Problems, Precipitation, Phase Transition, and Pricing of American Options. Minisymposium, *SIAM CSE Conference*. Miami, FL.

**Zou, J.**, Krozel, J., Krozel, J., Mitchell, J. S. B. (2009) Two Methods for Computing Directional Capacity Given Convective Weather Constraints. *AIAA Guidance, Navigation, and Control Conference*. Chicago, IL.

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

**Chang, S. W.** (2009) Post-doctoral Fellow. Institute of Biomedical Sciences, *Academia Sinica*, Taipei, Taiwan.

**Bo, W.** (2009) Postdoctoral Researcher. *Brookhaven National Laboratory*, Upton, NY.

**Lim, H.** (2009) Postdoctoral Researcher. AMS Department, *Stony Brook University*, Stony Brook, NY.

❖ **Software Developed**

Jiao, X. and **Chen, Y.** (2009) Open-source software mexCGNS: MEX interface of CGNS (CFD General Notation System) for MATLAB and Octave. More than 150 downloads in two months since release in February 2009. <http://code.google.com/p/mexcgns/>.

# ART

GRADUATE DIRECTOR (PH.D.): JOSEPH MONTEYNE  
(MFA): STEPHANIE DINKINS  
DEPARTMENT CHAIR: ANITA MOSKOWITZ

## ❖ Grants, Fellowships, and Awards

- De la maza Chevesich, Josefina.** (2009). Dissertation Proposal Development Fellowship, two pre-dissertation workshops plus \$5,000 in summer research. *Social Sciences Research Council*, Brooklyn, NY.
- Granger, Kristine.** (2008-2009) Connie and Lee Koppelman Scholarship for Art, \$1,000. *Stony Brook University*, Stony Brook, NY.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Grove, Jaleen.** (in press) Towards Illustration Theory: Harold Rosenberg, Robert Weaver, and the “Action Illustrator?” *Journal of Art Criticism*.
- Macchiavello, Carla.** (in press) A parar el match: arte, política y deporte. *Revista de Estudios Sociales*. Special number on Society and Art.
- Macchiavello, Carla.** (2008) The Intersected Gaze: Diasporic Consciousness in Juan Downey’s Video Trans Americas. In Zaldivar (Ed.), *Video Trans Américas*. Juan Downey exhibition catalogue. Santiago: Galería Gabriela Mistral.
- Modigliani, Leah.** (2009) Nathalie Djurberg. *CMagazine 101* (Spring).
- Modigliani, Leah.** (2008) Democracy in America. *CMagazine 100* (Winter): 38-39.
- Modigliani, Leah.** (2008) Take Your Time: Olafur Eliasson. *CMagazine 99* (Autumn): 44-45.
- Parker, Rachel C.** (2009) Understanding *The End of Art* as a Critique of Arthur Danto. *Art Criticism* 24(1): 101-112.
- Weil, Harry.** (2009) Kara Walker and Black Feminist Video Art. In Howardena Pindell (Ed.), *Kara Walker – Yes – No – ?*. New York: MidMarch Art Press.
- Williams, Moira.** (in press) *20/20 Catalogue*. New York City, NY.

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

- De la Maza Chevesich, Josefina.** (2009) Introducing the World to Himself: Robert Rauschenberg and ROCI Chile. *Latin America: a people without boundaries? 8th Annual Graduate Conference*. LACC, Stony Brook Manhattan, NY.
- Grove, Jaleen.** (2008) Illustrative Fine Art and Artists in Victoria, B.C. *University Art Association of Canada*. York University, Toronto, Ontario.
- Grove, Jaleen.** (2008) On Doing It For Money: Recuperating Women’s Commercial Arts Practices. *Canadian Women’s Art History Initiative*. Concordia University, Montreal, Quebec.
- Grove, Jaleen.** (2009) Artists and Models: Russell Patterson’s Girl and Her Consumers. *Popular Culture Association*. New Orleans, LA.
- Hellstein, Valerie.** (2008) Vital Politics: Herbert Matter, Jackson Pollock, and John Cage. *Society for Literature, Science, and the Arts annual conference*. Charlotte, NC.

- Modigliani, Leah.** (2009) Painting Improved Breeds in the Age of Enlargement. *Invited Public Lecture.* College of the Atlantic, Bar Harbor, ME.
- Rago, Danielle.** (2008) *Artists Lecture Series.* Suffolk Community College, Selden, NY.
- Scott, Christine A.** (2009) Lecturer and Educator. *Impressionist Technique Workshop.* Long Island Museum of American Art, History, and Carriages, Stony Brook, NY.
- Van Scoy, Susan.** (2009) Endless Summer: Tina Barney's Re-Generational Social Landscape Photography. *Framing Time and Place: Repeats and Returns in Photography.* University of Plymouth, Plymouth, UK.
- Van Scoy, Susan.** (2008) Breaking Records: Photography as Evidence in Guinness World Records. *Northeast Popular Culture Association Annual Conference.* UMASS Dartmouth, Dartmouth, MA.
- Wasserman, Andrew.** (2009) 'In the Name of Fun and Observation': The Prescience and Pretension of Shepard Fairey's *Manifesto.* *Text and Partisanship.* Columbia University, New York, NY.
- Wasserman, Andrew.** (2009) Vibrations at the Balcony: Henri Lefebvre and Futurist Dynamics. *Bodies in Motion.* University of Rhode Island, Kingston, RI.
- Wasserman, Andrew.** (2009) Mapping the *Lost City:* Cartography and the Construction of a New Urban Identity. *2009 Northeastern Modern Language Association Convention.* Boston, MA.
- Wasserman, Andrew.** (2008) Giant Stickers and Militant Messages: The Production of Shepard Fairey. *Exploring the Ephemeral.* University of Michigan, Ann Arbor, MI.
- Wasserman, Andrew.** (2008) Finding Lower Manhattan: *Get Lost* and the Limits of Imaginative Remapping. *Storytelling: Playfull Interactions and Spaces of Imagination in Contemporary Visual Culture.* University of Pittsburgh, Pittsburgh, PA.
- Weil, Harry.** (2009) Jew, Fag, South African: Steven Cohen and Performing Identity. *2009 American Comparative Literature Association Conference.* Harvard University, Cambridge, MA.
- Williams, Moira.** (2008) Living Performance. *Artists Lecture Series.* Suffolk Community College, Selden, NY.
- Williams, Moira.** (2009) Visiting Artist Lecture. *School of Visual Art.* New York, NY.

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

- Grove, Jaleen.** (2009) Part time Faculty. *Parsons, The New School of Design.* New York, NY.

❖ **Curatorial Appointments**

- Granger, Kristine.** (2008) Beyond Test Proofs and Prints. *Tabler Center for the Arts.* Stony Brook, NY.
- Williams, Moira.** (2008). GROWTH. *Duck Walk North,* Water Mill, NY.

❖ **Exhibitions/Performances**

- Furtak-Cole, Austin.** (solo) Missed Connections II. *Toast: Alternative Art Space,* Port Jefferson, New York, 2009.
- Granger, Kristine.** (group) Project Blow-Up. *Parrish Art Museum,* South Hampton, NY, 2008.
- Granger, Kristine.** (group) Queens International 4. *Queens Museum of Art,* Flushing, NY, 2009.

## Art

**Hayes, Shannan.** (group) Yielding Narrativity- Everything Will Be OK. *Stony Brook Manhattan*, New York, NY, 2009.

**Heifferon, Elizabeth D.** (group) Best of SUNY. *SUNY Albany*, Albany, NY, 2009.

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

**Modigliani, Leah.** (group) Arena: The Art of Hockey. *Art Gallery of Alberta*, Edmonton, Alberta.

**Modigliani, Leah.** (group) Arena: The Art of Hockey. *Musée Juste pour rire*, Montreal, Quebec.

**Modigliani, Leah.** (group) Hockey Town. *MacLaren Art Centre*, Barrie, Nova Scotia.

**Modigliani, Leah.** (group) Political Draw. *Walter Maciel Gallery*, Los Angeles, CA.

**Peña, Verónica** (group) Project Blow-Up. *Parrish Art Museum*, Southampton, NY, 2008.

**Weiner, David** (group) Two-person exhibition. *Mount Beacon Fine Art Gallery*, Beacon, NY, 2008.

**Weiner, David** (group) Art-bridge: First Exposure. *London Terrace Towers*, West Chelsea, NY, 2009.

**Weiner, David** (solo) Energy Impressions. *Main Street*, Beacon, NY, 2008.

**Williams, Moira.** (group) GROWTH. *Duck Walk North*, Water Mill, NY, 2008.

**Williams, Moira.** (solo) ODE. *D.U.M.B.O.* Brooklyn, NY, 2008.

**Williams, Moira.** (solo) Exchange. *Paula Cooper Gallery*. New York, NY, 2008.

**Williams, Moira.** (solo) ODE. *The Armory Art Fair*. New York, NY, 2009.

### ❖ Internship Appointments

**Hayes, Shannan.** (2009) Exhibition Assistant. *EFA ( Elizabeth Foundation for the Arts) Project Space*, New York, NY.

**Scott, Christine A.** (2008 – 2009) Guest Curator. *Long Island Museum of American Art, History, and Carriages*, Stony Brook, NY.

**Weil, Harry.** (Summer 2009) Intern. *National Gallery of Art*, Washington D.C.

**Weil, Harry.** (2008-2009) Curatorial Intern. *Sackler Center for Feminist Art, Brooklyn Museum*, Brooklyn, NY.

### ❖ Other

**Granger, Kristine.** (2009) *Recherché* (exhibition catalog editor). SAC Gallery. Stony Brook, NY.

**Scott, Christine.** Interviewed by Jennett Meriden Russell and Featured Lecturer and Educator in article for “Impressionist Technique Workshop.” Long Island Museum of American Art, History, and Carriages, Stony Brook, NY which was published in *The Press of Manorville & the Moriches*. Article entitled “Creating Something as Lovely as a Tree.”



# BIOCHEMISTRY AND STRUCTURAL BIOLOGY

GRADUATE DIRECTOR: ERWIN LONDON

DEPARTMENT CHAIR: ROBERT HALTIWANGER

## ❖ Grants, Fellowships, and Awards

**Wickstrom, Lauren.** (2008) Travel Award, \$300. *Stony Brook University Chapter of Sigma Xi*. Stony Brook, NY.

**Melief, Eduard H.** (2008) Award for Poster. *Chemical Biology and Drug Discovery*, Stony Brook University Wang Center, Stony Brook, NY.

## ❖ Jointly Authored Publications/Research Reports/Reviews

**Aucoin, D., Camenares D., Smith, SO.** (2009) Penetration of Aromatic Residues into Membrane Bilayers: A New Approach. *Biophysical Journal* 96 (30) Supplement 1: 453a.

**Aucoin, D., Camenares D., Zhao X., Jung, J. Sato, T., Smith SO.** (2009) High-resolution 1H MAS RFDR NMR of biological membranes. *Journal of Magnetic Resonance* 197 (1): 77-86.

Elalami, A, **Baessler, K.,** Kong, F., Sampson, N. S., Kreit, J. (2008) Subcellular forms of cholesterol oxidase from *Rhodococcus* sp. CIP 105 335: induction, solubilization and characterization. In Antonio Mendez-Vilas (Ed.), *Current Research Topics in Applied Microbiology and Microbial Biotechnology*. World Scientific Publishing.

**Baessler, K.,** Lee, Y., Sampson, N. S. (in press)  $\beta_1$  Integrin is an adhesion protein for sperm binding to eggs. *ACS Chem. Biology*.

**Chen, Y.,** Jakoncic, J., Carpino, N., Nassar, N. (in press) Structural and Functional Characterization of the 2H-Phosphatase Domain of Sts-2 Reveals an Acid-Dependent Phosphatase Activity. *Biochemistry*.

**Chen, Y.,** Jakoncic, J., Wang, J., Zheng, X., Carpino, N., Nassar, N. (2008) Structural and functional characterization of the C-terminal domain of the ecdysteroid phosphate phosphatase from *Bombyx mori* reveals a new enzymatic activity. *Biochemistry* 47: 12135-45.

**Wickstrom, L.,** Okur, A; Simmerling, C. (in press) Evaluating the Performance of the FF99SB Force Field Based on NMR Scalar Coupling Data. *Biophys. J.*

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

**Baessler, Keith,** Lee, Y., and Sampson, N. (2008) Probing the Mechanisms Behind Inhibition of Fertilization and Activation of Development by Fertilin $\beta$  Derived Oligopeptide Polymers. *New York Academy of Science, Chemical Biology Discussion*, New York, NY.

## ❖ Post-Doctorates Obtained and Professional Appointments

**Wickstrom, Lauren** (2009) Post-Doctoral Researcher. Department of Chemistry, *Rutgers University*, Piscataway, NJ.

# BIOMEDICAL ENGINEERING

GRADUATE DIRECTOR: HELMUT STREY  
DEPARTMENT CHAIR: CLINTON RUBIN

## ❖ Grants, Fellowships, and Awards

**Sheriff, Jawaad.** (2008) Honorable Mention, PhD Student Paper Competition. *2008 Summer Bioengineering Conference*, Marco Island, FL.

## ❖ Jointly Authored Publications/Research Reports/Reviews

Rissland, P., **Alemu, Y.**, Einav, S., Ricotta, J. & Bluestein, D. (2009) Abdominal Aortic Aneurysm Risk of Rupture: Patient-Specific FSI Simulations Using Anisotropic Model. *J Biomech. Eng.* 131(3): 031001.

Ricotta J, Pagan, J., Xenos, M., **Alemu, Y.**, Einav, S. & Bluestein, D. (2008) Cardiovascular disease management: the need for better diagnostics. *Med Biol Eng Comput.* 46(11): 1059-68.

**Bai, Yan**, Siu, Kin L., Ashraf, Salman, Faes, Luca, Nollo, Giandomenico, and Chon, Ki H. (2008) Nonlinear coupling is absent in acute myocardial patients but not healthy subjects. *Am J Physiol Heart Circ Physiol* 295(2): H578-H586.

**Bai, Yan**, Mahon Recard T., White, Joseph C., Brink, Peter R., and Chon, Ki H. (2009) Impairment of the autonomic nervous function during decompression sickness in swine. *J Appl Physiol* 106(3): 1004-1009.

**Chen, Jiong**, Joerg, Lehnert, Zhao, Wei, O'Connor, Paul, De Geronimo, Gianluigi, Dolazza, Enrico, Tousignant, Oliver, Laperrière, Luc & Greenspan, Jonathan (in press) Feasibility of amorphous selenium based photon counting detectors for digital breast tomosynthesis. *SPIE Conference Proceedings*: 7258-51.

**Cordovez, Juan M.**, Clausen, Chris, Moore, Leone C. and Solomon, Irene C. (2008) Exploring the mechanisms for pH regulation in central respiratory chemoreceptors using a Mathematical Model. *FASEB J.* 22: 1172-1177.

Allaire, M., Moiseeva, N., Botez, C.E., **Engel, M.A.** and Stephens, P.W. (2009) On the Possibility of Using Polycrystalline Material in the Development of Structure-Based Generic Assays. *Acta Crystallographica Section D*: D65.

**Falabella, C.A.**, Frame, M., Chen, W. (in press) In vivo validation of biological responses of bFGF released from microspheres formulated by blending poly-lactide-co-glycolide and poly(ethylene glycol)-grafted-chitosan in hamster cheek pouch microcirculatory models. *Journal of Biomaterials Science, Polymer Edition*.

**Falabella, C.A.**, Melendez, M.M., Weng, L, Chen, W. (in press) Novel macromolecular crosslinking hydrogel to reduce intra abdominal adhesions. *Journal of Surgical Research*.

**Holguin, Nilsson**, Muir, Jesse, Rubin, Clinton & Judex, Stefan (in press) Short Applications of Very Low-Magnitude Vibrations Attenuate Expansion of the Intervertebral Disc during Extended Bed Rest. *Spine J.*

Bai, Yan, **Siu, Kin L.**, Ashraf, Salman, Faes, Luca, Nollo, Giandomenico, and Chon, Ki H. (2008) Nonlinear coupling is absent in acute myocardial patients but not healthy subjects. *Am J Physiol Heart Circ Physiol* 295(2):H578-H586.

- Chiang, Fu-Pen. **Uzer, Gunes** (2008) Measuring Shape and Surface Strain of 3D Objects Using Digital Speckle Photography. *Strain* 44(5): 409-416.
- Chiang, Fu-Pen. **Uzer, Gunes** (2009) Mapping full field deformation of auxetic foams using digital speckle photography. *Physica Status Solidi b*, 245(11): 2391-2394 .
- Yuan, Zhijia**, Wang, Zhenguo, Rubin, Liu, Jingxuan, Cohen, Harris & Pan, Yingtian (2008) High-resolution imaging diagnosis and staging of bladder cancer: comparison between optical coherence tomography and high-frequency ultrasound . *Journal of Biomedical Optics* 13(05): 054007.
- Luo, Zhongchi, **Yuan, Zhijia**, Tully, Melissa, Pan, Yingtian & Du, Congwu (2009) Quantification of cocaine-induced cortical blood flow changes using laser speckle contrast imaging and Doppler optical coherence tomography. *Applied Optics* 48(10): D247-D255.
- Yuan, Zhijia**, Luo, Z. C., Ren, H. G., Du, C. W., Pan, Yingtian (2009) A digital frequency ramping method for enhancing doppler flow imaging in Fourier-domain optical coherence tomography. *Optics Express* 17(5): 3951-3963.
- Silva, Maricris, R., **Yuan, Zhijia**, Jae, Hun Kim, Zhenguo, Wang, Hoyos, Melissa, Pan, Yingtian & Gouldstone, Andrew (2009) Spherical indentation of lungs: Experiments, modeling and sub-surface imaging. *Journal of Material Research* 24(3): 1156-1166.

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

- Adler, B.** Luu, Y.K., Ozcivici, E., Judex, S. & Rubin, C.T. (2009) Mechanically Biasing the Bone and Fat Phenotype: Long Term (6 month) Exposure to Low Magnitude Mechanical Stimulation Suppresses Adiposity and Promotes Osteogenesis. *ASBMR Topical Meeting New Frontiers in Skeletal Research: Bone, Fat and Brain Connections*. Bethesda, MD.
- Bluestein, D., **Alemu, Y.**, Xenos, M., Rissland, P., Sheriff, J., Gruberg, L., Einav, S., Ricotta, J. (2008) Risk of Rupture in Abdominal Aortic Aneurysms and Vulnerable Plaques: A Patient Based Fluid Structure Interaction Approach. *ASME 2008 Summer Bioengineering Conference*. Marco Island, FL.
- Alemu, Y.**, Xenos, M., Deng, Y., Feng, R., Einav, S. & Bluestein, D. (2008) Damage Accumulation Model of Prosthetic Heart Valves in Forward and Reverse Flow Phases. *ASME 2008 Summer Bioengineering Conference*. Marco Island, FL.
- Alemu, Y.**, Xenos, M. & Bluestein, D. (2008) Valve performance based on platelet stress accumulation and damage: Turbulent and direct numerical simulations. *2008 BMES Annual Fall Meeting*. St. Louis, MO.
- Xenos, M., **Alemu, Y.**, Sheriff, J., Gruberg, L., Ricotta, J., & Bluestein, D. (2008) Risk of Rupture in Patient Based Abdominal Aortic Aneurysms and Vulnerable Plaques. *2008 BMES Annual Fall Meeting*. St. Louis, MO.
- Boronikolas, Vasilios**, Ruppell M., Miller L, Judex S. (2008) Changes in Chemical, Mechanical, and Structural Properties of Lamellar Bone during Young Adulthood. *ASBMR 30<sup>th</sup> Annual Meeting 2008*. Montreal, Canada.
- Tommasini, S. M., **Boronikolas, Vasilios**, Titan, A., Pamon, T., Lublinsky, S., Miller, L. M., & Judex, S. (2009) Short-Term, High-Dose ALN Treatment Has a Greater Effect on Bone Quality Compared to PTH. *ORS 55th Annual Meeting*. Las Vegas, NV.

- Chen, Jiong**, Joerg, Lehnert, Zhao, Wei, O'Connor, Paul, De Geronimo, Gianluigi, Dolazza, Enrico, Tousignant, Oliver, Laperrière, Luc & Greenspan, Jonathan (2009) Feasibility of amorphous selenium based photon counting detectors for digital breast tomosynthesis. *SPIE Conference*. Orlando, FL.
- Chen, Xinnian**, Cordovez, Juan M., Ki, H., Chon, Solomon, Irene C. (2008) Identification and characterization of nonlinear interaction patterns in phrenic nerve discharge from arterially-perfused adult rat using bispectral analysis. *38th Annual Meeting of the Society for Neuroscience*. Washington, D.C.
- Cordovez, Juan M.**, Clausen, Chris, Moore, Leone and Solomon, Irene C. (2008) Influence of cell volume regulation on intracellular pH (pH<sub>i</sub>) regulation during hypercapnic acidosis in non-chemosensitive neurons: views from a mathematical model. *38th Annual Meeting of the Society for Neuroscience*. Washington, D.C.
- Chen, Xinnian, **Cordovez, Juan M.**, Ki, H., Chon, Solomon, Irene C. (2008) Identification and characterization of nonlinear interaction patterns in phrenic nerve discharge from arterially-perfused adult rat using bispectral analysis. *38th Annual Meeting of the Society for Neuroscience*. Washington, D.C.
- Cordovez, Juan M.**, Oneal, Marvin III, Provitera, Paxton & Somon, Irene (2008) Relationship between patterns of phrenic motor output evoked by chemical stimulation of the cat pre-Bötzing complex and the 3-dimensional anatomical distribution of the microinjection sites. *37th Annual Meeting of the Society for Neuroscience*. San Diego, CA.
- Engel, M.**, Studier, F.W. & Allaire, M. (2008) Biophysical Characterization of an N-terminal Domain of Hepatitis C Core Protein Involved in Viral Assembly. *2008 Joint NSLS and CFN Users' Meeting*. Brookhaven National Laboratory, Upton, NY.
- Feng, Xin**. (2009) Genome-wide profiling of *D. melanogaster* insulator binding proteins reveals dual roles in transcriptional regulation. *ENCODE and modEncode Consortia*. Washington, D.C.
- Feng, Xin**. (2009) Genome-wide profiling of *D. melanogaster* insulator binding proteins reveals dual roles in transcriptional regulation. *Bioinformatics Seminar of Cold Spring Harbor Lab*. Cold Spring Harbor, NY.
- Green, D.**, Sitharaman, S. (2008) The Effect of Single Wall Carbon Nanotube Facilitated Thermoacoustic Stimulation on Marrow Stromal Cells. *Tissue Engineering and Regenerative Medicine International Society 2008 Annual Conference*. San Diego, CA.
- Green, D.**, Longtin, J., Sitharaman, B. (2009) Single-Walled Carbon Nanotube Facilitated Photoacoustic Stimulation on Marrow Stromal Cells Towards Osteoblasts. *Northeast Bioengineering Conference*. Boston, MA.
- Sitharaman, Balaji, Swierczewska, M. & **Green, D.** (2008) Carbon Nanotube-Based Contrast Agents for Magnetic Resonance Imaging and Optical Imaging. *Biomedical Engineering Society (BMES) Annual Meeting*. St. Louis, MO.
- Holguin, Nilsson** (2009) Short Applications of Very Low-Magnitude Vibrations Alter Morphology and Biochemical Composition of the Intervertebral Disc during Hind-limb Unloading. *55th Annual Meeting of the Orthopaedic Research Society*. Las Vegas, NV.
- Adler, B. Luu, Y.K., **Ozcivici, E.**, Judex, S. & Rubin, C.T. (2009) Mechanically Biasing the Bone and Fat Phenotype: Long Term (6 month) Exposure to Low Magnitude Mechanical Stimulation Suppresses Adiposity and Promotes Osteogenesis. *ASBMR Topical Meeting New Frontiers in Skeletal Research: Bone, Fat and Brain Connections*. Bethesda, MD.
- Rubin, Denis**, Hajcak G., Mujica-Parodi L.R. (2009) Effect of Human Alarm Pheromones on Physiology and Behavior. *Cognitive Neuroscience Meeting*. San Francisco, CA.
- Boronikolas, Vasilios, **Ruppell M.**, Miller L, Judex S. (2008) Changes in Chemical, Mechanical, and Structural Properties of Lamellar Bone during Young Adulthood. *ASBMR 30<sup>th</sup> Annual Meeting 2008*. Montreal, Canada.

- Bluestein, D., Alemu, Y., Xenos, M., Rissland, P., **Sheriff, J.**, Gruberg, L., Einav, S., Ricotta, J. (2008) Risk of Rupture in Abdominal Aortic Aneurysms and Vulnerable Plaques: A Patient Based Fluid Structure Interaction Approach. *ASME 2008 Summer Bioengineering Conference*. Marco Island, FL.
- Xenos, M., Alemu, Y., **Sheriff, J.**, Gruberg, L., Ricotta, J., & Bluestein, D. (2008) Risk of Rupture in Patient Based Abdominal Aortic Aneurysms and Vulnerable Plaques. *2008 BMES Annual Fall Meeting*. St. Louis, MO.
- Sheriff, Jawaad**, Jesty, J., & Bluestein, D. (2008) Platelet Damage Accumulation and Sensitization Due to Hemodynamic Shear Stresses: an *In Vitro* Study. *2008 Summer Bioengineering Conference*. Marco Island, FL. *2008 BMES Annual Fall Meeting*. St. Louis, MO..
- Pramanik, Manojit, Ku, G., Li, C., **Swierczewska, M.**, **Green, D.**, Sitharaman, B., Wang, V.W. (2009) Novel Breast Cancer Detection System Combining Both Thermoacoustic (TA) and Photoacoustic (PA) Tomography Using Carbon Nanotubes (CNTs) as a Dual Contrast Agent. *Society of Photo-Optical Instrumentation Engineers (SPIE) Photonics West Meeting*. San Jose, CA. *Biomedical Engineering Society (BMES) Annual Meeting*. St. Louis, MO.
- Hajicharalambous, Christina, Sheng, X., Hix, W., **Swierczewska, M.**, Rubner, M.F. & Rajagopalan, P. (2008) Nanoporous Polyelectrolyte Multilayers: Biomimetic Surfaces for Corneal Epithelial Cells. *American Institute of Chemical Engineers (AIChE) Annual Meeting*. Philadelphia, PA. *Biomedical Engineering Society (BMES) Annual Meeting*. St. Louis, MO.
- Sitharaman, Balaji, **Swierczewska, M.** & Green, D. (2008) Carbon Nanotube-Based Contrast Agents for Magnetic Resonance Imaging and Optical Imaging. *Biomedical Engineering Society (BMES) Annual Meeting*. St. Louis, MO.
- Swierczewska, Magdalena**, Miller, L. & Sitharaman, B. (2008) Uptake and Intracellular Fate of Metals Encapsulated in Carbon Nanotubes within Cells. *Tissue Engineering and Regenerative Medicine International Society (TERMIS) North American Annual Conference*. San Diego, CA.

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

- Chung, Chung-Yin.** (2008) Assistant Research Scientist. *New York University Medical Center*, New York, NY.
- Korgaonkar, Mayuresh.** (2009) Senior Neuro-imaging Scientist. *The Brain Dynamics Center, West Meade Hospital*, Sydney, Australia.
- Lam, Hoyan.** (2008) Analyst. *HealthACE*, New York, NY.
- Levine, Jacob.** (2008) Postdoctoral Associate. *Setpoint Medical, Feinstein Institute*, Manhasset, NY.
- Luu, Yen Kim.** (2008) Postdoctoral Fellow. *Albert Einstein College of Medicine*, Dept. of Medicine, Bronx, NY.
- Ozcivici, Engin.** (2009) Postdoctoral Research Associate. Dept. of Biomedical Engineering, *Stony Brook University*, Stony Brook, NY.
- Siu, Kin.** (2009) Postdoctoral Research Associate. Dept. of Anesthesiology, *UCLA*, Los Angeles, CA.
- Zhang, Chaolin.** (2008) Postdoctoral Associate. *Rockefeller University*, New York, NY.

❖ **Patents**

- Chen, W., Weng, L.H., **Falabella, C.A.** & Ivanova, N. (Filed, 08/2008) *Composite Microspheres*.US 61/087,161 (*pending*).

## Biomedical Engineering

### ❖ Internship Appointments

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

### ❖ Other

**Engel, Matthew.** (2008) Consultant. Information Systems, *Westbury Diagnostics, Inc.*, Westbury, NY.

# CHEMISTRY

GRADUATE DIRECTOR: NANCY S. GOROFF

DEPARTMENT CHAIR: BENJAMIN S. HSIAO

## ❖ Grants, Fellowships, and Awards

**Chen, Hailong.** (2008) Sigma Xi Excellence in Research. *Sigma Xi: The Scientific Research Society, Stony Brook Chapter*, Stony Brook, NY.

**Das, Manisha.** (2008) Travel Award. *Ajinomoto*, Philadelphia, PA.

**Kellie, Morgan.** (2008) IGERT Fellowship. \$30,000. *National Science Foundation*, Arlington, VA.

**St. Fleur, Natalie.** (2008 – 2009) Turner Dissertation Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.

**Thomas, Suzanne.** (2008) GAANN Award, \$30,000. *US Department of Education*, Washington, D.C.

**Zhou, Hongjun.** (2008) Sigma Xi Excellence in Research. *Sigma Xi: The Scientific Research Society, Stony Brook Chapter*, Stony Brook, NY.

## ❖ Jointly Authored Publications/Research Reports/Reviews

**Baessler, K.**, Lee, Y., Sampson, N. S. (in press)  $\beta_1$  Integrin is an Adhesion Protein for Sperm Binding to Eggs. *ACS Chem. Biology*.

Elalami, A., **Baessler, K.**, Kong, F., Sampson, N. S., Kreit, J. (2008) Subcellular forms of cholesterol oxidase from *Rhodococcus* sp. CIP 105 335: induction, solubilization and characterization. In Mendez-Vilas, A. (Ed.), *Current Research Topics in Applied Microbiology and Microbial Biotechnology*. World Scientific Publishing.

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., Tarabella, C., Webb, J. (2008) Pressure-Induced Polymerization of Diiodobutadiyne in Assembled Cocrystals. *J. Am. Chem. Soc.* 130(13): 4415-4420.

**Chen, H.L.**, Grey C. P. (2008) Molten Salt Synthesis and High Rate Performance of the “Desert Rose” form of  $\text{LiCoO}_2$ . *Advanced Materials* 20(11): 2206-2211.

Ojima, I., **Das, Manisha.** (2009) Recent Advances in the Chemistry and Biology of New Generation Taxoids. *J. Nat. Prod.* 72(3): 554-565.

Pollina-Cormier, E., **Das, M.**, Ojima, I. (2009) Approved Active Pharmaceutical Ingredients Containing Fluorine. In I. Ojima (Ed.), *Fluorine in Medicinal Chemistry & Chemical Biology*. United Kingdom: Wiley.

**Ding, Fangyu**, Layten, Melinda, Simmerling, Carlos. (2008) Solution Structure of HIV-1 Protease Flaps Probed by Comparison of Molecular Dynamics Simulation Ensembles and EPR Experiments. *Journal of the American Chemical Society* 130(23): 7184-7185.

Galiano, Luis, **Ding, Fangyu**, Veloro, M Angelo, Blackburn, E. Mandy, Simmerling, Carlos, Fanucci, E. Gail (2009) Drug Pressure Selected Mutations in HIV-1 Protease Alter Flap Conformations. *Journal of the American Chemical Society* 131(2): 430-431.

**Ding, Fangyu**, Simmerling, Carlos. (in press) Studies of the Dynamic Behavior of HIV-1 Protease by Molecular Dynamics Simulations. *Medicine and Life Sciences*.

- Hammond, K. D., **Dogan, F.**, Tompsett, G. A., Agarwal, V., Conner, C. W., Grey, C. P., Auerbach, S. M. (2008) Spectroscopic Signatures of Nitrogen-Substituted Zeolites. *Journal of the American Chemical Society* 130(45): 14912-14913.
- Dufour, Antoine**, Sampson, Nicole, Zucker, Stanley and Cao, Jian. (2008) Role of the Hemopexin Domain of Matrix Metalloproteinases in Cell Migration. *J Cell Physiol* 217(3): 643-51.
- Meredith, Jeffrey, **Dufour, Antoine**, Bruch, Martha. (2009) Comparison of the Structure and Dynamics of the Antibiotic Peptide Polymyxin B and the Inactive Nonapeptide in Aqueous Trifluoroethanol by NMR Spectroscopy. *J Phys Chem B* 113(2): 544-51.
- Rowehl, Rebecca, Crawford, Howard, **Dufour, Antoine**, Ju, Jingfang, Botchkina, Galina. (2008) Genomic Analysis of Prostate Cancer Stem Cells Isolated from a Highly Metastatic Cell Line Cancer Genomics & Proteomics. *Cancer Genomics & Proteomics* 6: 301-10.
- Botchkina, Inna, Rowehl, Rebecca, Rivadeneira, David, Karpeh, Martin, Crawford, Howard, **Dufour, Antoine**, Ju, Jingfang, Wang, Yu, Leyfman, Yan, Botchkina, Galina. (in press) Phenotypic Subpopulations of Metastatic Colon Cancer Stem Cells: Genomic Analysis. *Cancer Genomics & Proteomics*.
- Huo, Hua**, Peng, Luming, Grey, P. Clare. (in press) Low Temperature <sup>1</sup>H MAS NMR Spectroscopy Studies of Proton Motion in Zeolite HZSM-5. *Journal of Physical Chemistry C*.
- Key B.**, Bhattacharyya, R., Morcrette, M., Seznec, V., Tarascon, J.M., Grey, C.P. (in press) Real-Time NMR Investigations of Structural Changes in Silicon Electrodes for Lithium-Ion Batteries. *Journal of American Chemical Society*.
- Lu, Hao**, England, K., am Ende, C., Truglio, J.J., Luckner, S., Reddy, B.G., Marlenee, N.L., Knudson, S.E., Knudson, D.L., Bowen, R.A., Kisker, C., Slayden, R.A., Tonge, P.J. (2009) Slow-onset Inhibition of the FabI enoyl reductase from *francisella tularensis*: residence time and *in vivo* activity. *ACS Chem. Biol.* 4(3): 221-231.
- Luo, L.**, Wilhelm, C., Sun, A., Grey, C. P., Lauher, J. W., Goroff, N.S. (2008) Poly(diiododiacetylene): Preparation, isolation, and full characterization of a very simple poly(diacetylene). *J. Am. Chem. Soc.* 130(24): 7702-7709.
- 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., Webb, J. A. (2008) Pressure-induced polymerization of diiodobutadiyne in assembled co-crystals. *J. Am. Chem. Soc.* 130(13): 4415-4420.
- St. Fleur, N.**, Hilli, J. C., Mayr, A. (2009) Synthesis of Alkynyl (tricarbonyl) Rhenium Complexes Containing a Lightly Coordinated Diamine Ligand. *Inorganica Chimica Acta* 362: 1571-1576.
- Sideris, P.**, Nielsen, U.-G., Gan, Z., Grey, C. P. (2008) Mg/Al Ordering in Layered Double Hydroxides Revealed by Multinuclear NMR Spectroscopy. *Science* 321: 113-117.
- Wontcheu, J., Bensch, W., Wilkening, M., Heitjans, P., Indris, S., **Sideris, P.**, Grey, C. P., Mankovsky, S., Ebert, H. (2008) Tuning the Structural and Physical Properties of Cr<sub>2</sub>Ti<sub>3</sub>Se<sub>8</sub> by Lithium Intercalation: A Study of the Magnetic Properties, Investigation of ION Mobility with NMR Spectroscopy and Electronic Band Structure Calculations. *Journal of American Chemical Society* 130: 288-289.
- Song, A.**, Parker, K. A., Sampson, N. S. (2009) Synthesis of copolymers by alternation ROMP (AROMP). *J. Am. Chem. Soc.* 131: 3444-3445.
- Kruh, N. A., Borgaro, J. G., Ruzsicska, B. P., **Xu, H.**, and Tonge, P. J. (2008) A Novel Interaction Linking The FASII and PDIM Biosynthetic Pathways. *J. Biol. Chem.* 283(46): 31719-25.
- Luo, L., **Wilhelm, C.**, Sun, A., Grey, C. P., Lauher, J. W., Goroff, N.S. (2008) Poly(diiododiacetylene): Preparation, isolation, and full characterization of a very simple poly(diacetylene). *J. Am. Chem. Soc.* 130(24): 7702-7709.



**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., Webb, J. A. (2008) Pressure-induced polymerization of diiodobutadiyne in assembled co-crystals. *J. Am. Chem. Soc.* 130(13): 4415-4420.

**Zhou, Hongjun**, Zhou, Wei-ping, Adzic, Radoslav R. and Wong, Stanislaus S. (2009) Enhanced Electrocatalytic Performance of One-Dimensional Metal Nanowires and Arrays Generated via an Ambient, Surfactantless Synthesis. *J. Phys. Chem. C.* 113: 5460-5466.

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

**Baessler, K.A.**, Lee, Y., and Sampson, N. S. (2008) Probing the Mechanisms Behind Inhibition of Fertilization and Activation of Development by Fertilin $\beta$  Derived Oligopeptide Polymers. *New York Academy of Science, Chemical Biology Discussion*. New York, NY.

**Buannic, L.**, Holmes, L., Grey, C. P. (2008) NMR Study of Electrolyte Materials for Solid Oxide Fuel Cells: Yttrium doped barium zirconate. *236<sup>th</sup> ACS National Meeting & Exhibition*. Philadelphia, PA.

**Buannic, L.** (2008) National School of Neutron and X-ray Scattering. *Workshop*. Argonne National Laboratory, Argonne, IL. Oak Ridge National Laboratory, Oak Ridge, TN.

**Buannic, L.** (2008) Winter School on New Carbon based Materials and Functional Oxides. *ICMS – ICMR Workshop*. Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India.

**Chen, H.L.**, Grey, C.P. (2008) Controlling the Size and Morphology of Electrode Materials for Lithium Ion Batteries: Strategy, Methods and Mechanism. *14<sup>th</sup> International Meeting on Lithium Batteries*. Tianjin, China.

**Das, Manisha**, Ojima, I. (2009) Synthesis and biological evaluation of novel taxoid for PET studies. *238<sup>th</sup> ACS National Meeting*. Washington, D.C.

**Das, Manisha**, Ojima, I. (2008) Synthesis and Biological Evaluation of Novel Tumor-Targeting Folate-Taxane Conjugates. *236<sup>th</sup> ACS National Meeting*, Philadelphia, PA. *Annual ICB&DD Symposium*. Stony Brook, NY. *Chemistry Research Day*. Stony Brook, NY.

Avti, P., **Das, Manisha**, Rajamani, S., Li, H., Ojima, I., Sitharaman, B. (2008) Chemical Functionalization of Gd@SWNTs for Simultaneous Molecular Imaging and Therapy. *Annual ICB&DD Symposium*. Stony Brook, NY.

**Dervisoglu, Riza**, Lee, Yeuh-Lin, Holmes, Lesley, Key, Baris, Middlemiss, Derek, Morgan, Dane, Grey, P. Clare. (2008) A Combined Time-Resolved In-Situ PDF and Theoretical Study of Ba<sub>2</sub>In<sub>2</sub>O<sub>5</sub>. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.

**Ding, Fangyu**, Simmerling, Carlos. (2008) Study the Flexibility of the Flap Regions of HIV-1 PR by Molecule Dynamic Simulation. *40<sup>th</sup> Middle Atlantic Regional Meeting*. Bayside, NY.

**Ding, Fangyu**. (2008) The Transition Between the Closed and Semi-Open Form of apo HIV-1 Protease Through the Rearrangement of Hydrophobic Cores. *236<sup>th</sup> ACS National Meeting & Exhibition*. Philadelphia, PA.

**Ding, Fangyu**, Simmerling, Carlos. (2008) Drug Pressure Selected Mutations in HIV-1 Protease Alter Flap Conformations. *2<sup>nd</sup> Institute of Chemical Biology and Drug Discovery Symposium*. Stony Brook University, Stony Brook, NY.

**Dogan, F.**, Hammond K. D., Auerbach S. M., Grey C. P. (2008) Applications of Solid State MAS NMR in Structural Characterization of Amine Substituted Zeolites. *50<sup>th</sup> Rocky Mountain Conference on Analytical Chemistry*. Breckenridge, CO.

- Gao, Jin.** (2008) ChoD is Important for Lipid Modification in *M. smegmatis*. 236<sup>th</sup> ACS National Meeting & Exposition. Philadelphia, PA. ICB & DD Annual Symposium. Stony Brook University, Stony Brook, NY. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.
- Huo, Hua.** (2008) Probing Brønsted Acid Sites in Zeolite HY and HZSM-5 with Low Temperature <sup>17</sup>O and <sup>1</sup>H MAS NMR Spectroscopy. 50<sup>th</sup> Rocky Mountain Conference on Analytical Chemistry. Breckenridge, CO.
- Key, B.,** Bhattacharyya, R., Morcrette, M., Seznec, V., Tarascon, J. M., Grey, C. P. (2008) Solid State NMR and Pair Distribution Function Studies to Investigate the Changes in Short Range Order in Silicon Anodes. PRIME 2008 – 214<sup>th</sup> Meeting of ECS. Honolulu, HI.
- Key, B.,** Bhattacharyya, R., Chen, H., Grey, C. P. (2008) In-situ Solid State NMR Studies of High Rate Lithium-ion Batteries. PRIME 2008 – 214<sup>th</sup> Meeting of ECS, Honolulu, HI. (poster)
- Kim, Jongsik,** Keinia, Julmis, Ulla-Gro, Nielsen, Younkee, Paik, Grey, C. P. (2008) Multi-nuclear Solid State NMR Study of Adsorption and Local Environments in the Iron Soil Minerals, a, B, and γ-FeOOH. 50<sup>th</sup> Rocky Mountain Conference on Analytical Chemistry. Breckenridge, CO.
- Kunal, Kumar,** Zanardi, Ilaria, Ruzsicska, Bela, Slayden, A. Richard, Walker, G. Stephen, Ojima, Iwao. (2008) SAR Study on Novel Benzimidazoles as Potential Broad-Spectrum Antibacterial Agents Targeting FtsZ. 236<sup>th</sup> National ACS Meeting & Exposition. Philadelphia, PA.
- Lee, Siyeon,** Sampson, N. S. (2008) Development of Photoaffinity based ROMP Polymer for Identifying the Receptors on the Eggs. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.
- Lu, Hao.** (2009) Slow-onset Inhibitors of the Enoyl Reductase Increase *in vivo* Antibacterial Activity. A New Approach for AntiTuberculosis Drug Development. *Keystone Symposia Tuberculosis: Biology, Pathology and Therapy*. Keystone, CO.
- Kellie, Morgan,** Cabana, Jordi, Sideris, Paul, Kim, Jongsik, Nielsen, Ulla Gro, Grey, P. Clare. (2008) Sorption and Structural Studies of Manganese Oxides via <sup>23</sup>Na MAS NMR, Abstracts of Papers. 236<sup>th</sup> National ACS Meeting & Exposition. Philadelphia, PA.
- Kellie, Morgan;** Cabana, Jordi; Sideris, Paul; Kim, Jongsik; Nielsen, Ulla Gro, Grey, P. Clare. (2008) Investigation of Sodium Manganese Oxide Model Compounds and Local Environments of Sodium in Synthetic Analogues of Naturally Occurring Manganese Oxides by <sup>23</sup>Na Solid State NMR. *Synchrotron Environmental Science IV*. San Francisco, CA.
- Machutta, Carl.** (2008) Slow Onset Inhibition of KasA by Thiolactomycin: Mechanistic Insights and Lead Optimization Experiments. *Bioorganic Gordon Research Conference*. Proctor Academy, Andover, NH.
- Machutta, Carl.** (2008) Slow Onset Inhibition of KasA by Thiolactomycin: Mechanistic and Structural Insights for Anti-Bacterial Drug Discovery. *Rudolf Virchow Zentrum Annual Retreat*. Rothenburg ob der tauber, Bavaria, Germany.
- Machutta, Carl.** (2008) Slow Onset Inhibition of KasA by Thiolactomycin: Mechanistic and Structural Insights for Lead Optimization. 2<sup>nd</sup> Annual New England Protein Science Forum. Bentley College, Waltham, MA.
- Machutta, Carl.** (2009) Slow Onset Inhibition of KasA by Thiolactomycin: Mechanistic Insights and Lead Optimization for Anti-Bacterial Drug Discovery. *Keystone Symposium, Tuberculosis: Biology, Pathology and Therapy*. Keystone Resort, Keystone, CO.
- St. Fleur, Natalie.** (2008) SREB Institute on Teaching and Mentoring. *Conference*. Tampa, FL.
- Sideris, P.,** Nielsen, U.-G., Gan, Z., Grey, C.P. (2008) Structure Determination of Layered Double Hydroxides Using Multinuclear Solid State NMR Spectroscopy. 50<sup>th</sup> Annual Rocky Mountain Conference. Breckenridge, CO.
- Sideris, P.** (2008) Structure Determination of Layered Double Hydroxides with Multinuclear Solid State NMR Spectroscopy. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.

- Song, Airong**, Lee, Jae Chul, Parker, A. Kathlyn, Sampson, S. Nicole. (2008) Exploring the Scope of 1-Substituted Cyclobutene Reaction in ROMP. *236<sup>th</sup> ACS National Meeting & Exhibition*. Philadelphia, PA.
- Thomas, S. T.**, Yang, X., Sampson, N. S. (2008) Inhibition of *Mycobacterium tuberculosis* 3B hydroxysteroid dehydrogenase. *Bioorganic Gordon Research Conference*. Andover, NH. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.
- Wu, Linghui**. (2008) Investigation of mouse sperm acrosome reaction by chemically synthetic sugar polymers. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.
- Xu, H.**, Graham, M., Karelis, J., Walker, S. G., Tonge, P. J. (2009) Mechanistic Studies of MenD, 2-Succinyl-5-enoylpyruvyl-6-hydroxy-3-cyclohexene-1-carboxylic Acid Synthase from *Staphylococcus aureus*. *237<sup>th</sup> ACS National Meeting & Exposition*. Salt Lake City, UT.
- Yang, X.**, Nesbitt, N. M., Dubnau, E., Sampson, N. S. (2008) Cholesterol metabolic pathway in *Mycobacterium tuberculosis*. *Chemistry Research Day*. Stony Brook University, Stony Brook, NY.
- Zeng, D.**, Cabana, J., Yoon, W. -S., Grey, C.P. (2008) Study of the Structural Changes in  $\text{Li}_{1-x}\text{Mn}_y\text{Co}_{(1-2y)}\text{O}_2$  ( $y=0.05$ ) Upon Electrochemical Lithium D. ntercalation. *14<sup>th</sup> International Meeting on Lithium Batteries*. Beijing, China. *Gordon Conference (Solid State Chemistry)*. New London, CT. *214<sup>th</sup> Meeting of the Electrochemical Society*. Honolulu, HI. (poster)
- Zeng, D.**, Cabana, J., Inderis, S., Yoon, W.-S., Clarke, S., Grey, C. P. (2008) Study of the Structural Changes upon Reversible Lithium Insertion in Copper Based Layered Oxysulfides. *214<sup>th</sup> Meeting of the Electrochemical Society*. Honolulu, HI. (poster)
- Zeng, D.** (2008) National School on Neutron and X-ray Scattering. *Workshop*. Argonne National Laboratory, Argonne, IL. Oak Ridge National Laboratory, Oak Ridge, TN.
- Zeng, D.** (2008) Introduction to XAFS: Experiment, Theory, Data Analysis. *Workshop*. Brookhaven National Laboratory, Upton, NY.
- Zuniga, Edison**. (2008) Design and Synthesis of Novel Double-Warhead Bearing and Dual-Warhead Bearing Drug Conjugates. *236<sup>th</sup> ACS National Meeting and Exhibition*. Philadelphia, PA.

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

- Machutta, Carl**. (2008) Postdoctoral Associate. Department of Chemistry, *Stony Brook University*, Stony Brook, NY.

# COMPARATIVE CULTURAL AND LITERARY STUDIES

GRADUATE DIRECTOR: SANDY PETREY  
DEPARTMENT CHAIR: KRIN GABBARD

## ❖ Grants, Fellowships, and Awards

**Chen, I-Ju.** (2008) Travel Grant, \$300. *Taipei Economic and Cultural Division in New York*, New York, NY.

## ❖ Singly Authored Publications/Research Reports/Reviews

**Chen, I-Ju.** (2008) Colorado. *The Epoch Poetry Quarterly* 156: 86.

**Chen, I-Ju.** (2008) New Mexico. *The Epoch Poetry Quarterly* 156: 85.

**Chen, I-Ju.** (2008) New York. *The Epoch Poetry Quarterly* 156: 85-6.

**Chen, I-Ju.** (2008) Zola's *Nana* and Toulouse-Lautrec's *Elle*: Women Like Any Others. *Excavatio XXIII*: 266-179.

**D'Amelio, Maria Elena.** (2009) Belle e dannate. Donne di potere nel cinema storico-mitologico italiano. In Monica dall'Asta (Ed.), *Non solo Dive. Pioniere del cinema italiano*. Bologna, Italy: Cineteca di Bologna.

**D'Amelio, Maria Elena.** (in press) Metamorfosi del mito di Ercole nei pepla degli anni Sessanta. In G.P. Brunetta (Ed.), *Metamorfosi del mito classico nel cinema*. Padua, Italy: Istituto Veneto.

**Jacobo, J. P.** (2009) *Dawn of Freedom: Ang Pangitain ng Kasaysayan (Dawn of Freedom: Phantom History)*. In Young Critics Circle/Galileo S. Zafra (Ed.), *Ang Sining ng Sineng Filipino (The Art of Philippine Cinema)*. Quezon City: Sentro ng Wikang Filipino (Center for the Philippine Language), University of the Philippines at Diliman.

**Jacobo, J. P.** (2008) Oyayi (Lullaby). In Cardenas, Karen (Ed.), *Boracay: Sand in Shorts*. Quezon City: Office of Research and Publications, Ateneo de Manila University, Philippines.

**Jacobo, J. P.** (2008) Pabula (Fable). In Cardenas, Karen (Ed.), *Boracay: Sand in Shorts*. Quezon City: Office of Research and Publications, Ateneo de Manila University, Philippines.

**Meissner, Joshua.** (2008) *The Perjured City: Augustinian Theodicy and the Legitimacy of the Modern Age*. Saarbrücken: VDM Verlag.

**Springer, Sean.** "More than a Title Sequence." *In Short: The Journal of Small Screen Studies* 1.2 (2008). Available at <http://com.miami.edu/in-short/>

**Staats, Hans.** (2009) Valerie Orpen, Cléo de 5 à 7. *Contemporary French Civilization* 33(1): 261-264.

**Staats, Hans.** (2009) Will Higbee, *Mathieu Kassovitz*. *Contemporary French Civilization* 33(2): 200-202.

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

**Akaltun, Evren.** (2009) Personal and Collective Nostalgia in Orhan Pamuk's *The Museum of Innocence*. *ACLA '09*. Harvard University, Cambridge, MA.

**Akaltun, Evren.** (2008) Turkish Modernization Project and the Reflections of the West in the Travel Narratives of Early Republican Intellectuals. *ACLA '08*. Long Beach, CA.

- Akaltun, Evren.** (2009) Istanbul: Home for the Exiled Comparatist? *Comparative Literary and Cultural Studies Colloquium*. Stony Brook University, Stony Brook, NY.
- Burrows, Alice Claire.** (2009) The Graphic Memoir: A Visible Extension of the Artist's Imagination. *ACLA '09*. Harvard University, Cambridge, MA.
- Burrows, Alice Claire.** (2008) Explosive Visibility: Time, Space, and Graphic Text. *Comparative Literary and Cultural Studies Colloquium*. Stony Brook University, Stony Brook, NY.
- Burrows, Alice Claire.** (2008) Refugee Subjectivity: Spike Lee's *When the Levees Broke*. *Crossroads Comparative Literature Conference*. University of Massachusetts, Amherst, MA.
- Burrows, Alice Claire.** (2009) Representing myself: The Graphic Memoir. *The Desire for Representation/The Desire of Representation, Stony Brook Manhattan Graduate Student Conference*. Stony Brook Manhattan, New York, NY.
- Chen, I-Ju.** (2009) Island Myth: Castaway and Homecoming. *American Comparative Literature Association 2009 Conference*. Harvard University, Cambridge, MA.
- Chen, I-Ju.** (2008) The Function of Criticism in a Conference Like This. *The Eighth Biennial Radical Philosophy Association Conference*. San Francisco State University, San Francisco, CA.
- Chen, I-Ju.** (2008) From *The Third Man* to *Scorpio*: Underground Troubles in Post-War Vienna. *Interdisciplinary Graduate Conference: Underground*. City University of New York, New York, NY.
- Chen, I-Ju.** (2008) Hippolyte Taine's Philosophy of Art and Émile Zola's Naturalism: Criticism, Science and Milieu. *University of Massachusetts Amherst Organization of Graduate Students in Comparative Literature Conference*. University of Massachusetts, Amherst, MA.
- D'Amelio, Maria Elena.** (2009) The 'American' Hercules in Italian Sixties Films. *The American Association for Italian Studies XXIX Annual Conference*. St. John's University, Manhattan Campus, New York, NY.
- D'Amelio, Maria Elena.** (2009) I nuovi mostri della commedia all'italiana. Precariato e reality show in *Tutta la vita davanti* di Paolo Virzì. *DENUNCIA - Speaking Up in Modern Italy*. New York University, New York, NY.
- D'Amelio, Maria Elena.** (2009) The Myth of Hercules in Italian '60s Film. *PCA/ACA National Conference*. New Orleans, LA. (2008) *Comparative Literary and Cultural Studies Colloquium*. Stony Brook University, Stony Brook, NY
- High, Michael.** (2009) The Superhero Film: 9/11, Melodrama, Justice. *A Yale Film Studies Graduate Symposium: The Politics of Superheroes: Renegotiating the Superhero in Post 9/11 Hollywood Cinema*. Yale University, New Haven, CT.
- Hung, Tzu-hui Celina.** (2009) Staging Translocal Marginality: Political Parody and Self-Parody in Tsai Ming-liang's *I Don't Want To Sleep Alone*. *2009 Annual Meeting of American Comparative Literature Association*. Harvard University, Cambridge, MA.
- Jacobo, J. P.** (2009) Between the Vernacular and Cosmopolitanese: Rolando Tinio, Taglish, and a Transcultural Possibility from the Philippines. *American Comparative Literature Association Conference*. Harvard University, Cambridge, MA.
- Martino, Briana.** (2009) Touching Technology: Towards a Queer Haptic Epistemology. *National Conference of the Popular Culture Association*. New Orleans, LA.
- Razumova, Lyudmila.** (2009) Poetics of Bi-langue: Bilingual Writing and Self-Translation. *Annual NYU/Columbia University Graduate Student Conference on Hispanic and Lusophone Languages, Literatures and Cultures: Crisscrossing*. New York University, New York, NY.

## Comparative Cultural and Literary Studies

- Springer, Sean.** (2008) Utopian Dreaming in *Shadow of a Doubt*. Panel on Film. *Society for Utopian Studies Conference*. Portland, ME.
- Staats, Hans.** (2009) Who is the Postwar Cinematic Child? *American Comparative Literature Association: Global Languages, Local Voices*. Harvard University, Cambridge, MA.
- Staats, Hans.** (2008) Cine-Subjectivity and the Child: The Politics of Culture and the State of Transnational Governance. *Crossroads Conference*. University of Massachusetts, Amherst, MA.
- 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.
- 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.

### ❖ Translations

- Chen, I-Ju.** (in press) *Fashion-ology: An Introduction to Fashion Studies* (Yuniya Kawamura). Taipei: New Century Publishing. (Original work published [2005]).
- Sanning, Monica B.** (2008) On Reading about Violence, Drug Dealers and Interpreting a Field of Literary Production Amidst the Din of Gunfire: Culiacán – Sinaloa, [2007]. Gabriela Polit Dueñas. *Revista de Estudios Hispánicos* 42.3: 559-582.

### ❖ Other

- Chen, I-Ju.** (2008) *Born Losers* nominated for 2008 Golden Tripod Award, Best Translation Category in Taiwan.

# COMPUTER SCIENCE

GRADUATE DIRECTOR: I.V. RAMAKRISHNAN

DEPARTMENT CHAIR: ARIE KAUFMAN

## ❖ Grants, Fellowships, and Awards

- Borodin, Y.**, Nibhanupudi, K., Naik, P., Savla, J., Vora, T. (2009) Honorable Mention for Student Application Contest. *Increasing Accessibility, Applied Voice Input/Output Society (AVIOS '09)*, San Diego, CA.
- Borodin, Yevgen.** (2008) Catacosinos Fellowship '08, Outstanding Computer Science Contribution, \$7,500. *Stony Brook University*, Stony Brook, NY.
- Fodor, Paul.** (2008) Student Travel Grant Award, \$1,500. *Summer School in (Constraint) Logic Programming 2008*, Las Cruces, NM.
- Fodor, Paul.** (2008) Travel Grant Award, \$1,800. *International Semantic Web Conference (ISWC 2008)*, Karlsruhe, Germany.
- Fodor, Paul.** (2008) Student Travel Grant Award, \$2,000. *American Association for Artificial Intelligence Conference (AAAI 2008)*, Chicago, IL.
- Kang, Hui.** (2009) NSF Student Travel Grants, \$450. *National Science Foundation*, Arlington, VA.
- Liang, Senlin.** (2008) Student Travel Grants, \$1,500. *3<sup>rd</sup> International Compulog/ALP Summer School on Logic Programming and Computational Logic*, Las Cruces, NM.
- Liang, Senlin.** (2008) Travel Grant Award, \$1,800. *International Semantic Web Conference (ISWC 2008)*, Karlsruhe, Germany.
- Maheshwari, Ritesh.** (2008) Student Travel Award, \$690. *ACM SenSys '08, National Science Foundation (NSF)*, Raleigh, NC.
- Borodin, Y., Nibhanupudi, K., **Naik, P.**, Savla, J., Vora, T. (2009) Honorable Mention for Student Application Contest. *Increasing Accessibility, Applied Voice Input/Output Society (AVIOS '09)*, San Diego, CA.
- Borodin, Y., **Nibhanupudi, K.**, Naik, P., Savla, J., Vora, T. (2009) Honorable Mention for Student Application Contest. *Increasing Accessibility, Applied Voice Input/Output Society (AVIOS '09)*, San Diego, CA.
- Sarkar, Rik.** (2009) NSF Student Travel Grant Award for INFOCOM 2009, \$1,500. *IEEE*, Washington, D.C.
- Borodin, Y., Nibhanupudi, K., Naik, P., **Savla, J.**, Vora, T. (2009) Honorable Mention for Student Application Contest. *Increasing Accessibility, Applied Voice Input/Output Society (AVIOS '09)*, San Diego, CA.
- Singh, A.** (2008) Student Travel Grant Award, \$1,500. *Summer School in (Constraint) Logic Programming 2008*, Las Cruces, NM.
- Singh, A.** (2008) Travel Grant Award, \$1,800. *International Semantic Web Conference (ISWC 2008)*, Karlsruhe, Germany.
- Subramanian, Anand Prabhu.** (2008) NSF Student Travel Grant, \$600. *National Science Foundation*, Arlington, VA.

- Tinta, Sandra.** (2008) ACM SenSys'08 Student Travel Award, \$690. *National Science Foundation (NSF)*, Raleigh, NC.
- Tinta, Sandra.** (2008) ACM MobiSys'08 Student Travel Award, \$600. *National Science Foundation (NSF)*, Breckenridge, CO.
- Borodin, Y., Nibhanupudi, K., Naik, P., Savla, J., **Vora, T.** (2009) Honorable Mention for Student Application Contest. *Increasing Accessibility, Applied Voice Input/Output Society (AVIOS '09)*, San Diego, CA.
- Wan, Hui.** (2008) Student Travel Grant, \$1,800. 7<sup>th</sup> International Semantic Web Conference (ISWC), *National Science Foundation (NSF)*, Karlsruhe, Germany.
- Wan, Hui.** (2008) Student Travel Grant, \$1,000. 3<sup>rd</sup> International Compulog/ALP Summer School, *Computing Research Association (CRA)*, Las Cruces, NM.

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

- Borodin, Yevgen.** (2008) Automation of Repetitive Web Browsing Tasks with Voice-Enabled Macros. *10<sup>th</sup> International Conference on Computers and Accessibility, ACM SIGACCESS Assets 2008*. Halifax, Nova Scotia.
- Fodor, Paul.** (2008) Querying Sequential and Concurrent Horn Transaction Logic Programs Using Tabling Techniques. *Association for the Advancement of Artificial Intelligence (AAAI) 2008*. Chicago, IL.
- Fodor, Paul.** (2008) Optimizations and Extensions for the Horn Transaction Logic Programs. *Association for the Advancement of Artificial Intelligence (AAAI) 2008*. Chicago, IL.
- Fodor, Paul.** (2008) Existentially Quantified Values for Queries and Updates of Facts in Transaction Logic Programs. *Association for the Advancement of Artificial Intelligence (AAAI) 2008*. Chicago, IL.
- Fodor, Paul.** (2009) Justification for Tabled Transaction Logic. *Association for the Advancement of Artificial Intelligence (AAAI) Spring Symposium 2009, Intelligent Event Processing Symposia*. Stanford, CA.

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

- Ramakrishnan, I.V., Mahmud, J., Borodin, Y., Islam, A., **Ahmed, F.** (in press) Bridging the Web Accessibility Divide. *Electronic Notes in Theoretical Computer Science*. (invited journal)
- Subramanian, A. P., **Al-Ayyoub, M.**, Gupta, H., Das, S. R. (2008) Near Optimal Dynamic Spectrum Allocation in Cellular Networks. *Proc. Third IEEE International Symposium on New Directions in Dynamic Spectrum Access Networks*. Chicago, IL.
- Van de Rijdt, A., **Ban, X.**, Sarkar, R. (2008) Effective Networking When Connections are Invisible: Comment on Reagans and Zuckerman. *Industrial and Corporate Change* 17: 945-952
- Li, X., **Bao, Y.**, Guo, X., Jin, M., Gu, X., Qin, H. (2008) Globally Optimal Surface Mapping for Surfaces with Arbitrary Topology. *IEEE Transaction on Visualization and ComputerGraphics (TVCG)*14(4): 805-819.
- Borodin, Y.**, Dausch, G., Ramakrishnan, I.V., Nibhanupudi, K., Naik, P., Vora, T., Savla, J., Mody, A., Khandhar, K., Kudva, P., Bulchandani, A. (2009) TeleWeb: Accessible Service for Web Browsing via Phone. *W4A 2009*. Madrid, Spain.
- Mahmud, J., **Borodin, Y.**, Ramakrishnan, I.V., Ramakrishnan, C.R. (2009) Automated Construction of Web Accessibility Models from Transaction Click-Streams. *WWW 2009*. Madrid, Spain.



- Borodin, Y.**, Takagi, H., Kawanaka, S., Asakawa, C. (2009) Infrastructure and Methods for Improving Accessibility of Rich Internet Applications. *End-User Programming Workshop, CHI 2009*. Boston, MA.
- Ramakrishnan, I.V., Mahmud, J., **Borodin, Y.**, Islam, A., Ahmed, F. (in press) Bridging the Web Accessibility Divide. *Electronic Notes in Theoretical Computer Science*. (invited journal)
- Borodin, Y., Dausch, G., Ramakrishnan, I.V., Nibhanupudi, K., Naik, P., Vora, T., Savla, J., Mody, A., Khandhar, K., Kudva, P., **Bulchandani, A.** (2009) TeleWeb: Accessible Service for Web Browsing via Phone. *W4A 2009*. Madrid, Spain.
- Qiu, F., Zhang, B., Petkov, K., **Chong, L.**, Kaufman, A., Mueller, K., Gu, X. (2008) The Immersive Cabin. *International Symposium on Visual Computing (ISVC), Springer Lecture Notes In Computer Science 53(58)*: 891-900. Las Vegas, NV.
- Deshpande, P.**, Kashyap, A., Sung, Chul, Das, S.R. (in press) Predictive Methods for Improved Vehicular WiFi Access. *7<sup>th</sup> ACM International Conference on Mobile Systems, Applications, and Services (MobiSys 2009)*. Krakow, Poland.
- Subramanian, A. P., **Deshpande, P.**, Gao, J., Das, S. R. (2008) Drive-by Localization of Roadside WiFi Networks. *27<sup>th</sup> Annual IEEE Conference on Computer Communications (INFOCOM '08)*. Phoenix, AZ.
- Subramanian, A. P., Navda, V., **Deshpande, P.**, Das, S. R. (2008) A Measurement Study of Inter-Vehicular Communication Using Steerable Beam Directional Antenna. *5<sup>th</sup> Annual ACM International Workshop on Vehicular Inter-NETworking (VANET 2008)*. San Francisco, CA.
- Kaufman, A., **Fan, Z.**, Petkov, K. (in press) Implementing the Lattice Boltzmann Model on Commodity Graphics Hardware. *Journal of Statistical Mechanics*.
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- Gorbovitski, M., **Rothamel, T.**, Liu, Y.A., Stoller, S.D. (2008) Efficient Runtime Invariant Checking: A Framework and Case Study - A Tech Report. *IBM Programming Languages Day 2008*. Hawthorne, NY.
- Gorbovitski, M., Tekle, K.T., **Rothamel, T.**, Stoller, S.D., Liu, Y.A. (2008) Analysis and Transformations for Efficient Query-Based Debugging. *8<sup>th</sup> IEEE International Working Conference on Source Code Analysis and Manipulation*. Beijing, China.
- Sarkar, R.**, Yin, X., Gao, J., Gu, X. (2009) Greedy Routing with Guaranteed Delivery Using Ricci Flows. *The 8th ACM/IEEE International Conference on Information Processing in Sensor Networks (IPSN09)*. San Francisco, CA.
- Sarkar, R.**, Yin, X., Gao, J., Luo, F., Gu, X. (2009) Greedy Routing with Guaranteed Delivery Using Ricci Flows. *Proceedings of International Conference on Information Processing in Sensor Networks*. San Francisco, CA.
- Sarkar, R.**, Zhu, X., Gao, J. (2009). Spatial Distribution in Routing Table Design for Sensor Networks. *IEEE International Conference on Computer Communications*. Rio de Janeiro, Brazil.
- Zhu, X., **Sarkar, R.**, Gao, J. (2009) Topological Data Processing for Distributed Sensor Networks with Morse-Smale Decomposition. *IEEE International Conference on Computer Communications*. Rio de Janeiro, Brazil.
- Callanan, S., Dean, D.J., Gorbovitski, M., Grosu, R., **Seyster, J.**, Smolka, S.A., Stoller, S.D., Zadok, E. (2008) Software Monitoring with Bounded Overhead. *IEEE International Symposium on Parallel and Distributed Processing*. Miami, FL.
- Gorbovitski, M., **Tekle, K.T.**, Rothamel, T., Stoller, S.D., Liu, Y.A. (2008) Analysis and Transformations for Efficient Query-Based Debugging. *8<sup>th</sup> IEEE International Working Conference on Source Code Analysis and Manipulation*. Beijing, China.
- Tekle, K. T.** (2008) Generating Specialized Rules and Programs for Demand-Driven Analysis. *Graduate Research Conference*. Stony Brook University, Stony Brook, NY.
- Tekle, K.T.** (2008) Generating Specialized Rules and Programs for Demand-Driven Analysis. *12<sup>th</sup> International Conference on Algebraic Methodology and Software Technology*. Urbana-Champaign, IL.



- Tekle, K.T.** (2008) Efficient Trust Management Policy Analysis from Rules. *Security and Privacy Day*. Stony Brook University, Stony Brook, NY.
- Tinta, S.,** Mohr, A., Wong, J. (2009) Characterizing End-to-End Packet Reordering with UDP Traffic. *IEEE Symposium on Computers and Communications*. Sousse, Tunisia.
- Tongaonkar, A.,** Sekar, R., Vasudevan, S. (2009) Fast Packet Classification Using Condition Factorization. *Applied Cryptography and Network Security*. Paris, France.
- Tongaonkar, A.,** Vasudevan, S., Sekar, R. (2008) Fast Packet Classification for Snort by Native Compilation of Rules. *USENIX Large Installation Systems Administration*. San Diego, CA.
- Chen, K., **Tu, C.C.,** Xiao, W.C. (2009) OneClick: A Framework for Capturing Users' Network Experiences. *IEEE INFOCOM Conference*. Rio de Janeiro, Brazil.
- Tongaonkar, A., Sekar, R., **Vasudevan, S.** (2009) Fast Packet Classification Using Condition Factorization. *Applied Cryptography and Network Security*. Paris, France.
- Tongaonkar, A., **Vasudevan, S.,** Sekar, R. (2008) Fast Packet Classification for Snort by Native Compilation of Rules. *USENIX Large Installation Systems Administration*. San Diego, CA.
- Liang, S., Fodor, P., **Wan, H.,** Kifer, M. (2009) OpenRuleBench: An Analysis of the Performance of Rule Engines. *World Wide Web (WWW) 2009*. Madrid, Spain.
- Wang, H.,** He, Y., Li, X., Gu, X., Qin, H. (2009) Geometry-Aware Domain Decomposition for T-Spline-based Manifold Modeling. *IEEE Shape Modeling International (SMI2009)*. Beijing, China.
- Wang, H.,** Jin, M., He, Y., Gu, X., Qin, H. (2008) User-controllable Polycube Map for Manifold Spline Construction. *Proceedings of the 2008 ACM Symposium on Solid and Physical Modeling: 397-404*. Stony Brook, NY.
- Wang, L.,** Mueller, K., (2008) Harmonic Colormaps for Volume Visualization. *Volume Graphics Symposium* : 33-40. Los Angeles, CA.
- Wang, S.,** Gu, X., Qin, H. (2008) Automatic Non-rigid Registration of 3D Dynamic Data for Facial Expression Synthesis and Transfer. *Proceedings of the IEEE Computer Vision Pattern Recognition 2008 (CVPR08)*. Anchorage, AK.
- Zeng, W., Zeng, Y., **Wang, Y.,** Gu, X., Samaras, D. (2008) 3D Non-rigid Surface Matching and Registration Based on Holomorphic Differentials. *Proceedings of the 10th European Conference on Computer Vision (ECCV)*.Marseille, France.
- Wang, Y.,** Gu, X., Chan, T., Toga, A., Thompson, P. (2009) Shape Analysis with Conformal Invariants for Multiply Connected Domains and its Application to Analyzing Brain Morphology. *IEEE Computer Society Conference on Computer vision and Pattern Recognition (CVPR)*. Miami Beach, FL.
- Xu, F.,** Mueller, K., Jones, M., Keszthelyi, B., Sedat, J., Agard, D. (2008) On the Efficiency of Iterative Ordered Subset Reconstruction Algorithms for Acceleration on GPUs. *MICCAI Workshop on High-performance Medical Image Computing and Computer Aided Intervention*. New York, NY.
- Yamaguchi, K.** (2009) PTZ Control with Head Tracking for Video Chat. *ACM CHI 2009*. Boston, MA.
- Sarkar, R., **Yin, X.,** Gao, J., Gu, X. (2008) Greedy Routing with Guaranteed Delivery Using Ricci Flows. *The 8th ACM/IEEE International Conference on Information Processing in Sensor Networks (IPSN09)*. San Francisco, CA. (2009) *Proceedings of International Conference on Information Processing in Sensor Networks*. San Francisco, CA.
- Yin, X.,** Luo, F., Gu, X. (2008) Discrete Curvature Flow for Hyperbolic 3-Manifolds with Complete Geodesic Boundaries. *Proceedings of International Symposium on Visual Computing 2008 (ISVC08)*. Las Vegas, NV.

- Qiu, F., Fan, Z., **Yin, X.**, Kaufman, A., Gu, X. (2008) Colon Flattening with Discrete Ricci Flow. *MICCAI 2008 Workshop on Computational and Visualization Challenges in the New Era of Virtual Colonoscopy*. New York, NY.
- Zeng, W., **Yin, X.**, Zeng, Y., Lai, Y., Gu, X., Samaras, D. (2008) 3D Face Matching and Registration Based on Hyperbolic Ricci Flow. Workshop on 3D Face Processing. *Proceedings of the IEEE Computer Vision and Pattern Recognition 2008 (CVPR08)*: 1-8. Anchorage, AK.
- Wang, Y., **Yin, X.**, Zhang, J., Gu, X., Chan, T., Thompson, P., Yau, S.T. (2008) BrainMapping with the Ricci Flow Conformal Parameterization and Multivariate Statistics on Deformation Tensors. *Proceedings of the 2nd MICCAI Workshop on Mathematical Foundations of Computational Anatomy (MFCA2008)*:36-47. New York, NY.
- Yin, X.**, Dai, J., Yau, S.T., Gu, X. (2008) Slit Map: Conformal Parameterization for Multiply Connected Surfaces. *Proceedings of the 5th International Conference Advances in Geometric Modeling and Processing (GMP 2008)*: 410-422. Hangzhou, China.
- Jin, M., **Zeng, W.**, Gu, X. (2009) Computing Fenchel-Nielsen Coordinates in Teichmuller Shape Space. *IEEE Shape Modeling International (SMI2009)*. Beijing, China.
- Zeng, W.**, Jin, M., Luo, F., Gu, X. Canonical Homotopy Class Representative Using Hyperbolic Structure. *IEEE Shape Modeling International (SMI2009)*, Beijing, June, 2009.
- Zeng, W.**, Zeng, Y., Wang, Y., Gu, X., Samaras, D. (2008) 3D Non-rigid Surface Matching and Registration Based on Holomorphic Differentials. *Proceedings of the 10th European Conference on Computer Vision (ECCV)*. Marseille, France.
- Zeng, W.**, Yin, X., Zeng, Y., Lai, Y., Gu, X., Samaras, D. (2008) 3D Face matching and Registration Based on Hyperbolic Ricci Flow. Workshop on 3D Face Processing. *Proceedings of the IEEE Computer Vision and Pattern Recognition 2008 (CVPR08)*: 1-8. Anchorage, AK.
- Zeng, W., **Zeng, Y.**, Wang, Y., Gu, X., Samaras, D. (2008) 3D Non-rigid Surface Matching and Registration Based on Holomorphic Differentials. *Proceedings of the 10th European Conference on Computer Vision (ECCV)*. Marseille, France.
- Zeng, W., Yin, X., **Zeng, Y.**, Lai, Y., Gu, X., Samaras, D. (2008) 3D Face matching and Registration Based on Hyperbolic Ricci Flow. Workshop on 3D Face Processing. *Proceedings of the IEEE Computer Vision and Pattern Recognition 2008 (CVPR08)*: 1-8. Anchorage, AK.
- Zhou, Dengpan.** (2008) The Emergence of Sparse Spanners and Greedy Well-Separated Pair Decomposition. *The 18th Fall Workshop on Computational Geometry*. Rensselaer Polytechnic Institute, Troy, NY.
- Zhou, Dengpan.** (2009) Distributed Resource Management and Matching in Wireless Sensor Networks. *The 8th ACM/IEEE International Conference on Information Processing in Sensor Networks (IPSN'09)*. San Francisco, CA.
- Zhou, Dengpan.** (2009) Opportunistic Processing and Query of Motion Trajectories in Wireless Sensor Networks. *Proc. of the 28th Annual IEEE Conference on Computer Communications (INFOCOM'09)*. Rio de Janeiro, Brazil.
- Sarkar, R., **Zhu, X.**, Gao, J. (2009) Spatial Distribution in Routing Table Design for Sensor Networks. *IEEE International Conference on Computer Communications*. Rio de Janeiro, Brazil.
- Zhu, X.**, Sarkar, R., Gao, J. (2009) Topological Data Processing for Distributed Sensor Networks with Morse-Smale Decomposition. *IEEE International Conference on Computer Communications*. Rio de Janeiro, Brazil.

### ❖ Post-Doctorates Obtained and Professional Appointments

- Jin, Miao.** (2008) Assistant Professor. Computer Science Department, *University of Louisiana at Lafayette*, Lafayette, LA.

**Li, Xin.** (2008) Assistant Professor. Computer Science Department, *Louisiana State University*, Baton Rouge, LA.

❖ **Software Developed**

**Fodor, P.,** Lally, A., Ferrucci, D. (2008) The Prolog Unstructured Information Management Architecture (UIMA) data and query interface. *IBM TJ Watson Research*, Hawthorne, NY.

Liang, S., **Fodor, P.,** Wan, H., Kifer, M. (2008) OpenRuleBench: Benchmarks for Semantic Web Rule Engines. *Stony Brook University*, Stony Brook, NY.

**Liang, S.,** Fodor, P., Wan, H., Kifer, M. (2008) OpenRuleBench: Benchmarks for Semantic Web Rule Engines. *Stony Brook University*, Stony Brook, NY.

**Stenchikova, Svetlana.** (2008) Question Answering System. *Stony Brook University*, Stony Brook, NY.

Liang, S., Fodor, P., **Wan, H.,** Kifer, M. (2008) OpenRuleBench: Benchmarks for Semantic Web Rule Engines. *Stony Brook University*, Stony Brook, NY.

❖ **Patents**

**Borodin, Yevgen, I. V.** Ramakrishnan (2009) Remote Access to Personal Computer via the Phone. Preliminary patent filed by Stony Brook University.

**Borodin, Yevgen.** (2009) A Method and Computer Program for Improving Accessibility of Rich Internet Applications Using Collaborative Crawling. *IBM Corporation*. Japan Patent Application 2009-91450.

❖ **Reviewing Activities 2008-2009**

**Borodin, Yevgen.** Editorial Board. *Multimodality in Mobile Computing and Mobile Devices: Methods for Adaptable Usability*.

**Borodin, Yevgen.** Coauthor, Editorial Board. *End User Programming for the Web*.

❖ **Internship Appointments**

**Borodin, Yevgen.** (2008) Intern in Research. *IBM Research T.J. Watson*, Hawthorne, NY.

**Fodor, Paul.** (2008) Part-time employee. *IBM TJ Watson Research*, Hawthorne, NY.

**Irfan, Mohammad T.** (2008) Research Intern. *AT&T Research*, Florham Park, N.J.

**Stenchikova, Svetlana.** (2008) ETS Research Internship. *Educational Testing Services*, Princeton, NJ.

**Subramanian, Anand Prabhu.** (2008) Research Intern. *Bell Labs, Alcatel-Lucent*, Murray Hill, NJ.

**Subramanian, Anand Prabhu.**(2008) Research Intern. *Paris Research Lab, Thomson*, Paris, France.

**Tongaonkar, Alok.** (2008) CDO Select Intern. *Cisco Research*, San Jose, CA.

❖ **Other**

**Borodin, Yevgen.** Program Committee Member: UI and Mobility Track, 18<sup>th</sup> International World Wide Web Conference (WWW'09), International Cross Disciplinary Conference on Web Accessibility (W4A'09), 10<sup>th</sup> ACM SIGACCESS Conferences on Computers and Accessibility (ASSETS' 08).

# ECOLOGY AND EVOLUTION

GRADUATE DIRECTOR: JOHN TRUE, PH.D.  
LEV GINZBURG, M.A.  
DEPARTMENT CHAIR: JESSICA GUREVITCH

## ❖ Grants, Fellowships, and Awards

- Cogni, Rodrigo.** (2008) International Society for Chemical Ecology travel award, \$450. *International Society of Chemical Ecology*, State College, PA.
- Gray, S. M.** (2009) Sigma Xi Grant-In-Aid of Research, \$800. National Academy of Sciences, Research Triangle Park, NC.
- Gray, S. M.** (2009) Doctoral Dissertation Improvement Grant, \$15,000. *National Science Foundation*, Washington D.C.
- Gray, S. M.** (2009) Slobodkin Award, \$500. *Department of Ecology and Evolution*, Stony Brook University, Stony Brook, NY.
- Grella, Rebecca.** (2009) The United States Army Navy and Air Force Outstanding Teacher Award 2009 Long Island JSHS Regional, \$500. *The United States Army Navy and Air Force*, Washington, D.C.
- Grella, Rebecca.** (2008) The Charles C. Bartlet Award for Environmental Education, \$250. *The National Environmental Education Foundation*, Washington, D.C.
- Grella, Rebecca.** (2008) Lemelson-MIT InvenTeam Award, \$8,000. *Lemelson-MIT Foundation*, Boston, MA.
- Hickman, Jonathan.** (2008) Mass Media Fellowship, \$4,500. *American Association for the Advancement of Science*, Washington, D.C.
- Jonas, Mark.** (2009) President's Award for Teaching by a Graduate Student, \$500. *Stony Brook University*, Stony Brook, NY.
- Karanevsky, Caitlin.** (2009) Primate Conservation, Inc. Research Grant, \$1,505. *Primate Conservation, Inc.*, Charlestown, RI.
- Karanevsky, Caitlin.** (2009) Margot Marsh Biodiversity Foundation Research Grant, \$5,000. *Margot Marsh Biodiversity Foundation*, Flourtown, PA.
- Lauterbur, M. Elise** (2008-2009) Graduate Council Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.
- Lyons, Patrick.** (2009) Graduate Fellowship, \$7,275. *Natural History Museum of Los Angeles County*, Los Angeles, CA.
- Monzon, Javier.** (2008) LSAMP Bridge to the Doctorate Fellowship, \$30,000. *National Science Foundation*, Arlington, VA.
- Silva, Natalia.** (2008) Travel Grant NAS Sackler Colloquium – “Biogeography, Changing Climates and Niche Evolution”, \$250. *National Academy of Sciences*, Irvine, CA.
- Silva, Natalia.** (2009) Full Travel Grant IV Biennal Meeting, \$1,800. *International Biogeographic Society*, Merida, Mexico.
- Velasquez-Tibata, Jorge Ivan.** (2008) Earth and Space Science Fellowship, \$30,000. *NASA*, Washington, D.C.

**Walls, Ramona.** (2008-2009) American Fellowship, Dissertation, \$20,000. *American Association of University Women*, Washington, D.C.

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

**Bourdeau, Paul E.** (in press) Prioritized phenotypic responses to combined predators in a marine snail. *Ecology journal*.

**Gray, S.M.** (2008) Carnivores of the plant world in our own backyard. Invited article, *Long Island Botanical Society Newsletter 18*: 25, 27.

**Hoch, J.M.** (in press) Adaptive plasticity of the penis in a simultaneous hermaphrodite. *Evolution*.

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

Will, Kipling W. and **Aman S. Gill.** (2008) Phylogeny and classification of *Hypherpes* Auctorum (Coleoptera: Carabidae: Pterostichini: *Pterostichus*). *Annals of Carnegie Museum 77*(1): 93-127.

Przeslawski, R., **Bourdeau, P. E.**, Doall, M. H., Pan, J., Perino, L., Padilla, D. K. (2008) The effects of a harmful alga on bivalve larval lipid stores. *Harmful Algae 7*: 802-807.

**Cogni, Rodrigo** & Futuyma, Douglas J. (in press) Local adaptation in a plant herbivore interaction depends on the spatial scale. *Biological Journal of the Linnean Society*.

**Hoch, J.M.** and B. Yuen. (2009) An individual barnacle, *Semibalanus balanoides*, with two penises. *Journal of Crustacean Biology 29*(1): 135-136.

**Lyons, Patrick**, Carol C., Portnoy J., Gwilliam E. (in press) Dynamics of Macroalgal Blooms along the Cape Cod National Seashore. *Northeast Naturalist*.

Wiens, J. J., and **D. S. Moen.** (2008) Missing data and the accuracy of Bayesian phylogenetics. *Journal of Systematics and Evolution 46*: 307-314.

**Moen, D. S.**, and J. J. Wiens. (2009) Phylogenetic evidence for competitively driven divergence: body-size evolution in Caribbean treefrogs (Hylidae: *Osteopilus*). *Evolution 63*:195-214.

Moritz, C., Hoskin C. J., MacKenzie J. B., Phillips B. L., Tonione M., **Silva N.**, VanDerWal J., Williams S. E. and Graham C. H. (2009) Identification and dynamics of a cryptic suture zone in tropical rainforest. *Proceedings of the Royal Society B 276*: 1235-1244.

Richards, C.L., **R.L. Walls**, J. P. Bailey, R. Parameswaran, T. George and M. Pigliucci. (2008) Plasticity in salt tolerance traits allows for invasion of novel habitat by Japanese Knotweed (*Fallopia japonica* and *F. x bohemica*, Polygonaceae). *American Journal of Botany 95*(8): 931-942.

**Yukilevich R**, True J.R. (2008) African morphology, behavior, and pheromones underlie incipient sexual isolation between U.S. and Caribbean *Drosophila melanogaster*. *Evolution 62*: 2807-2828.

**Yukilevich R**, Lachance J, Aoki F, True J.R. (2008) Long-term evolution of epistatic genetic networks. *Evolution 62*: 2215-2235.

**Yukilevich R**, True J.R. (2008) Incipient sexual isolation among cosmopolitan *Drosophila melanogaster* populations. *Evolution 62*: 2112-21.

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

**Bourdeau, P. E.** (2009) Stuck between a rock crab and a hard place: phenotypic responses to multiple predators in a marine snail. *Society for Integrative and Comparative Biology*. Boston, MA.

## Ecology and Evolution

- Brown, James.** (2009) Marsh Coastline Changes through Geographic Information System: Lido Beach Nature Preserve, Long Island, NY. *The Geological Society of America, Northeastern Division Conference*. Portland, ME.
- Cahill, Abigail.** (2009) Propagule pressure: the link between species introductions and neutral ecological theory. *Benthic Ecology Meeting*. Corpus Christi, TX.
- Cogni, Rodrigo.** (2008) Evidence against the Enemy Release Hypothesis: a native specialist herbivore shows preference for and higher fitness on an introduced host. *Evolution*. Minneapolis, MN.
- Cogni, Rodrigo.** (2008) A free meal: no costs for acquiring defensive plant alkaloids in an arctiid moth (*Utetheisa ornatrix*). *25<sup>th</sup> Anniversary Meeting of the International Society of Chemical Ecology*. State College, PA.
- Gray, S. M.** (2009) Assessing patterns of microbial diversity with metagenomics. *Department of Ecology and Evolution Retreat*. Stony Brook, NY.
- Gray, S. M.** (2009) Not just an ant trap anymore: Research using the food web within pitcher plant leaves. *Invited Colloquium Speaker*. Long Island University, C.W. Post Campus, Brookville, NY.
- Gray, S. M.** (2009) More than just an ant trap: dynamics of the pitcher plant, *Sarracenia purpurea*, and the food web inhabiting its leaves. *Invited Speaker, Long Island Botanical Society*. Stony Brook, NY.
- Hickman, Jonathan, Wu, S., Mickley, L., and Lerdau, M.** (2008) Kudzu (*Pueraria montana*) Invasion Doubles Emissions of Nitric Oxide, a Precursor to Tropospheric Ozone. *American Geophysical Union Fall Meeting*. San Francisco, CA.
- Hoch, J.M.** (2009) Sex allocation and reproductive success in simultaneously hermaphroditic acorn barnacles. *SICB Meeting*. Boston, MA.
- Larson, K., **A. Laybourn, B. Wilder** and C. Zambrana (2009) A Phylogenetic Analysis of Three Tropical Forests. *International Biogeography Meeting*. Merida, Mexico.
- Lyons, Patrick, Thornber C., Portnoy J., Smith S., Gwilliam E., Lee K., Chapman K.** (2008) Dynamics of macroalgal blooms in East Harbor, Truro, Massachusetts, Cape Cod National Seashore. *37<sup>th</sup> Annual Benthic Ecology Meeting*. Providence, RI.
- Lyons, Patrick** (2009) Dynamics of shrimp goby mutualism in the Caribbean. *Society of Integrative and Comparative Biology Annual Meeting 2009*. Boston, MA.
- Moen, D. S., and J. J. Wiens.** (2008) Phylogenetic evidence for competitively driven divergence: body-size evolution in Caribbean treefrogs (Hylidae: *Osteopilus*). *Evolution Annual Meetings*. Minneapolis, MN.
- Moen, D. S., S. A. Smith, and J. J. Wiens.** (2008) Community assembly through evolutionary diversification and dispersal in Middle American treefrogs. *Annual Joint Meeting of Ichthyologists and Herpetologists*. Montreal, Quebec.
- Noto, Christopher R.** (2008) New Quantitative and experimental approaches to the study of vertebrate paleoecology. *Invited seminar*. Universidad de Los Andes, Bogota, Colombia.
- Noto, Christopher R.** (2008) Dinosaurs: More than just old bones. *Invited seminar*. Universidad de Los Andes, Bogota, Colombia.
- Silva, Natalia.** (2008) Environmental space of closely related lineages - The case of *Coeligena* hummingbirds. *NAS Sackler Colloquium "Biogeography, Changing Climates and Niche Evolution"*. Beckman Center, Irvine, CA.
- Silva, Natalia.** (2009). Interspecific versus intraspecific niche variation in *Coeligena* hummingbirds. *IV Biennial Meeting International Biogeographic Society*. Merida, Mexico.
- Stanton, Jessica.** (2008) Linking Changing Habitat to PVA Models: Effects of Spatial Pattern of Landscape Change on Viability, Stability, and Functionality of 3 Bird Species. *Society for Conservation Biology, 22<sup>nd</sup> Annual Meeting*. Chattanooga, TN.

**Yeh, Shu-Dan** and John R True (2008) Genetics of functionally-related traits: QTL mapping of male-specific pigmentation and courtship behavior in *Drosophila elegans* and *D. gunungcola*. *Evolution* 2008. University of Minnesota, Minneapolis, MN.

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

**Bourdeau, Paul E.** (2009) Post-Doctoral Associate. Department of Fisheries and Wildlife, *Michigan State University*, East Lansing, MI.

**Hickman, Jonathan.** (2009) Postdoctoral Fellow. The Earth Institute, *Columbia University*, New York, NY.

**Yeh, Shu-Dan.** (2009) Post-Doctoral Research Fellow. Department of Ecology and Evolutionary Biology, *University of California at Irvine*, Irvine, CA.

**Zhu, Lei.** (2009) Post-Doctoral Research Fellow. Department of Molecular Biology, Cell Biology and Biochemistry, *Brown University*, Providence, RI.

# ENGLISH

GRADUATE DIRECTOR: CELIA MARSHIK  
DEPARTMENT CHAIR: STEPHEN SPECTOR

## ❖ Grants, Fellowships, and Awards

**Walsh, Rachel.** (2009) The John W. Hunt and *Faulkner Journal* Scholarship, \$500. *The William Faulkner Society*, Boston, MA.

## ❖ Singly Authored Publications/Research Reports/Reviews

**Hunter, Les.** (2009) Becoming Romantic: Women's Encounters with the Other in *Machinal* and *Mourning Becomes Electra*. *Text and Presentation 2008*: 55-66.

**Stormont, Craig.** (2009) Charles Olson and the Nature of Destructive Humanism. *Big Bridge: A Webzine of Poetry*.

**Walsh, Rachel.** (2009) Valerie Martin's Property. In Timothy Mark Robinson (Ed.), *Encyclopedia of Slavery and Freedom in American Literature*. New York: Facts On File Press.

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

**Buscemi-Garret, Nicole.** (2009) Aphra Behn's Religious Politics: *Oroonoko* and "The Golden Age." *Region, Religion and Early Modern England*. London, UK.

**Fox, Meghan.** (2008) "The vision must be perpetually remade": An Examination of Ethical and Aesthetic Revisions in *To the Lighthouse*. *Eighteenth Annual International Conference on Virginia Woolf*. Denver, CO.

**Held, Lisa.** (2008) Never Last Orders: John McGuffin and the Legacy of Internment-era Literature. *Northeast Irish Cultural Network Conference*. Sunderland, UK.

**Hunter, Les.** (2009) Projecting *Diff'rence*: An Archive of Representation in the Production Photos of O'Neill's *Diff'rent*. *Northeastern Modern Language Association Conference*. Boston, MA.

**Kightlinger, Jennifer-Ann,** and Mary Jo Bona. (2008) Class Acts: Food Talk as Gestures of Defiance and Assimilation in Italian America. *How Class Works*. Stony Brook, NY.

**Kightlinger, Jennifer-Ann.** (2008) "Spiritual seasonings [are] as necessary to a frail humanity as salt and pepper and garlic to insipid food": Food and Faith in Mari Tomasi's *Like Lesser Gods*. *41<sup>st</sup> Annual Conference of the American Italian Historical Association*. New Haven, CT.

**McGrath, Derek.** (2009) "So It Was Just a Story": DNA as a New Though Insufficient Narrative in Gates's *African American Lives*. *Northeast Modern Language Association*. Boston, MA.

**McGrath, Derek.** (2009) "Shrinking from My Father": Disguises and Dickens's Darwinism in *Our Mutual Friend*. *Brooklyn College Graduate English Conference*. Brooklyn, NY.

**Neefe, Lauren.** (2008) The Epistolary Work of Coleridge's Conversation Poems. *International Conference on Romanticism*. Rochester, MI.

**Neefe, Lauren.** (2009) "Rook" Errant: Aural Sophistication and Lyric Poiesis in Sylvia Plath's "Black Rook in Rainy Weather." *Society for Textual Scholarship*. New York, NY.

**Klein, Kathryn.** (2009) Queer Relations: The Boston Marriage in Henry James's *The Bostonians*. *Northeastern Modern Language Association Conference*. Boston, MA.



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

**Fazio, Michele.** (2009) Assistant Professor. English Department, *University of North Carolina at Pembroke*, Pembroke, NC.

**Mallavarapu, Srikanth.** (2009) Assistant Professor. English Department, *Roanoke College*, Salem, VA.

❖ **Other**

**Hunter, Les.** (2009, 2008) Playwright. *Biggest Break. Artistic New Directions*, Shetler Studios, New York, NY. *Brooklyn Playwrights Collective*, WAH Center, Brooklyn, NY.

**Hunter, Les.** (2009) Playwright. *Notes towards a Dialectic, Deconstructed, Reconstructed, and Ultimately Discarded: A Love Story. Chapel Players*, St. Joseph's College, Brooklyn, NY. *Jackson Rep*, The Garden School, Jackson Heights, NY.

# EUROPEAN LANGUAGES, LITERATURES AND CULTURES

GRADUATE DIRECTOR: TIMOTHY WESTPHALEN  
DEPARTMENT CHAIR: NICHOLAS RZHEVSKY

## ❖ Grants, Fellowships, and Awards

**Zalewski, Jessica.** (2009) The Stony Brook Foundation, \$500. *Stony Brook University*, Stony Brook, NY.

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

**Zalewski, Jessica.** (2009) *Le Deuxième Sexe* et *Atlas Shrugged*: Cherchant les Raisons de Vivre. *The Department of French Studies 3<sup>rd</sup> Annual Graduate Student Conference*. Louisiana State University, LA.

**Zalewski, Jessica.** (2009) Le Droit de Fonder une Famille: The Right to Form a Family. *The Desire for Representation/The Desire of Representation*. Stony Brook Manhattan, New York, NY.

# GENETICS

GRADUATE DIRECTOR: GERALD THOMSEN

## ❖ Grants, Fellowships and Awards

- Fortner, Mary.** (2008) International Xenopus Conference Travel Award, €500. *12th International Xenopus Conference*, Leiwen, Germany.
- Gersch, Robert.** (2008) Young Investigator Award, \$1,000. *American Society of Bone Mineral Research*, Montreal, Canada.
- Leonhard-Melief, Christina.** (2008) Society for Glycobiology Travel Award, \$800. *Society for Glycobiology*, Fort Worth, TX.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Lachance, Joseph.** (2009) Detecting Selection-Induced Departures from Hardy-Weinberg Proportions. *Genetics Selection Evolution* 41: 15.
- Lachance, Joseph.** (2008) A Fundamental Relationship Between Genotype Frequencies and Fitnesses. *Genetics* 180(2): 1087-93.
- Lachance, Joseph.** (2008) Subject to Change. *Nature* 454(7206): 916.

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Taghavi, S., **Garafola, Craig**, Monchy, S., Newman, L., Hoffman, A., Weyens, N., Barac, T., Vangronsveld, J., van der Lelie, D. (2009) Genome survey and characterization of endophytic bacteria exhibiting a beneficial effect on growth and development of poplar trees. *Appl Environ Microbiol.* 75(3): 748-57.
- Moreels, D., Crosson, G., **Garafola, Craig**, Monteleone, D., Taghavi, S., Fitts, J.P., van der Lelie, D. (2008) Microbial community dynamics in uranium contaminated subsurface sediments under biostimulated conditions with high nitrate and nickel pressure. *Environ Sci Pollut Res Int.* 15(6): 481-91
- Gersch, Robert P.** and Hadjiargyrou, M. (in press) Mustn1 is expressed during chondrogenesis and is necessary for chondrocyte proliferation and differentiation in vitro. *Bone*.
- Hosszu, Kinga**, Santiago-Schwarz, F., Peerschke, E., Ghebrehiwet, B. (2008) C1q is a molecular switch that regulates dendritic cell maturation at the monocyte-to-dendritic cell transition. *Molecular Immunology* 45(16): 4142-43.
- Hosszu, Kinga**, Santiago-Schwarz, F., Peerschke, E., Ghebrehiwet, B. (2008) C1q is a molecular switch dictating the monocyte to dendritic cell (DC) transition and arrests DCs in an immature phenotype. *FASEB Journal* 22: 673.1.
- Pujol C., **Klein, Kathryn A.**, Romanov R.A., Palmer L.E., Ciota C., Zhao Z., and Bliska J.B. (in press) *Yersinia pestis* can reside in autophagosomes and avoid xenophagy in murine macrophages by preventing vacuole acidification. *Infect. Immun.* doi:10.1128/IAI.00068-09.
- Kloc, Anna** and Martienssen, R.A. (2008) RNAi, heterochromatin and the cell cycle. *Trends in Genetics* 10: 511-7
- Martienssen, R.A., **Kloc, Anna**, Slotkin, R.A., Tanurdzic, M. (in press) Epigenetic inheritance and reprogramming in plants and fission yeast. *Cold Spring Harb Symp Quant Biol*.

- Yukilevich, R., **Lachance, Joseph**, Aoki, F., True, J. (2008) Long-Term Adaptation of Epistatic Genetic Networks. *Evolution* 62(9): 2215-2235.
- Nolan, Marissa E.**, Basu, Srinjin, Lee, Sangjun, Allred D.C., and Muthuswamy, Senthil K. (2008) The polarity gene *Par6* promotes hyperproliferation and is overexpressed in breast cancer. *Cancer Res* 68(20): 8201-8209.
- Aranda, Victoria, **Nolan, Marissa E.**, and Muthuswamy, Senthil K. (2008) Par complex in cancer: a regulator of normal cell polarity joins the dark side. *Oncogene* 27: 6878–6887.
- Zhan, L., **Rosenberg, Avi Z.**, Bergami, K.C., Yu, M., Xuan, Z., Jaffe, A. B., Allred, C., Muthuswamy, S. K. (2008) Dereglulation of scribble promotes mammary tumorigenesis and reveals a role for cell polarity in carcinoma. *Cell* 135(5): 865-878.
- Zeevi, V.\*, **Tovkach, Andriy\*** and Tzfira, T. (2008) Increasing cloning possibilities using artificial zinc finger nucleases. *PNAS* 105: 12785-12790. (\*Authors contributed equally to this work).
- Tovkach, Andriy**, Zeevi, V. and Tzfira, T. (2009) A toolbox and procedural notes for characterizing novel zinc finger nucleases for genome editing in plant cells. *Plant J.* 57(4): 747-57.
- Tovkach, Andriy**, Zeevi, V. and Tzfira, T. (in press) Validation and expression of ZFNs and in plant cells. In D. Segal and McKay (Eds.), *Methods in Molecular Biology*. Totowa, NJ: Humana Press.
- Zeevi, V., **Tovkach, Andriy** and Tzfira, T. (in press) Custom DNA Cloning by Zinc Finger Nucleases. In D. Segal and McKay (Eds.), *Methods in Molecular Biology*. Totowa, NJ: Humana Press.
- Dafny-Yelin, M., **Tovkach, Andriy** and Tzfira, T. (in press) Integration of Agrobacterium T-DNA in Plant Cells. In I. Meyer (Ed.), *Plant Cell Monograph, Functional organization of the plant cell nucleus*. New York, NY: Springer-Verlag LLC.

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

- Cressy, Michael**. (2008) Experimental Evolution of *rutabaga* Suppression: Modeling Epistasis Underlying Behavior. *Neuroscience*. Washington D.C.
- Fortner, Mary**, Kalkan, T., Thomsen, G. (2008) Tumor Necrosis Factor Receptor-Associated Factor 4 (TRAF4) affects TGF- $\beta$  signaling and is necessary for *Xenopus* development. *12th International Xenopus Conference*. Leiwen, Germany.
- Gersch, Robert**. (2008) In vivo Downregulation of Mustn1 mRNA Leads to Musculoskeletal Defects. *American Society for Bone and Mineral Research Annual Meeting*. Montreal Canada.
- Hosszu, Kinga**, Santiago-Schwarz, F., Peerschke, E., Ghebrehiwet, B. (2008) C1q is a molecular switch that regulates dendritic cell maturation at the monocyte-to-dendritic cell transition. *Complement Workshop*. Basel, Switzerland.
- Kloc, Anna**. (2008) RNAi interference guides histone modification during the S phase of chromosomal replication. *The Third North American Regional Fission Yeast Meeting*. Los Angeles, CA.
- Lachance, Joseph**. (2008) A Fundamental Relationship Between Genotype Frequencies and Fitnesses. *Evolution 2008*. Minneapolis, MN.
- Lee, Youngja**, Thomsen, G. H. (2009) ING2 is essential for early signaling pathways and for mesoderm induction in *Xenopus* embryos. *Keystone Symposia: Epigenetic, Development and Human Disease*. Breckenridge, CO.
- Leonhard-Melief, Christina.**, Du, J., Takeuchi, H., Dlugosz, M., Holdener, B.C., Haltiwanger, R.S. (2008) Analyzing targets of Pofut2 in early embryos. *2008 Annual Meeting of the Society for Glycobiology*. Fort Worth, TX.

- Du, J., Takeuchi, H., **Leonhard, Christina**, Dlugosz, M., Haltiwanger, R. S., Holdener, B. C.; (2008) O-Fucose modification is essential for patterning mesoderm in the mouse embryo. *Mouse Genetics & Genomics: Development & Disease, Cold Spring Harbor Laboratory*. Cold Spring Harbor, NY.
- Rosenberg, Avi Z.**, LaMarca, H. L., Rosen, J.M., Muthuswamy, S. K. (2008) Scribble Loss Enriches for a Mammary Progenitor Cell. *Department of Defense Breast Cancer Research Program, Era of Hope Meeting*. Baltimore, MD.
- Rosenberg, Avi Z.**, LaMarca, H. L., Rosen, J.M., Muthuswamy, S. K. (2008) Scribble Loss Blocks Differentiation of Mammary Epithelial Cells. *Gordon Research Conference on Mammary Gland Biology*. Lucca (Barga), Italy.
- Bingham, P. M., Zachar, Z., Shorr, R., Rodriguez, R., Lee, K., Marecek, J., Gupta, S., Howell, K., **Stuart, Shawn**, Moore, C., Lem, J., Piramzadian, A., Karnik, S.. Thiocytans, (2008) A New Class Of Anti-Cancer Lipoic Acid Derivatives. *American Association for Cancer Research Annual Meeting*. San Diego, CA.
- Zachar, Z., **Stuart, Shawn D.**; Gupta, S., Howell, K., Marecek, J., Lem, J., Piramzadian, A., Moore, C., Bhasin, R., Karnik, S., Boteju, L. W., Lee, K., Rodriguez, R., Shorr, R., Bingham, P. M. (2008) Thiocytans, A Potent New Class Of Anti-Cancer Agents, Selectively Target Tumour Cell Mitochondrial In Human Xenograft Models Via A Novel Mechanism. *Mechanisms & Models Of Cancer, Cold Spring Harbor Laboratory*. Cold Spring Harbor, NY.
- Tovkach, A** , Zeevi, V. and Tzfira, T. (2008) Towards Controlled T-DNA Integration in Plants. 29<sup>th</sup> *Annual Crown Gall Conference*. Ann Arbor, MI.

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

- Gersch, Robert**. (2009) Post-doctoral Adjunct Assistant Professor. Department of Surgery, *Stony Brook University*, Stony Brook, NY.
- Klein, Kathryn A**. (2009) Postdoctoral Fellow. Department of Microbiology and Molecular Genetics, *Medical College of Wisconsin*, Milwaukee, WI.
- Nolan, Marissa E**. (2008) Scientific Associate. *Sudler & Hennessey*, New York City, NY.

# GEOSCIENCES

GRADUATE DIRECTOR: DANIEL DAVIS  
DEPARTMENT CHAIR: RICHARD REEDER

## ❖ Grants, Fellowships, and Awards

- Beavon, Lauren.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, D.C.*
- Cochiara, Stacey.** (2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, D.C.*
- Fokin, A. Maria.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, D.C.*
- Hahn, Brian C.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, D.C.*
- Hahn, Brian C.** (2008) GSA Planetary Science Division's Stephen E. Dworkin Student Research Award. *Geological Society of America, Houston, TX.*
- Hylton, Shavonne.** (2008-2009) Fellowship Recipient - IGERT 3MT training program fellowship, \$30,000. *National Science Foundation/Stony Brook University, Stony Brook, NY.*
- Lorenz, Emily.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, D.C.*
- Lorenz, Emily.** (2008) Travel Award, \$400. *Synchrotron Environmental Science IV, San Francisco, CA.*
- Mason, Harris.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Fellowship. *United States Department of Education, Washington, D.C.*
- McCubbin, Francis.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Fellowship, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, DC.*
- Michel, F. Marc.** (2008) President's Award to Distinguished Doctoral Student, \$500. *Stony Brook University, Stony Brook, NY.*
- Tarabrella, Cathy.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, DC.*
- Thompson, Meagan.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, DC.*
- Whitaker, M.L.** (2008-2009) Fellowship Recipient - Graduate Assistance in Areas of National Need (GAANN) Program, Stipend and Tuition for 1 academic year. *U.S. Department of Education, Washington, DC.*
- Whitaker, M.L.** (2008) Outstanding Student Paper Award. *American Geophysical Union Fall Meeting, San Francisco, CA.*

**Whitaker, M.L.** (2008) Travel Award, \$440. *Gordon Conference on Research at High Pressure*, Biddeford, ME.

**Whitaker, M.L.** (2008) Travel Award, \$500. *2008 COMPRES Annual Meeting*, Colorado Springs, CO.

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

McCubbin F.M., Nekvasil H., **Harrington A.D.**, Elardo S.M. and Lindsley D.H. (2008) Compositional diversity and stratification of the martian crust: Inferences from crystallization experiments on the picobasalt Humphrey from Gusev Crater, Mars. *Journal of Geophysical Research-Planets* 113: E11013.

Nekvasil H., McCubbin F.M., **Harrington A.D.**, Elardo S.M. and Lindsley, D.H. (in press) Linking the Chassigny meteorite and the martian surface rock Backstay: Insights into igneous crustal differentiation processes on Mars. *Meteoritics and Planetary Science*.

**Mason, H. E.**, McCubbin, F., Smirnov, A., Phillips, B. L. (2009) Solid-State NMR and IR spectroscopic investigation of the role of structural water and F in carbonate-rich fluorapatite. *Am. Mineral* 94(4): 507-516.

**Thompson, M.**, Shen, X., Allen, P.B. (2009) Density functional calculation of electronic structure and phonon spectra of Na<sub>2</sub>O. *Phy. Rev. B*. 79(11).

**Whitaker, M.L.**, Liu, W., Liu, Q., Wang, L., Li, B. (in press) Thermoelasticity of -FeSi to 8 GPa and 1273 K. *American Mineralogist*.

**Whitaker, M.L.**, Liu, W., Liu, Q., Wang, L., Li, B. (2008) Combined *in situ* synchrotron X-ray diffraction and ultrasonic interferometry study of e-FeSi at high pressure. *High Pressure Research* 28(3): 385-395.

Liu, Q., Liu, W., **Whitaker, M.L.**, Wang, L., Li, B. (2008) Compressional and shear wave velocities of Fe<sub>2</sub>SiO<sub>4</sub> spinel at high pressure and high temperature. *High Pressure Research* 28(3): 405-413.

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

**Che, C.**, Glotch, T., Cintrón, I. (2008) Infrared spectral study of dehydrated and dehydroxylated clay samples. *American Geophysical Union Fall Meeting*. San Francisco, CA. (poster)

**Hahn, B. C.** (2009) McLennan, S. M., R. J. Reeder, and Tosca, N. J. Experimental Constraints on Trace Element Behavior in Martian Evaporite Minerals. 40<sup>th</sup> *Lunar and Planetary Science Conference*. Houston, TX. (abstract)

**Hahn, Brian C.** (2008) The 2001 Mars Odyssey Science Team Meeting. *Lunar and Planetary Laboratory at the University of Arizona*. Tucson, AZ. (abstract)

**Mason, H. E.**, Hirner, J. J., Phillips, B. L., (2008) <sup>207</sup>Pb, <sup>31</sup>P, and <sup>1</sup>H NMR Spectroscopy of Pb-rich Apatite. *Rocky Mountain Conference on Analytical Chemistry 2008*. Breckenridge, CO.

**Schmidt, Millicent.** (2008) Montmorillonite dissolution rates in simulated lung fluids. *AGU Fall Meeting*. San Francisco, CA. (abstract)

**Wang, Y.**, L. Wen, D. Weidner and Y. He (2008) Velocity structures and thermal and compositional models beneath Eastern Asia and North America. *SEDI 2008 Conference*. Kunming, China.

**Wang, Y.**, L. Wen, and D. Weidner (2008) Constraining composition of Mars using geophysical constraints and mineral physics data. *AGU Fall Meeting*. San Francisco, CA.

- Wang, Y.,** L. Wen, and D. Weidner (2009) Constraining composition of Mars using geophysical constraints and mineral physics data. *40<sup>th</sup> Lunar and Planetary Sciences Conference*. The Woodlands, TX.
- Whitaker, M.L.,** Liu, W., Liu, Q., Wang, L., Li, B. (2008) Acoustic velocities and thermoelastic properties of FeSi at high P and T. *AGU Fall Meeting*. San Francisco, CA.
- Li, B., Liu, W., Liu, Q., **Whitaker, M.L.** (2008) Elasticity and Density Measurements on Melts and Amorphous Materials at High Pressure. *AGU Fall Meeting*. San Francisco, CA.
- Liu, Q., Liu, W., **Whitaker, M.L.,** Wang, L., Li, B. (2008) In-situ elasticity measurements on fayalite to 8.7 GPa and 1073 K. *AGU Fall Meeting*. San Francisco, CA.
- Whitaker, M.L.,** Liu, Q., Liu, W., Wang, L., and Li, B. (2008) Compressional and -FeSi to 12 GPa. *The 2008 Gordon Research Conference Shear Wave Velocities in on Research at High Pressure*. (abstract & poster)
- Woerner, W.R.,** Coraor E.K., McCubbin F.M., Nekvasil H., and Lindsley D.H. (2009) The Effect of Pressure on the Crystallization of the Picrobasalt Humphrey: Implications for Crustal Stratigraphy in Martian Volcanic Provinces. *40<sup>th</sup> Lunar and Planetary Science Conference*. Houston, TX.
- Young, Caitlin.** (2008) Evaluating the extent of Denitrification in Suffolk County Ground Water. *NGWA Conference on Eastern Regional Ground Water Issues*. Ronkonkoma, NY.
- Young, Caitlin.** (2009) Evidence of Denitrification in the Upper Glacial Aquifer at Fire Island National Seashore. *Conference on the Geology of Long Island and Metropolitan New York*. SUNY Stony Brook, Stony Brook, NY.
- Young, Caitlin.** (2009) Evaluating Nitrogen Loss in Suffolk County Groundwater: Denitrification in Northport Public Supply Wells. *Conference on the Geology of Long Island and Metropolitan New York*. SUNY Stony Brook, Stony Brook, NY.
- Zhao, Yuyan,** McLennan, Scott M., and Tosca, Nicholas J. (2009) Experimental Constraints on Trace Element Behavior During Martian Fe-oxidation Processes at Meridiani Planum. *40<sup>th</sup> Lunar and Planetary Science Conference*. Houston, TX. (poster)
- Zhu, Wei.** (2008) Shear-enhance compaction and failure in Colli Albani Tuff under triaxial compression. *Gordon Conference-Rock Deformation, Real- time Rheology*. Tilton School, Tilton, NH.
- Zhu, Wei.** (2008) Deformation and Failure Properties of Colli Albani Tuff. *AGU Fall Meeting*. San Francisco, CA.

### ❖ Post-Doctorates Obtained and Professional Appointments

- Hahn, Brian C.** (2008, 2009) Student Collaborator. Mars Exploration Rover Mission, NASA – *Jet Propulsion Laboratory*, Pasadena, CA.
- Hahn, Brian C.** (2008, 2009) Student Collaborator. Mars Odyssey Mission, NASA – *Jet Propulsion Laboratory*, Pasadena, CA.



# HISPANIC LANGUAGES, LITERATURES AND CULTURES

GRADUATE DIRECTOR: KATHLEEN VERNON  
DEPARTMENT CHAIR: VICTORIANO RONCERO-LÓPEZ

## ❖ Grants, Fellowships and Awards

- Aguasaco, Carlos.** (2008) W. Burghardt Turner Summer Research Grant for “Wrestlers and Superheroes in the Mexican Cinema of the 20th Century,” \$3,000. *SUNY at Stony Brook*, Stony Brook, NY.
- Aguasaco, Carlos.** (2008) Outstanding Teacher Award. *The City College of New York CWE*, New York, NY.
- Allbritton, Dean.** (2009) Turner Fellowship Conference Award, \$1,200. *Stony Brook University*, Stony Brook, NY.
- Álvarez, Gabriela.** (2009) Tinker Field Research Grant, \$1,712, *Tinker Foundation Incorporated*, New York, New York, U.S
- Fernández González, Ana B.** (2009) Tinker Field Research Grant, \$1,515. *LACS*, Stony Brook University, Stony Brook, NY.
- Fredrick, Sharonah.** (2008) Turner Conference Travel Award, \$750. *Turner Fellowships, Stony Brook University*, Stony Brook, NY.
- Fredrick, Sharonah.** (2009). Turner Conference Travel Award, \$450. *Turner Fellowships, Stony Brook University*, Stony Brook, NY.
- Fredrick, Sharonah.** (2009) Tinker Summer Travel Award, \$1,605. *LACS*, Stony Brook University, Stony Brook, NY.
- Sanz Alvarez, Arancha.** (2009) Tinker Field Research Grant, \$1,440. *LACS*, Stony Brook University, Stony Brook, NY.
- Shepherd, N. Michelle.** (2009) Andrew W. Mellon Dissertation Writing Seminar, \$4,500. *Stony Brook University*, Stony Brook, NY.
- Soler, Maria- Cristina.** (2008) Hispanic Languages and Literature Award for Excellence in Teaching. *Stony Brook University*, Stony Brook, NY.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Aguasaco, Carlos.** (2008) Aproximaciones a dos cuentos de Daniel Alarcón incluidos en *War by Candlelight* (Stories). *Periódico de Libros Lecturas Críticas 4*: 6-7.
- Aguasaco, Carlos.** (2008) Nueva York. In Roberto Reséndiz (Ed.), *Antología del XII Encuentro Internacional de Poetas*. Zamora, México : Conacultura.
- Allbritton, Dean.** (in press) Book Review of *Live Flesh: The Male Body in Contemporary Spanish Cinema* by S. Fouz-Hernández and A. Martínez-Expósito. *Studies in Hispanic Cinemas*.
- Rubio Pueyo, Vicente.** (2008) Después de la Teoría: una introducción. *Riff-Raff 37*: 49-54.
- Sanz Alvarez, Arancha.** (in press) La bohemia latinoamericana en París: Aurora Caceres, voyeurista. In Sara Beatriz Guardia (Ed.), *Viajeras entre dos mundos*. Lima: CEMHAL.
- Shepherd, N. Michelle.** (2009) Book Review of *Loneliness as a Way of Life* by Thomas Dumm. *Foucault Studies*.

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

Flesler, Daniela and **N. Michelle Shepherd**. (2009) Domesticity, Motherhood and Transnational Reproductive Work in Contemporary Latin American Immigration to Spain. In Harald Braun, Kirsty Hooper, and Lisa Vollendorf (Eds.), *Theorizing the Ibero-American Atlantic*. London and Leiden: Brill.

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

**Aguasaco, Carlos** . (2008) Geométricas no euclidianas, la aparición del sujeto multidimensional, en Poemas humanos de Cesar Vallejo. *Symposium I Am Going To Speak About Hope*. The Hofstra Cultural Center, Hofstra University, Hempstead, NY.

**Aguasaco, Carlos**. (2008) Poesía sin fronteras. Feria internacional del libro de Bogotá. *Poetry Reading*. Bogotá, Colombia.

**Aguasaco, Carlos**. (2008) Tertulia-taller nosotros contamos. *Poetry Reading, Comisionado Dominicano de Cultura en los Estados Unidos, Secretaría de Estado de Cultura*. New York, NY.

**Aguasaco, Carlos**. (2008) *Poetry Reading, Feria del Libro Hispana/Latina de NY*. Queens, NY.

**Allbritton, Dean**. (2008). On Infirm Ground: Ill Masculinities in *El Mar*. *Hispanic Languages & Literature Campus Colloquia*. Stony Brook, NY.

**Allbritton, Dean**. (2009) To be a Real Boy: Mad Love & Masculinity in Lars and the Real Girl. *Popular Culture Association National Conference*. New Orleans, LA.

**Allbritton, Dean**. (2009) Manscapes: Topographies of Masculinity in Marc Recha's *Dies d'agost*. *The Masculinities Symposium (Feminist Campus Colloquium Series)*. Stony Brook, NY.

**Álvarez, Gabriela**. (2009) Repressing the Repressed: Sexual Transgressions and Punishment in María Luisa Bemberg's *Miss Mary*. *Risky Business: 2<sup>nd</sup> Women's Studies Graduate Student Conference*. Stony Brook Manhattan, New York, NY.

**Fredrick, Sharonah** (2008) The Image of the Black Slave in Colonial Spanish Literature. *Colloquium of the Department of Hispanic Language & Literature*. Stony Brook University, Stony Brook, NY.

**Fredrick, Sharonah** (2008) Indigenous Peoples in Picaresque Literature: Vicente Alemany's Phillipine Voyages and Quevedo's Pablicos. *Midwest Association on Latin American Studies-MALAS*. San Juan, PR.

**Fredrick, Sharonah** (2009) Reinventing History: Tlaxcalla's Role in the Mexican Historical Novel of the Conquest-Xicotencal. *Southwest Conference on Latin American Studies-SCOLAS*. Santo Domingo, DR.

**Sanz Alvarez, Arancha**. Women Travelers: A Dangerous Gaze. *Risky Business: 2<sup>nd</sup> Women's Studies Graduate Student Conference*. Stony Brook Manhattan, New York, NY.

**Shepherd, N. Michelle**. (2009) Nation and Sexualization: Purity, Promiscuity and Prostitution in Spanish Narrative. *The American Comparative Literature Association's 2009 Annual Conference*. Harvard University, Cambridge, MA.

**Shepherd, N. Michelle**. (2009) The Business of Masculinity: Manicured Cavemen and HBO's *Entourage*. *The 2009 National Popular Culture Association Annual Conference*. New Orleans, LA.

**Shepherd, N. Michelle**. (2009) Women at the Margins. *Risky Business: Women's Studies 2009 Graduate Student Conference*. Stony Brook Manhattan, New York, NY.

❖ **Translations**

**Rubio Pueyo, Vicente** (2008). Crítica e ideología: el hispanismo anglosajón revisitado / British Hispanism Revisited. (Malcolm Read, Vicente Rubio Pueyo). Universidad de Zaragoza. *Riff-Raff* 37: 89-107.

**Rubio Pueyo, Vicente** (in press) Quevedo, Althusser y el inconsciente ideológico: lecturas por Juan Carlos Rodríguez y George Mariscal / Quevedo, Althusser and the Ideological Inconscious: readings by Juan Carlos Rodríguez and George Mariscal. (Malcolm Read, Vicente Rubio Pueyo). Universidad de Navarra. *La Perinola. Revista de Investigación Quevediana*.

❖ **Other**

**Aguasaco, Carlos**. (2008) Guest Writer. *The XII Encuentro Internacional de Poetas*. Zamora, Michoacán, México.

# HISTORY

GRADUATE DIRECTOR: BROOKE LARSON  
DEPARTMENT CHAIR: NANCY TOMES

## ❖ Grants, Fellowships and Awards

- Artinian, Juan Pablo.** (2009) Mellon Foundation pre-dissertation seminar grant \$4,500. *Andrew W. Mellon Foundation*, New York, NY.
- Artinian, Juan Pablo.** (2008) Pre-Dissertation Travel Grant, \$1,500. *Tinker Foundation*, Stony Brook University, Stony Brook, NY.
- Artinian, Juan Pablo.** (2006) Fellowship for Seminar on Genocide and Human Rights, Tuition Waiver. *Zoryan Institute*, University of Toronto, Toronto, Canada.
- Harambour - Ross, Alberto.** (2008-2009) International Dissertation Research Fellowship-Social Sciences Research Council. Andrew Mellon Foundation, New York, NY.
- Harambour - Ross, Alberto.** (2008) International Summer School Fellowship, 'Regions of Culture, Regions of Identity.' *Graduate Centre for the Study of Culture (GCSC)*, Justus-Liebig Universität Gießen – Herder Institut. Giessen, Alemania.
- Martone, Eric.** (2009) Summer Workshops, \$1,500. *National Endowment for the Humanities*, Mark Twain House and Museum, Hartford, CT and the Eldridge Street Synagogue, New York, NY.
- Offenbach, Seth.** (2008) Samuel Flagg Bemis Research Grant, \$1,000. *Society for Historians of American Foreign Relations*, Columbus, OH
- Rice, Mark.** (2009) Dissertation Proposal Development Fellowship, \$5,000. *Social Science Research Council*, Brooklyn, NY.
- Rice, Mark.** (2009) Tinker Field Research Grant, \$2,000. *Tinker Foundation*, New York, New York.
- Scalena, Matthew.** (2008) James R. Scobie Memorial Award, \$1,500. *The Conference on Latin American History*, Charlotte, NC.
- Scalena, Matthew.** (2008) Travel Grant, \$200. *Canadian Association of Latin American and Caribbean Studies*, Montreal, Quebec.
- Zhang, Dewen.** (2008-2009) Rockefeller Archive Center Research Grant, Rockefeller Archive Center, \$2,500. *Rockefeller Archive Center*, New York, NY.
- Zhang, Dewen.** (2008) Harvard-Yenching Library Travel Grant, \$400. Harvard University, Cambridge, MA.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Bosco Langert, Christina.** (2009) Hedgerows and Petticoats: Sartorial subversion and anti-enclosure protest in seventeenth century England. *Early Theatre Journal* 12(1): 119-135.
- Chambers, Mark.** (in press) Smelting Through the Ages: A History. In J. Ciment (Ed.), *Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society*. New York: M.E. Sharpe, Inc.
- Chambers, Mark.** (in press) Alloys and Metals. In J. Ciment (Ed.), *Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society*. New York: M.E. Sharpe, Inc.

- Chambers, Mark.** (in press) The Development of Windlass Technology: A History. In J. Ciment (Ed.), *Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society*. New York: M.E. Sharpe, Inc.
- Chambers, Mark.** (in press) Paul R. Josephson, Motorized Obsessions: Life, Liberty, and the Small-Bore Engine. *The Michigan Historical Review*.
- Estefane, Andrés.** (2008) Crónica de la primera venida del Cristo de Elqui. In Baeza, Estefane *et. al.* (Eds.), *XX. Historias del siglo veinte chileno*. Santiago: Vergara Grupo Zeta.
- Harambour - Ross, Alberto.** (2008) Book Review of *Trabajadores Urbanos y Sindicatos en Chile: 1902-1927* by Peter DeShazo. *Historia* 41(1).
- Harambour - Ross, Alberto.** (in press) “Silva Renard, ‘ejemplo digno de ser imitado’: Razón de Estado y Memoria a 100 años de 1907”. In Pablo Artaza & Susana Jiles (Eds.), *A 100 Años de la matanza de Santa María de Iquique*. Santiago, LOM.
- Harambour - Ross, Alberto.** (2008) “Migrant Labor: Latin America”, “Revolutions”, “Guevara, Che –As Icon”, and “Liberation Movements”. In Peter Stearns (Ed.), *Encyclopedia of Modern History*. New York-London: Oxford University Press.
- Hoglund, Sarah.** (in press) Hidden Agendas: The Secret to Early Nineteenth-Century British Burial Reform. In A. Pionke and D. Millstein (Ed.), *Victorian Secrecy*. Aldershot, England: Ashgate.
- Martone, Eric.** (in press) In the Shadow of Rousseau: Gender and the 2007 French Presidential Elections. *International Social Science Review*.
- Martone, Eric.** (2008) Not Without My Daughter! Health Issues and Immigration on Ellis Island: The Case of Carmela Saturnino. *EDSITEment*. <http://edsitement.neh.gov/>.
- Martone, Eric.** (2008) Naturalists of New France. Claude Dablon. Guillaume Delisle. In Russell Lawson (Ed.), *Research and Discovery: Landmarks and Pioneers in American Science*. Armonk, NY: M. E. Sharpe.
- Martone, Eric.** (2008) Counts of Orange. In Prem Poddar, Rajeev Patke, and Lars Jensen (Eds.), *A Historical Companion to Postcolonial Literatures: Continental Europe and its Empires*. Edinburgh: Edinburgh University Press.
- Martone, Eric.** (2008) Carolingian Dynasty. Hohenzollern Dynasty. Hundred Years’ War. Ronald Reagan. Richelieu. Second and Third French Republics. Soviet Purges. Spanish Bourbon Dynasty. War of the Spanish Succession. Boris Yeltsin. In Mark F. Whitters, Jiu-Hwa Upshur, Marsha Ackermann, Michael J. Schroeder, and Janice Terry (Eds.), *Encyclopedia of World History*. New York: Facts on File.
- Martone, Eric.** (2009) Rotimi Adebare. Afro-Caribbean Music in Britain. Afro-Germans. Age of Exploration. *Aida*. Saartjie Baartman. Josephine Baker. Josephine Bakhita. Jean-Baptiste Belley. Saint Benedict. Berlin Conference. *Black Athena* Controversy. Black British. Black History Month. Elizabeth Barrett Browning. Bubonic Plague and Blacks. Eugene Bullard. Theory of Descent of Blacks from Cain. Campaign Against Racial Discrimination (CARD). *El Celoso Extremeño* (1613). Black Conquistadors. William Cuffay. Joseph Damingue. W.E.B. Du Bois. Alexandre Dumas *films*. Alexandre Dumas *père*. Thomas-Alexandre Dumas. Félix Éboué. Blacks in the French Revolution. Hamitic Myth. Abraham Hannibal. Illegal African Immigration to Europe. C.L.R. James. Arabella Kiesbauer. Jean-Baptiste Lisset-Geoffroy. René Maran. Marché Dejean. May 10 Holiday. Alessandro de Medici. Jean-Louis Michel. D.S. Mirsky. *Mirza* (1795). Romance of Morien. Joachim Murat. *The Mysterious Island* (1874). Josef Nassy. New Imperialism. *Oroonoko* (1688). Sir Palamedes. PAMOJA. Polish Legions in the Haitian Revolution. Alexander Pushkin. Race Riots in Europe. Representative Council of Black Associations (CRAN). *Roar* (TV). Blacks in the Robin Hood Legend. Ignatius Sancho. Victor Séjour. French Slave Trade. Valaida Snow. Angelo Soliman. Léger Félicité Sonthonax. Blacks in Spain. Jonathan Strong.

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Blacks in European Television. *Tombouctou* (1883). Peter Ustinov. Billy Waters. Nathaniel Wells. Xenophobia and Blacks in Europe. Zwarte Piet. In Eric Martone (Ed.), *Encyclopedia of World History*. Westport, CT: Greenwood Press.

**Martone, Eric.** (2009) *Encyclopedia of Blacks in European History and Culture* (Ed.). Westport, CT: Greenwood Press.

**Murphy, Michael J.** (in press) Domestic Development: The UAW Brings Labor Internationalism Home, 1965-1974. *Labor: Studies in Working Class History of the Americas*.

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

**Artinian, Juan Pablo** and Schneider, A. (2008) *Las Voces de los Sobrevivientes. Testimonios sobre el Genocidio armenio*. Buenos Aires Facultad de Filosofia y Letras, Universidad de Buenos Aires/El Colectivo Press.

**Estefane, Andrés,** Figueroa F., Milos P., Moyano C. (2008) *Historia y Ciencias Sociales. 4º Medio*. Santiago, Chile: Editorial Mare Nostrum.

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

**Artinian, Juan Pablo.** (2009) Politics of Visual Representation in Argentina; State Power and Popular Creativity: Antonio Berni and Ricardo Carpani (1950-1963). *History Department Colloquium Series*. Stony Brook University, Stony Brook, NY.

**Artinian, Juan Pablo.** (2008) We are not immigrants we are refugees: Armenians in Argentina. *Latin American and Caribbean Center at Stony Brook University 7<sup>th</sup> Annual Multi-Disciplinary Graduate Student Conference*. New York, NY.

**Bhattacharya, Mithun.** (2009) Dying for Development: Union Carbide's Labor Policies in Bhopal 1969-1984. *American Society for Environmental History Annual Meeting*. Tallahassee, FL.

**Bosco Langert, Christina.** (2009) Pastoral Places, Debated Spaces: The debate over enclosure in seventeenth century England. *Social History Society Annual Conference*. University of Warwick, UK.

**Chambers, Mark.** (2009) "Land of Ores, Country of Minerals": Knowledge Making Along a River of Gray Gold. *American Society for Environmental History*. Tallahassee, FL.

**Chambers, Mark.** (2008) The Trial of Anne Hutchinson: Liberty, Law, and Intolerance in Puritan New England. *Reacting To The Past Annual Conference*. Barnard College, New York, NY.

**Chambers, Mark.** (2008) New York City in the American Revolution, 1775-1776. *Reacting To The Past Annual Conference*. Barnard College, New York, NY.

**Harambour - Ross, Alberto.** 2008. Borderland Sovereignties. *International Summer School 'Regions of Culture, Regions of Identity.'* Graduate Centre for the Study of Culture (GCSC) Justus-Liebig Universität Gießen – Herder Institute.

**Hoglund, Sarah.** (2008) High Gates and Higher Moral Standards: the Cemetery as Cultural Institution. *North American Victorian Studies Association Annual Meeting*. Yale University, New Haven, CT.

**Larkin, Kraig.** (2009) Death Throws a Party: Public Health, Consumer Culture, and the Question of Choice in West German Anti-Smoking Education of the 1960s and 1970s. *Self & Substance: Drugs, Culture, and Society*. University of Illinois at Urbana-Champaign, Urbana, IL.

**Larkin, Kraig.** (2008) Youth Smoking and Health Education in West Germany, 1964-1974. *German Studies Association Annual Conference*. St. Paul, MN.

- Murphy, Michael J.** (2008) Domestic Development: The UAW Brings Labor Internationalism Home, 1965-1974. *Workers, the Nation-State, and Beyond: The Newberry Conference on Labor History Across the Americas*. Newberry Library, Chicago, IL.
- Murphy, Michael J.** (2009) Organizing the Ghetto and the Barrio: Race, Labor, and Community Development in Los Angeles, 1965-1973. *Race, Labor, and the City: Crises Old and New*. Roosevelt University, Chicago, IL.
- Offenbach, Seth.** (2008) M.A.D. About You: Détente, Vietnam and the Transformation of American Conservatism. *Policy History Conference*. St. Louis, MO.
- Offenbach, Seth.** (2008) The Right Recollection of Vietnam: How Conservatives Remember Vietnam. *Oral History Conference*. Pittsburgh, PA.
- Offenbach, Seth.** (2008) 2008 & the Modern Presidential Election. *Speakers Series*. Smithtown Library, Nesconset Branch, Smithtown, NY.
- Rice, Mark.** (2009) Defeating Dictators and Redefining Democracies: the 1988 Campaign against Pinochet. *Southwestern Social Science Association, 89th Annual Meeting*. Denver, CO.
- Rice, Mark.** (2009) Democratic Recovery and Political Modernization in the Campaign against Pinochet. *56th Annual Conference of the South Eastern Council on Latin American Studies*. New Orleans, LA.
- Rider, Tara.** (2009) "...And the voice of the Turtle was heard in the land" - The Effect of Gender on the Landscape of Sixteenth Century Ireland. *Social History Society Annual Conference*. University of Warwick, Coventry, UK.
- Scalena, Matthew.** (2008) Global Trends and a Changing National Imaginary: a Reevaluation of the Attack on Early Underground. *The Canadian Association of Latin American and Caribbean Studies Conference "At the Crossroads of Empire."* Vancouver, BC.
- 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. *The Stony Brook Latin American and Caribbean Studies Center Annual Interdisciplinary Conference*. Manhattan, NY.
- Shaffer, Ryan.** (2008) The 'Ray-cist' Honeyford Debate: Race, Education, and Control in Britain. *Rocky Mountain Interdisciplinary History Conference*. University of Colorado at Boulder, Boulder, CO.
- Shaffer, Ryan.** (2009) Fascism, Modernity, Politics, and Aesthetics. *Cornell School of Criticism and Theory*. Cornell University, Ithaca, NY.
- Sloan, Elizabeth.** (2008) Governing Assimilation: Immigrant Families and French Welfare in the Era of Decolonization. *Rocky Mountain Interdisciplinary History Conference*. Boulder, CO.
- Sloan, Elizabeth.** (2009) A Problem of Adaptation: Algerian Shantytowns During the French Postwar Boom. *The Annual Conference of the Society for French Historical Studies*. St. Louis, MO.
- Zhang, Dewen.** (2009) Sino-Japanese Crisis, Women Journalists and the Rise of Women's Political Resistance Culture in Shanghai, 1931-1937. *The Barnes Club Annual Conference*. Temple University, Philadelphia, PA.
- Zhang, Dewen.** (2009) Mother of China's Future Citizens: Wu Jufang and Guangdong Children's Homes and Schools, 1937-1945. *The 18<sup>th</sup> Annual Graduate Student Conference on East Asia*. Columbia University, New York, NY.
- Zhang, Dewen.** (2008) Mobilizing Women for the War: CCP Propaganda, Peasant Women and the Nation, 1937-1945. *China Undisciplined*. The University of California Los Angeles, Los Angeles, CA.

## History

### ❖ Post-Doctorates Obtained and Professional Appointments

**Martone, Eric.** (2008) Instructor of History. School of Professional Development, *Stony Brook University*, Stony Brook, New York.

### ❖ Translations

**Martone, Eric.** (2009) Blacks in the Work of Balzac. (Gérard Gengembre). Westport, CT: Greenwood Press. (*Encyclopedia of Blacks in European History and Culture* [2009]).

**Martone, Eric,** and Boulle, Pierre. (2009) *Bug-Jargal* (1820). (Gérard Gengembre). Westport, CT: Greenwood Press. (*Encyclopedia of Blacks in European History and Culture* [2009]).

### ❖ Other

**Martone, Eric.** (Feb. 28, 2009) Interviewed on the nationally-syndicated “GW on the Hill” with news correspondent and former Congressional staffer George Wilson to discuss my book, *Encyclopedia of Blacks in European History and Culture*, Channel 169, Sirius XM Radio.



# LINGUISTICS

GRADUATE DIRECTOR: MARIE HUFFMAN  
DEPARTMENT CHAIR: ROBERT HOBERMAN

## ❖ Grants, Fellowships and Awards

- An, Young-ran.** (2008) International Circle of Korean Linguistics Korean Linguistics Student Travel Award, \$50. *Joint Program by Binghamton University and Cornell University*, Binghamton, NY and Ithaca, NY.
- An, Young-ran.** (2008) Israel Wilenitz Graduate Student Travel Award, \$300. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Antonenko, Andrei.** (2009) Israel Wilenitz Graduate Student Travel Award, \$75. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Antonyuk, Svitlana.** (2008) Israel Wilenitz Graduate Student Travel Award, \$100. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Gaffney, Shawn.** (2009) Israel Wilenitz Graduate Student Travel Award, \$75. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Huidobro, Susana.** (2009) Israel Wilenitz Graduate Student Travel Award, \$150. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Hwang, Jiwon.** (2009) Israel Wilenitz Graduate Student Travel Award, \$150. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Kang, Hijo.** (2008) Israel Wilenitz Graduate Student Travel Award, \$120. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Kim, Hyun-ju.** (2009) Israel Wilenitz Graduate Student Travel Award, \$450. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Kim, Miran.** (2009) Israel Wilenitz Graduate Student Travel Award, \$75. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Mykhaylyk, Roksolana.** (2009) Israel Wilenitz Graduate Student Travel Award, \$150. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Mykhaylyk, Roksolana.** (2008) Dissertation Research Grant, \$1,750. *Shevchenko Scientific Society*, New York, NY.
- Schuhmann, Katharina.** (2009) Yumi Nakamura Memorial Prize in Linguistics, \$750. *University of Texas at Arlington*, Arlington, TX.
- Schuhmann, Katharina.** (2009) Travel Grant, \$390. *German-American International Network (GAIN)*, New York, NY.
- Schuhmann, Katharina.** (2008) Israel Wilenitz Graduate Student Travel Award, \$240. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Schuhmann, Katharina.** (2008) Helmut Esau Prize, \$250. *Linguistic Association of the Southwest*, Ewing, NJ.
- Shu, Chih-hsiang.** (2009) Israel Wilenitz Graduate Student Travel Award, \$125. *Linguistics Department*, Stony Brook University, Stony Brook, NY.
- Suh, Yunju.** (2009) Israel Wilenitz Graduate Student Travel Award, \$190. *Linguistics Department*, Stony Brook University, Stony Brook, NY.

- Sun, Jisung.** (2009) Israel Wilenitz Graduate Student Travel Award, \$75. *Linguistics Department, Stony Brook University, Stony Brook, NY.*
- Sun, Jisung.** (2008) Student Travel Grant, \$500. *The 2<sup>nd</sup> European Conference on Korean Linguistics, School of Oriental and African Studies, University of London, UK.*
- Takahashi, Hisako.** (2008) Israel Wilenitz Graduate Student Travel Award, \$65. *Linguistics Department, Stony Brook University, Stony Brook, NY.*

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

- An, Young-ran.** (2009) Identity Avoidance in Korean and Turkish. *MIT Working Papers in Linguistics: The 5<sup>th</sup> Workshop on Altaic in Formal Linguistics* 58: 65-77.
- An, Young-ran.** (2008) Korean *Tul* and English *All*. *MIT Working Papers in Linguistics: The 4<sup>th</sup> Workshop on Altaic in Formal Linguistics* 56. Harvard University, Cambridge, MA.
- An, Young-ran.** (2008) Perception of Loanwords: Phonetics, Frequency and Spelling Norms. *Studies in Phonetics, Phonology and Morphology* 14(3): 411-425.
- An, Young-ran.** (2008) A Case of Non-aspirated Stops in English Loanwords Turning into Aspirated Stops in Korean. *Inquiries into Korean Linguistics III: The Proceedings of International Circle of Korean Linguistics*: 29-42.
- Antonyuk-Yudina, Svitlana.** (in press) Russian Loanword Phonology: A Phonetic Account. *Proceedings of 5<sup>th</sup> Graduate Colloquium on Slavic Linguistics*, Ohio State University.
- Antonyuk-Yudina, Svitlana.** (2009) Long-Distance Scrambling, VP Ellipsis, and Scope Economy in Russian. In L. MacKenzie (Ed.), *UPenn Working Papers in Linguistics* 15.1: Proceedings of PLC 32, 1-9. <http://repository.upenn.edu/pwpl/vol15/iss1/2>.
- Huidobro, S.** (in press) The Nature of Datives: Evidence from Spanish and Galician. *The Proceedings of ConSOLE XVII*. Nova Gorica, Slovenia.
- Kang, Hijo.** (in press) What Role does Morphology Play in Historical Change? *The Proceedings of Japanese/Korean Linguistics* 18. Stanford, CA:CSLI.
- Kang, Hijo.** (2009) Korean Vowel Harmony and Grammatical Change. *The Proceedings of The 18<sup>th</sup> International Congress of Linguistics*. Seoul, Korea.
- Kim, Hyun-ju.** (2009) Accent-Epenthesis Interaction in Kyungsang Korean Loanwords: Phonetics or Phonology? *Proceedings of the 39<sup>th</sup> Meeting of the North East Linguistic Society*. Cambridge, MA: GLSA/University of Massachusetts, Amherst.
- Kim, Hyun-ju.** (2009) The Phonology and Phonetics of Unaccentable Vowels in Kyungsang Korean. *The Proceeding of Japanese/Korean Linguistics* 18. Stanford, CA:CSLI.
- Mykhaylyk, Roksolana.** (in press) Developmental Stages in the Flexible Word Order Acquisition. *Proceedings of Generative Approaches to Language Acquisition*. North America 3, Cascadilla Press.
- Mykhaylyk, Roksolana.** (2008) Zasvoyennja ukrajins'koji movy dvomovnymy dit'my (Ukrainian Acquisition by Bilingual Children). *Bulletin of Shevchenko Scientific Society of America* 25(41): 21-24.
- Suh, Yunju.** (in press) Distributional Asymmetries of Cw Combinations in the Dispersion Theory. *Proceedings of the 39<sup>th</sup> meeting of the North East Linguistic Society*. Cambridge, MA: GLSA/University of Massachusetts, Amherst.
- Sun, Jisung.** (in press) Types of Double Nominative Constructions in Korean. *Proceedings of The 18<sup>th</sup> International Congress of Linguistics*. Seoul, Korea.

**Sun, Jisung.** (in press) Licensing Double Nominative Constructions in Korean. *Proceedings of the 2<sup>nd</sup> European Conference on Korean Linguistics*. London, UK.

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

**Huidobro, Susana** and J. MacDonald. (in press) The Lack of Spanish Non-Argumental Clitic Doubling. In Claudian Borgonovo, Manuel Español-Echevarria & Philippe Prévost (Eds.), *The Proceedings of the 11<sup>th</sup> Hispanic Linguistics Symposium*. Somerville, MA: Cascadilla Press.

Franco, J. and **Susana Huidobro.** (2008) Ethical Datives, Clitic Doubling and the Theory of *pro*. In Joyce Bruhn de Garavito and Elena Valenzuela (Eds.), *Selected Proceedings of the 10<sup>th</sup> Hispanic Linguistics Symposium*. Somerville, MA: Cascadilla Press.

Zuraw, K. and **Lu, Y.** (2009) Diverse repairs for multiple labial consonants. *Natural Language & Linguistic Theory* 27: 197-224.

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

**An, Young-ran, Hwang, Jiwon, and Suh, Yunju.** (2008) Phonetic Status of Cj Combinations in Korean and Spanish. *The 156<sup>th</sup> Meeting of the Acoustical Society of America*. Doral Golf Resort and Spa, Miami, FL.

**An, Young-ran.** (2008) Identity Avoidance and the OCP. *CIL XVIII: The 18<sup>th</sup> International Congress of Linguists*. Korea University, Seoul, Korea.

**An, Young-ran.** (2008) A Case of Non-aspirated Stops in English Loanwords Turning into Aspirated Stops in Korean. *ICKL16: The 16<sup>th</sup> International Conference on Korean Linguistics*. Cornell University, Ithaca, NY.

**An, Young-ran.** (2008) Identity Avoidance in Korean and Turkish. *WAF5: The 5<sup>th</sup> Workshop on Altaic in Formal Linguistics*. School of Oriental and African Studies, University of London, London, England.

**Antonenko, Andrei.** (2009) The Inflectional Base(s) of the Russian Imperative. *The 83<sup>rd</sup> Annual Meeting of the Linguistic Society of America*. Hilton San Francisco, San Francisco, CA.

**Antonenko, Andrei.** (2009) Russian Subjunctive Puzzles. *PLC33: The 33<sup>rd</sup> Penn Linguistics Colloquium*. University of Pennsylvania, Philadelphia, PA.

**Antonenko, Andrei.** (2009) Subject Obviation and Case. *NWLC 2009: The Northwest Linguistics Conference*. University of British Columbia, Vancouver, BC.

**Antonyuk-Yudina, Svitlana.** (2009) Prosodic Description of Scopally Ambiguous Sentences in Russian. *FASL18: The 18<sup>th</sup> Annual Workshop on Formal Approaches to Slavic Linguistics*. Cornell University, Ithaca, NY

**Antonyuk-Yudina, Svitlana.** (2009) On QR and Scrambling in Russian: A Unification Attempt. *Syntax Supper Series*. CUNY Graduate Center, New York, NY.

**Antonyuk-Yudina, Svitlana.** (2008) On the Prosodic Realization of Doubly Quantified Sentences in Russian. *NYU Linguistics Department Brown Bag*. New York University, New York, NY.

**Gaffney, Shawn.** (2009) Revisiting Early Algonquian Linguistics. *NAAHoLS: The North American Association for the History of the Language Sciences*. Hilton San Francisco, San Francisco, CA.

**Huidobro, Susana.** (2009) Los Dativos en Español Como Caso de Concordancia. *Linguistics and Cognitive Science (LyCC) Research Group Colloquium Series*. Fundación José Ortega y Gasset, Madrid, Spain.

## Linguistics

- Huidobro, Susana.** (2009) Dative as a 'Concordial Case': Evidence from Spanish and Galician. *CGG19: The XIX<sup>th</sup> Colloquium on Generative Grammar*. University of the Basque Country, Vitoria-Gasteiz, Spain.
- Huidobro, Susana.** (2009) The Nature of Datives: Evidence from Spanish and Galician. *ConSOLE XVII*. Nova Gorica, Slovenia.
- Hwang, Jiwon** and Broselow, E. (2009) Conflicting repairs in native and foreign vocabulary. *The 83<sup>rd</sup> Annual Meeting of the Linguistic Society of America*. Hilton San Francisco, San Francisco, CA.
- Hwang, Jiwon**, Broselow, E., and Squires, N. (2008) Cross-language Cue Interpretation: The Adaptation of English Liquids by Korean Speakers. *Galana3: Generative Approaches to Language Acquisition-North America 3*. University of Connecticut, Storrs, CT.
- Kang, Hijo.** (2008) Korean Vowel Harmony and Grammatical Change. *CIL XVII: The 18<sup>th</sup> International Congress of Linguistics*. Korea University, Seoul, Korea.
- Kang, Hijo.** (2008) An Exception in Two Ways: Korean Vowel Harmony in Irregular Stems. *JK18: The 18<sup>th</sup> Japanese/Korean Linguistics Conference*. CUNY Graduate Center, New York, NY.
- Kim, Hyun-ju.** (2009) Phonology, Phonetics, and Learnability of Accent-Epenthesis Interaction in Kyungsang Korean. *The 83<sup>rd</sup> Annual Meeting of the Linguistic Society of America*. Hilton San Francisco, San Francisco, CA.
- Kim, Hyun-ju.** (2008) The Phonology and Phonetics of Unaccentable Vowels in Kyungsang Korean. *JK18: The 18<sup>th</sup> Japanese/Korean Linguistics Conference*. CUNY Graduate Center, New York, NY.
- Kim, Hyun-ju.** (2008) Accent-Epenthesis Interaction in Kyungsang Korean Loanwords: Phonetics or Phonology? *NELS39: The 39<sup>th</sup> Annual Meeting of the North East Linguistic Society*. Cornell University, Ithaca, NY.
- Kim, Miran**, and Nam, H. (2009) Pitch Accommodation in Synchronous Speech. *The 157<sup>th</sup> Meeting of the Acoustical Society of America*. Hilton Portland and Executive Tower, Portland, OR.
- Kim, Miran.** (2009) Prominence Perception: Conflicting Cues and Linguistically Encoded Bias. *The 2<sup>nd</sup> ASA Special Workshop on Speech: Cross-Language Perception and Variations in Linguistic Experience*. Hilton Portland and Executive Tower, Portland, OR.
- Kim, Miran** and Nam, H. (2009) A Comparative Study of Stress Manifestation in Latin American Spanish. *Phonetics and Phonology in Iberia*. Universidad de Las Palmas de Gran Canaria, Las Palmas, Spain.
- LaTerza, C. and **Mitrović, I.** (2009) Singular and Plural Reciprocal Phrases in Serbo-Croatian. *FASL18: The 18<sup>th</sup> Annual Workshop on Formal Approaches to Slavic Linguistics*. Cornell University, Ithaca, NY.
- Lindsay, Mark.** (2009) American English *iz*-Infixation: Interaction of Phonology, Metrics, and Rhyme. *NWLC 2009: The Northwest Linguistics Conference*. University of British Columbia, Vancouver, BC.
- Lu, Yu-an.** (2009) Quantifier Stranding and Reflexive Stranding in Mayrinax Atayal. *NWLC 2009: The Northwest Linguistics Conference*. University of British Columbia, Vancouver, BC.
- Lu, Yu-an.** (2008) *UM* Infixation and Paradigmatic Gaps in Thao. *NELS39: The 39<sup>th</sup> Annual Meeting of the North East Linguistic Society*. Cornell University, Ithaca, NY.
- Lu, Yu-an.** (2008) Adaptation of English Interdental Fricatives by Speakers of Taiwan Mandarin. *CIL XVIII: The 18<sup>th</sup> International Congress of Linguists*. Korea University, Seoul, Korea.
- Mitrović, Ivana.** (2008) Resumptive Pronouns in Serbo-Croatian Relatives. *The 10<sup>th</sup> Annual CUNY/SUNY/NYU/YU Mini-Conference on Linguistics*. CUNY Graduate Center, New York, NY.

- Mykhaylyk, Roksolana.** (2009) Semantics of the Scrambled Direct Object in Ukrainian. *GLOW32: Generative Linguistics in the Old World: The Acquisition Workshop*. University of Nantes, Nantes, France.
- Mykhaylyk, Roksolana.** (2009) The Role of Semantic Features in Scrambling. *GASLA10: Generative Approaches to Second Language Acquisition 10*. University of Illinois at Urbana-Champaign, Urbana, IL.
- Mykhaylyk, Roksolana.** (2009) Scrambling-Telicity-Specificity: An Experimental Study. *The 83<sup>rd</sup> Annual Meeting of the Linguistic Society of America*. Hilton San Francisco, San Francisco, CA.
- Mykhaylyk, Roksolana.** (2008) Developmental Stages in the Flexible Word Order Acquisition. *Galana3: Generative Approaches to Language Acquisition-North America 3*. University of Connecticut, Storrs, CT.
- Schuhmann, Katharina.** (2009) Gradient Wellformedness In German I-Truncations. *University of Texas at Arlington Student Conference in Linguistics and TESOL (UTASCILT) 16*. University of Texas at Arlington, Arlington, TX.
- Schuhmann, Katharina.** (2008) Inherent Knowledge about Markedness. *MLS38: The 38<sup>th</sup> Meeting of the Michigan Linguistics Society*. Wayne State University, Detroit, MI.
- Schuhmann, Katharina.** (2008) Gradient Wellformedness in German I-Truncations. *The 10<sup>th</sup> Annual CUNY/SUNY/NYU/YU Mini-Conference on Linguistics*. CUNY Graduate Center, New York, NY.
- Schuhmann, Katharina.** (2008) The Emergence of Scalar Markedness. *LASSO XXXVII: The 37<sup>th</sup> Annual Meeting of the Linguistics Association of the Southwest*. Oregon State University, Corvallis, OR.
- Schuhmann, Katharina.** (2008) Degrees of (Un)Grammaticality at the Level of Syllable Contact. *TABU Dag XXIX*. Rijksuniversiteit Groningen, Groningen, The Netherlands.
- Shu, Chih-hsiang.** (2009) Sentential Adverbs as Focusing Adverbs. *The 7<sup>th</sup> GLOW in Asia Conference*. The English and Foreign Languages University, Hyderabad, India.
- Shu, Chih-hsiang.** (2008) The Syntax of Sentential Adverbs and Information Structure. *The 10<sup>th</sup> Annual CUNY/SUNY/NYU/YU Mini-Conference on Linguistics*. CUNY Graduate Center, New York, NY.
- Suh, Yunju.** (2009) Place asymmetries in Cw Combinations. *The 83<sup>rd</sup> Annual Meeting of the Linguistic Society of America*. Hilton San Francisco, San Francisco, CA.
- Suh, Yunju.** (2008) Effects of Secondary Labialization on Stop Bursts. *The 156<sup>th</sup> Meeting of the Acoustical Society of America*. Doral Golf Resort and Spa, Miami, FL.
- Suh, Yunju.** (2008) Distributional asymmetries of Cw combinations in the Dispersion Theory. *NELS39: The 39<sup>th</sup> Annual Meeting of the North East Linguistic Society*. Cornell University, Ithaca, NY.
- Sun, Jisung.** (2008) Types of Double Nominative Constructions in Korean. *CIL XVII: The 18<sup>th</sup> International Congress of Linguistics*. Korea University, Seoul, Korea.
- Sun, Jisung.** (2008) Licensing Double Nominative Constructions in Korean. *The 2<sup>nd</sup> European Conference on Korean Linguistics*. School of Oriental and African Studies, University of London, UK.
- Takahashi, Hisako.** (2008) On Japanese Postposition *-made/-madeni/-madede* and the Structure of PP. *The 10<sup>th</sup> Annual CUNY/SUNY/NYU/YU Mini-Conference on Linguistics*. CUNY Graduate Center, New York, NY.

# MARINE AND ATMOSPHERIC SCIENCES

GRADUATE DIRECTOR: ANNE MCELROY

## ❖ Grants, Fellowships and Awards

- Benavides, Martin.** (2008) Turner Fellowship, \$10,000. *Center for Inclusive Education*, Stony Brook, NY.
- Benavides, Martin.** (2009) AGEF Conference Travel Award, \$1,200. *Center for Inclusive Education*, Stony Brook, NY.
- Benavides, Martin.** (2009) Tinker Foundation Field Research Grant, \$1,555. *Latin American and Caribbean Studies Center*, Stony Brook, NY.
- Carroll, John M.** (2008) Gordon Gunter Presentation Award, 1 year free membership. *National Shellfish Association*, East Quogue, NY.
- McNamara, Marianne.** (2008-2009) J.R. Schubel Science and Policy Fellowship, \$4,000 each year. *Marine Sciences Research Center*, Stony Brook University, NY.
- McNamara, Marianne.** (2008) Sigma Xi Travel Award, \$150. *Sigma Xi*, Stony Brook University, Stony Brook, NY.
- McNamara, Marianne.** (2009) AAAS/Science Program for Excellence in Science, awards deserving graduate students working in life sciences with a one-year sponsored membership in AAAS. *American Association for the Advancement of Science*, Washington, D.C.
- O'Connell, Christine.** (2008-2009) J.R. Schubel Science and Policy Fellowship, \$4,000 each year. *Marine Sciences Research Center*, Stony Brook University, NY.
- Perrigault, Mickael.** (2009) Melbourne R. Carriker Student Research Grant, \$1,250. *National Shellfisheries Association*, East Quogue, NY.
- Perrigault, Mickael.** (2009) Student travel award, \$225. *National Shellfisheries Association*, East Quogue, NY.
- Protopopescu, Nuria.** (2008) Lilly Reintegration Award for Achievement, \$2,500. *Eli Lilly and Company*, Indianapolis, IN.

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Smith, C.F., Tettelbach, S.T., Peterson, B.J., **Carroll, John M.** (2008) Effects of habitat on survival of free-planted bay scallops. *Final Report prepared for the USEPA/NHEERL*. Narragansett, RI.
- Carroll, John M.**, Gobler, C.J., and Peterson, B.J. (2008) Resource-restricted growth of eelgrass in New York estuaries: light limitation and alleviation of nutrient stress by hard clams. *Marine Ecology Progress Series 369*: 51-62.
- Carroll, John M.**, Peterson, B.J., Smith, C., Bonal, D., Weinstock, A., Tettelbach, S.T. (2008) A bay scallop's brave new world: Can the introduced *Codium fragile* act as an eelgrass surrogate? *Journal of Shellfish Research 27*(4): 995.
- Dahl, Soren F.**, Perrigault, Mickael, and Allam, B. (2008) Laboratory transmission studies of QPX disease in the hard clam : Interactions between different host strains and pathogen isolates. *Aquaculture 280*: 64-70.

Conover, D., **Duffy, Tara**, and Hice, Lyndie. (in press) The covariance between genetic and environmental influences across ecological gradients: reassessing the evolutionary significance of countergradient and cogradient variation. *Year In Evolutionary Biology*.

**Duffy, Tara**, Conover, D., and McElroy, A. (in press) Variable susceptibility and response to estrogenic chemicals in *Menidia menidia*. *Marine Ecology Progress Series*.

McIntosh, D. H., Guo, Y., **Hertzberg, Jennifer**, Katz, N., Mo, H. J., van den Bosch, F. C., Yang, X. (2008) Ongoing Assembly of Massive Galaxies by Major Merging in Large Groups and Clusters from the SDSS. *Monthly Notices of the Royal Astronomical Journal* 388: 1537 – 1556.

Conover, D., Duffy, Tara, and **Hice, Lyndie**. (in press) The covariance between genetic and environmental influences across ecological gradients: reassessing the evolutionary significance of countergradient and cogradient variation. *Year In Evolutionary Biology*.

Swanson, R.L. and **O’Connell, Christine**. (2008) Designer bottled water: It’s not altruism. *Three Village Times Herald, September 4, 2008*. p. A18.

Dahl, Soren F., **Perrigault, Mickael**, and Allam, B. (2008) Laboratory transmission studies of QPX disease in the hard clam : Interactions between different host strains and pathogen isolates. *Aquaculture* 280: 64-70.

**Perrigault, Mickael**, Buggé, D.M., Hao, C.C., and Allam, B. (2009) Variations of hard clam (*Mercenaria mercenaria*) defenses in different tissues against its pathogen QPX *in vitro*. *Journal of Invertebrate Pathology* 100(1): 1-8.

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

**Carroll, John M.**, Tettelbach, S.T., Peterson, B.J. (2009) Can the introduced *Codium fragile* serve as a predation refuge for the native bay scallop, *Argopecten irradians*? *Benthic Ecology Meeting*. Corpus Christi, TX.

Lavelle, K., **Carroll, John M.**, Peterson, B.J. (2009) Can *Codium fragile* provide juvenile bay scallops an above bottom refuge from benthic predation? *Benthic Ecology Meeting*. Corpus Christi, TX.

Peterson, B.J., **Carroll, John M.**, Wall, C.W., Gobler, C.J. (2009) The facilitation of seagrass (*Zostera marina*) growth and productivity by hard clams (*Mercenaria mercenaria*) via light and nutrient stress alleviation. *Benthic Ecology Meeting*. Corpus Christi, TX.

**Carroll, John M.**, Gobler, C.J., Peterson, B.J. (2008) Resource limitation of eelgrass in New York estuaries: Nutrient stress alleviation by hard clams. *Benthic Ecology Meeting*. Providence, RI.

**Carroll, John M.**, Peterson, B.J., Smith, C.F., Bonal, D., Weinstock, A., Tettelbach, S.T. (2008) A bay scallop’s brave new world: Can the introduced *Codium fragile* act as an eelgrass surrogate? *National Shellfish Association Annual Meeting*. Providence, RI.

Perrigault, Mickael, **Dahl, S.F.**, Liu, Q.Q., Collier, J.L., Barnes, D., and Allam, B. (2009) Effects of environmental factors on *mercenaria mercenaria* immunity, QPX survival and host-pathogen interactions. *National Shellfisheries Association, 101th Annual Meeting*. Savannah, GA.

Perrigault, Mickael, **Dahl, S.F.**, Liu, Q.Q., Collier, J.L., and Allam, B. (2008) Effects of environmental parameters on defense factors, QPX disease progression and associated mortalities in the hard clam, *Mercenaria mercenaria*. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 1040).

**Duffy T.**, Picha, M., Won, E., Borski, R., and Conover, D. (2009) Early ontogenetic aromatase expression in two populations of Atlantic silverside (*Menidia menidia*) with different forms of sex determination. *Society for Integrative and Comparative Biology*. Boston, MA.

- Perrigault, Mickael, Dahl, S.F., **Liu, Q.Q.**, Collier, J.L., and Allam, B. (2008) Effects of environmental parameters on defense factors, QPX disease progression and associated mortalities in the hard clam, *Mercenaria mercenaria*. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 1040).
- Perrigault, Mickael, Dahl, S.F., **Liu, Q.Q.**, Collier, J.L., Barnes, D., and Allam, B. (2009) Effects of environmental factors on *mercenaria mercenaria* immunity, QPX survival and host-pathogen interactions. *National Shellfisheries Association, 101th Annual Meeting*. Savannah, GA.
- McNamara, Marianne.** (2008) Shifting ctenophore abundance and the implications for larval bivalve mortality in Long Island, New York, estuaries. *American Society of Limnology and Oceanography (ASLO) Summer Meeting*. St. John's, Newfoundland. *Hard Clam Research Initiative*. Stony Brook, NY.
- McNamara, Marianne.** (2008) Antarctica: Our Experience at the Bottom of the World. *Marine Science Research Center*. Stony Brook University, NY. *Cornell Cooperative Extension*. Southold, NY. *Long Island Divers Association*. East Meadow, NY. *The Dive Shop Dive Club*. Brookfield, CT. *Long Island Reef Association*. Commack, NY.
- McNamara, Marianne.** (2008) An Antarctic Expedition. *W.S. Mount Elementary School (third grade)*. Stony Brook, NY. *Terryville Road Middle School (third grade)*. Terryville, NY. *Charles Campaign Middle School (fourth grade)*. Bethpage, NY.
- McNamara, Marianne.** (2008) Everything You Never Knew About Our Amazing Local Critters. *Long Island Divers Association*. East Meadow, NY. *Broadway Divers*. Rockville Centre, NY. *Ocean Blue Divers*. Manhattan, NY.
- O'Connell, Christine,** and Rose, Paula. (2008) Turn on the Tap. *Northport Public High School Science Symposium*. Northport, N.Y.
- Pales Espinosa, E., **Perrigault, Mickael,** and Allam, B. (2008) Potential implication of mucus covering oyster feeding organs in the recognition and sorting of food particles. *Milford Aquaculture Seminar*. Milford, CT. (published abstract, *Journal of Shellfish Research*, 27(4): 949).
- Perrigault, Mickael,** Buggé, D.M., Chen, C.H., and Allam, B. (2008) Investigations of anti-QPX factors in plasma from susceptible and resistant hard clam stocks. *Milford Aquaculture Seminar*. Milford, CT. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 958-959).
- Pales Espinosa, E., **Perrigault, Mickael,** Holohan, B., Shumway, S., Ward, E., Wikfors, G., and Allam, B. (2008) The sweet relationship between microalgae and *Crassostrea virginica*: implication of carbohydrate/lectin interactions in particle selection in suspension feeding bivalves. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 1006-1007).
- Perrigault, Mickael,** and Allam, B. (2008) Cytotoxicity of three QPX (quahog parasite unknown) isolates on hemocytes from different hard clam (*Mercenaria mercenaria*) stocks. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 1039).
- Perrigault, Mickael,** Tanguy, A., and Allam, B. (2008) Identification and expression of regulated genes in the hard clam, *Mercenaria mercenaria*, in response to quahog parasite unknown (QPX). *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 1039).
- Perrigault, Mickael,** Dahl, S.F., Liu, Q.Q., Collier, J.L., and Allam, B. (2008) Effects of environmental parameters on defense factors, QPX disease progression and associated mortalities in the hard clam, *Mercenaria mercenaria*. *National Shellfisheries Association, 100th Annual Meeting*. Providence, RI. (published abstract, *Journal of Shellfish Research*, 27(4): 1040).



- Pales Espinosa, E., **Perrigault, Mickael**, Shumway, S., Ward, E., and Allam, B. (2008) The sweet relationship between microalgae and *Crassostrea virginica*: implication of carbohydrate and lectin interactions in particle selection in suspension feeding bivalves. *Physiomar*. Brest, France.
- Allam, B., **Perrigault, Mickael**, and Tanguy, A. (2008) Development of functional genomics tools for the selection of QPX-resistant hard clam stocks. *Physiomar*. Brest, France.
- Perrigault, Mickael**, Dahl, S.F., Liu, Q.Q., Collier, J.L., Barnes, D., and Allam, B. (2009) Effects of environmental factors on *mercenaria mercenaria* immunity, QPX survival and host-pathogen interactions. *National Shellfisheries Association, 101th Annual Meeting*. Savannah, GA.
- Pales Espinosa, E., **Perrigault, Mickael**, Ward, E., Shumway, S., and Allam, B. (2009) Microalgae cell surface carbohydrates as recognition sites for particle sorting in suspension feeding bivalves. *National Shellfisheries Association, 101th Annual Meeting*. Savannah, GA.
- Allam, B., **Perrigault, Mickael**, and Tanguy, A. (2009) Development of functional genomics tools for the investigation of hard clam-QPX interactions. *National Shellfisheries Association, 101th Annual Meeting*. Savannah, GA.
- O'Connell, Christine, and **Rose, Paula**. (2008) Turn on the Tap. *Northport Public High School Science Symposium*. Northport, N.Y.
- Salinas, Santiago** and Munch, S.B. (2008) Assessing local adaptation in lifespan through the metabolic theory of ecology. *Evolution 2008*. Minneapolis, MN.
- Salinas, Santiago** and Munch, S.B. (2008) Developing a novel Bayesian model for calculating entrainment mortality. *SCERP Environmental Symposium*. Southampton, NY.
- Talmage, Stephanie**. (2009) Ocean acidification causes significant declines in the survival of larval shellfish. *ASLO Aquatic Sciences Meeting*. Nice, France.

❖ **Internship Appointments**

- McNamara, Marianne**. (2008) Marine Biologist. *Long Island Divers Association*, Nesconset, NY.

# MATERIALS SCIENCE

GRADUATE DIRECTOR: DILIP GERSAPPE

DEPARTMENT CHAIR: MIKE DUDLEY

## ❖ Grants, Fellowships and Awards

**Bejarano, Miryan Lorena.** (2009-2010) Student Board Member. *ASM Thermal Spray Society*, Materials Park, OH.

**Bejarano, Miryan Lorena.** (2008) Scholarship Award, \$2,000. *International Thermal Spray Association (ITSA)*, Fairport, OH.

**Colmenares-Angulo, Jose.** (2008) Research Grant, €1,600. *Deutscher Akademischer Austausch Dienst*, Jülich, Germany.

**Sendogdular, Levent.** (2008) Visiting Student, Global Center Of Excellence (G-COE), \$2,000. *Institute for Materials Chemistry and Engineering*, Kyushu University, Japan.

**Wen, Jinsheng.** (2008) American Crystal Growth Association Award. *American Crystal Growth Association*, Warren, NJ.

## ❖ Jointly Authored Publications/Research Reports/Reviews

Meng, Yizhi, Qin, Yi-xian., DiMasi, Elaine, **Ba, Xiaolan**, Rafailovich, Miriam, Pernodet, Nadine. (2009) Biom mineralization of a Self-Assembled Extracellular Matrix for Bone Tissue Engineering. *Tissue Engineering* 15(2): 355-366.

**Colmenares-Angulo, J.**, Cannillo, V., Lusvarghi, L., Sola, A., Sampath, S. (in press) Role of process type and process conditions on phase content and physical properties of thermal sprayed TiO<sub>2</sub> coatings. *Journal of Materials Science*.

Cannillo, V., **Colmenares-Angulo, J.**, Lusvarghi, L., Pierli, F., Sampath, S. (in press) In vitro characterisation of plasma-sprayed apatite/wollastonite glass-ceramic biocoatings on titanium alloys. *Journal of the European Ceramic Society*.

Qu, M., **Colmenares, J.**, Valarezo, A., Gouldstone A. (in press) Nanoporous surfaces via impact of molten metallic droplets. *Applied Physics A*.

Yajie Liu, Toshio Nakamura, **Dwivedi, Gopal**, Alfredo Valarezo, and Sanjay Sampath. (2008) Anelastic Behavior of Plasma-Sprayed Zirconia Coatings. *J. Am. Ceram. Soc.* 91(12): 4036-4043.

**Gin, Peter**, Asada, M., Endoh M.K., Gedelian, C., Lu, T.M., Koga, T. (2009) Introduction of Molecular Scale Porosity into Semicrystalline Polymer Thin Films using Supercritical Carbon Dioxide. *Applied Physics Letters* 94: 121908.

Tyson, T.A., Chen, Z., **Jie, Q.**, Li, Q., Tu, J.J., (2009) Local structure of thermoelectric Ca<sub>3</sub>Co<sub>4</sub>O<sub>9</sub>. *Physical Review B* 79(2): 024109.

Tranquada, J.M., Gu, G.D., Huecker, M., **Jie, Q.**, Kang, H.J., Klingeler, R., Li, Q., Tristan, N., Wen, J.S., Xu, G.Y., Xu, Z.J., Zhou, J., Zimmermann, M. (2008) Evidence for unusual superconducting correlations coexisting with stripe order in La<sub>1.875</sub>Ba<sub>0.125</sub>CuO<sub>4</sub>. *Physical Review B* 78(17): 174529.

Lowhorn, N.D., Wong-Ng, W., Zhang, W., Lu, Z.Q., Otani, M., Thomas, E., Green, M., Tran, T.N., Dilley, N., Ghamaty, S., Elsner, N., Hogan, T., Downey, A.D., **Jie, Q.**, Li, Q., Obara, H., Sharp, J., Caylor, C., Venkatasubramanian, R., Willigan, R., Yang, J., Martin, J., Nolas, G., Edwards, B., Tritt, T. (2009) *Applied Physics A - Materials Science & Processing* 94(2): 231-234.

- Kerkar, P.**, Jones K.W., Kleinberg, R.L., Lindquist, W.B., Tomov, S., Feng, H., Mahajan, D. (in press) Direct observations of three dimensional growth of hydrates hosted in porous media. *Applied Physics Letters*.
- Zheng, L., Zhang, H., Zhang, M., **Kerkar P.**, Mahajan, D. (in press) Modeling Methane Hydrate Formation in Marine Sediments. *AAPG Bulletin*.
- Liu, Y.**, Ji Y., Ghosh K., Clark, R., Huang L., Rafailovich M. (in press) Effect of fiber orientation and diameter on the behavior of human dermal fibroblasts on electrospun PMMA scaffolds. *Journal of Biomedical Materials Research Part A*.
- Pack, S.**, Koo, J. Si, M. Koga, T. Kashiwagi, T. Sokolov, J.C. Rafailovich, M.H. (2009) Mode-of-Action of Self-extinguishing Polymer Blends Containing Organoclays. *Polymer Degradation and Stability* 93(3): 306-326.
- Kashiwagi, T., Mub, M., Winey, K., Cipriano, B., Raghavan, S.R., **Pack, S.**, Rafailovich, M., Yang, Y., Grulke, E., Shields, J., Harris, R., Douglas, J. (2008) Relation between the viscoelastic and flammability properties of polymer nanocomposite. *Polymer* 49: 4358-4368.
- Koo, J., **Park, S.**, Satija, S., Tikhonov, A., Sokolov, J.C., Rafailovich, M.R., Koga, T. (2008) Characterization of Langmuir-Blodgett organoclay films using X-ray Reflectivity and atomic force microscopy. *Journal of Colloid and Interface Science* 318( 1): 103-109.
- Koo, J., Shin, K., Seo, Y., Koga, T., **Park, S.**, Satija, S., Chen, X., Yoon, K., Hsiao, B.S., Sokolov, J.C., Rafailovich, M. R. (2007) Stabilizing Thin Film Polymer Bilayers against Dewetting Using Mutiwallled Carbon Nanotubes. *Macromolecules* 40: 9510-9516.
- Pan, Zhi**, Ghosh, K., Liu, Y.J., Clark, R.A.F., and Rafailovich, M. (2009) Traction stresses and translational distortion of the nucleus during fibroblast migration on a physiologically relevant ECM mimic. *Biophysical Journal* 96: 4286-4298.
- Pan, Zhi**, Lee, W., Slutsky, L., Clark, R.A.F., Pernodet, N., and Rafailovich, M. (2009) Adverse effects of titanium dioxide nanoparticles on human dermal fibroblasts and how to protect cells. *Small* 5: 511-20.
- Wise, W. D., Chatterjee, K. Boyer, M. C, Kondo, T., Takeuchi, T., Ikuta, H , Xu, Zhijun, **Wen, Jinsheng** G. D. Gu, Y. Wang, et al. (2008) Imaging nanoscale Fermi-surface variations in an inhomogeneous superconductor. *Nature Phys.* 10.1038/NPHYS1197.
- Wen, Jinsheng**, Xu, Zhijun, Xu, Guangyong , Tranquada, J. M. , Gu, Genda, Chang, S. and Kang, H. J (2008) Magnetic field induced enhancement of spin-order peak intensity in  $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ . *Phys. Rev. B* 78: 212506.
- J. M. Tranquada, G. D. Gu, M. H'ucker, Q. Jie, H.-J. Kang, R. Klingeler, Q. Li, N. Tristan, **J. S.Wen**, G. Y. Xu, J. Zhou and M. v. Zimmermann. (2008) Evidence for unusual superconducting correlations coexisting with stripe order in  $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ . *Phys. Rev. B* 78: 174529.
- Wen, Jinsheng**, Xu, Guangyong , Stock, C., Gehring, P. M., Zhong, Z., Boatner, L. A., Venturini, E. L. and Samara, G. A. (2008) Effect of local dipole moments on the structure and lattice dynamics of  $\text{K}(\text{0.98})\text{Li}(\text{0.02})\text{TaO}_3$ . *Phys. Rev. B* 78: 144202 .
- Wen, Jinsheng**, Xu, Guangyong , Stock, C. and Gehring, P. M. (2008) Response of polar nanoregions in  $68\% \text{Pb}[\text{Mg}(1/3)\text{Nb}(2/3)]\text{O}_3$ - $32\% \text{PbTiO}_3$  to a [001] electric field. *Appl. Phys. Lett.* 93: 082901.
- Zhang, W., Liu, G. , Meng, J. , Zhao, L, Liu, H., Dong, X. , Lu, W., **Wen, J. S.**, Xu, Z. J., Gu, G. D. et al. (2008) High energy dispersion relations for the high temperature  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$  superconductor from laser-based angle-resolved photoemission spectroscopy. *Phys. Rev. Lett.* 101: 017002.

- Xu, Guangyong , **Wen, Jinsheng**, Stock, C. and Gehring, P. M. (2008) Phase instability induced by polar nanoregions in a relaxor ferroelectric system. *Nature Mater* 7: 562.
- Pasupathy, A. N., Pushp, A., Gomes, K. K., Parker, C. V, **Wen, Jinsheng**, Xu, Zhijun , Gu, Genda, Ono, S., Ando, Y. and Yazdani, A. (2008) Electronic Origin of the Inhomogeneous Pairing Interaction in the High-Tc Superconductor Bi(2)Sr(2)CaCu(2)O(8). *Science* 320: 196.
- Zhang, W., Liu, G, Zhao, L, Liu, H., Meng, J., Dong, X., Lu, W., **Wen, J. S.**, Xu, Z. J., Gu, G. D. et al. (2008) Identification of a New Form of Electron Coupling in the Bi(2)Sr(2)CaCu(2)O(8) Superconductor by Laser-Based Angle-Resolved Photoemission Spectroscopy. *Phys. Rev. Lett.* 100: 107002.

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

- Ba, Xiaolan**, Meng, Yizhi, Pernodet, Nadine, Wirick, Sue, Jacobson, Chris, Füredi-Milhofer, Helga, Qin, Yi-xian, Rafailovich, Miriam, DiMasi, Elaine. (2009) Investigation on the early stages of biomineralization using synchrotron X-ray scattering and microscopy. *National Synchrotron Light Source seminar*. Brookhaven National Laboratory, Upton, NY.
- Ba, Xiaolan**, Meng, Yizhi, Pernodet, Nadine, Wirick, Sue, Jacobson, Chris, Füredi-Milhofer, Helga, Qin, Yi-xian, Rafailovich, Miriam, DiMasi, Elaine. (2009) Hydroxyapatite growth induced by self-assembled noncollageneous extracellular protein: a study on biomineralization in vitro. *American Physical Society*. Pittsburgh, PA.
- Ba, Xiaolan**, Meng, Yizhi, Pernodet, Nadine, Wirick, Sue, Jacobson, Chris, Füredi-Milhofer, Helga, Qin, Yi-xian, Rafailovich, Miriam, DiMasi, Elaine. (2008) Comparative effects of self-assembled noncollageneous extracellular matrix protein on biomineralization in vitro. *Materials Research Society Symposium Proceedings*. Boston, MA.
- Colmenares-Angulo, Jose**. (2008) Process Maps for Plasma Sprayed Ceramics, Associated Diagnostic Techniques and Implications on Coating Properties. *Invited Talk*. Czech Institute of Plasma Physics, Prague, Czech Republic.
- Dwivedi, Gopal**, Valarezo A., Sampath S., Nakamura T., Colmenares-Angulo J. (2009) Repeatability of Stress Strain Behavior of Plasma Sprayed Coatings. *33<sup>rd</sup> International Conference and Exposition on Advance Ceramics and Composites*. Daytona Beach, FL.
- Dwivedi, Gopal**, Valarezo A., Colmenares-Angulo J., Sampath S., Nakamura T. (2009) Reproducibility Assessment of Plasma Spraying through Elastic Behavior Analysis of YSZ Coatings. *International Thermal Spray Conference (ITSC)*. Las Vegas, NV.
- Gin, Peter**. (2008) Novel Green Technique for Enhancing Low Dielectric Properties of Polymer Thin Films using Supercritical Carbon Dioxide. *MRS Fall Meeting, BB*. Boston, MA.
- Asada M., **Gin, Peter**, Endoh M.K., Koga T. (2008), Surface Segregation of nanoparticles in Polymer Nanocomposite Thin Films Induced by Supercritical Carbon Dioxide. *MRS Fall Meeting*. Boston, MA.
- Yamaguchi H., Honda K., Kobayashi M., Morita M., **Gin, Peter**, Koga T., Bennett S., Satija S. K., Takahara A. (2009) The Use of Supercritical Carbon Dioxide to Control Molecular Aggregation States of Poly(perfluoroalkyl Acrylate) Brush Films. *Teijin 21st Century Forum*. Fuji, Japan.
- Jie, Qing** (2008) Thermoelectric Properties at the Metal-Insulator Transition in FeSb<sub>2</sub>. *Materials Science & Technology 2008 Conference, Environmental & Energy Issues: Thermoelectric Materials: Science, Technology and Applications*. Pittsburgh, PA.
- Kerker P.**, Horvat K., Jones K., Mahajan D. (2008) Understanding Laboratory-scale Methane Hydrate Dissociation in Porous Media: A Model for Marine Hydrate Occurrences. *AGU Fall Meeting*. San Francisco, CA.

- Kerkar P.**, Horvat K., Jones K., Mahajan D. (2008) Methane Hydrate Synthesis in the Laboratory: Kinetics of Confined Cores under Sea-floor Mimic Conditions. *2008 Advanced Energy Conference "Solutions to a Global Crisis."* Hauppauge, NY.
- Jones, K.W., **Kerkar, P.**, Mahajan, D. (2008) Structure of Tetrahydrofuran Hydrates in Porous Media. *2008 Advanced Energy Conference "Solutions to a Global Crisis."* Hauppauge, NY.
- Eaton, M., **Kerkar, P.**, Mahajan, D., Jones, K., Kleinberg, R. (2008) Methane Hydrate Formation in the Laboratory using Fine Depleted Natural Sediments as Hosts. *236<sup>th</sup> ACS National Meeting & Exposition.* Philadelphia, PA.
- Mahajan, D., **Kerkar, P.**, Jones, K., Kleinberg, R., Lindquist, W., Tomov, S., Feng, H. (2008) Natural Gas Hydrate Mimics: Understanding Hydrate Growth Phenomenon in Host Systems. *International Geological Congress.* Oslo, Norway.
- Jones, K.W., Mahajan, D., Lindquist, W.B., **Kerkar, P.**, Celia, M.A., Peters, C.A, Um, W., Rockhold, M., Feng, H. (2008) Application of Synchrotron Computed Microtomography and Micro X-ray Fluorescence to Energy/Environmental Problems. *International Symposium Breaking Frontiers: Submicron Structures in Physics and Biology.* Zakopane, Poland.
- Liu, Y.**, Ji, Y., Ghosh, K., Clark, R., Huang, L., Rafailovich, M. (2008) Effect of fiber orientation and diameter on the behavior of human dermal fibroblasts on electrospun PMMA scaffolds. *8<sup>th</sup> World Biomaterials Congress.* Amsterdam, The Netherlands.
- Liu, Y.**, Rafailovich, M, Malal, R., Cohn, D., Chidambaram, D. (2008) Bioactive polymer fibers for environmental remediation. *American Chemical Society Spring Meeting.* New Orleans, LA.
- Liu, Y.**, Chen, S., Li, C., DiMasi, E., Marom, G., Rafailovich, M. (2009) Electrospinning of semicrystalline polymer fibers. *American Physical Society March Meeting.* Pittsburgh, PA.
- Mari, Eduardo,** Tan, Y., Colmenares, J., Sampath, S. (2009) Embedded heat flux Sensors with direct write thermal spray. *International Thermal Spray Conference (ITSC).* Las Vegas, NV.
- Mari, Eduardo,** Liang, S., Sampath, S. (2009) Percolation study in thermally sprayed Al<sub>2</sub>O<sub>3</sub>-Ni reinforced composites. *International Thermal Spray Conference (ITSC).* Las Vegas, NV.
- Tan, Y., **Mari, Eduardo,** Weyant, C., Sampath, S. (2009) Thermal barrier coating sintering behavior as a function of processing condition. *International Thermal Spray Conference (ITSC).* Las Vegas, NV.
- Choi, B., Valarezo, A., **Mari, Eduardo,** Sampath, S., Mantovani, M., Torcia, A. (2009) Probing indentation-induced inelastic deformation behavior of functionally graded WC-Co/SS coating via HVOF process. *International Thermal Spray Conference (ITSC).* Las Vegas, NV.
- Valarezo, A., **Mari, Eduardo,** Sampath, S. (2008) Understanding coating formation in real time via monitoring of residual stress development. *International Thermal Spray Conference (ITSC).* Maastricht, The Netherlands.
- Mironava, Tatsiana,** Pernodet, Nadine, Rafailovich, Miriam. (2009) Gold Nanoparticles effect on Human Dermal Fibroblast. *American Physical Society.* Pittsburgh, PA.
- Ortiz, Joseph,** Jaber, Eihab, Gersappe, Dilip. (2009) Interfacial Slip in Polymer Blends with Nanoparticles. *2009 APS March Meeting.* Pittsburgh, PA.
- Pack, Seongchan.** (2009) Influence on Thermal diffusivity through a Transformation of Nanotube-like Clay Platelets in Polymer Blends. *American Physical Society Spring Meeting.* Pittsburgh, PA.
- Pack, Seongchan.** (2009) A new class of bio-heat resisted polymer blend. *American Physical Society Spring Meeting.* Pittsburgh, PA.
- Pack, Seongchan.** (2008) A New Class of Biodegradable Flame retardant Nanocomposites. *Materials Research Society Fall Meeting.* Boston, MA.

## Materials Science

- Pack, Seongchan.** (2008) Effect of Transformation to Nanotube-like Clays from Organoclays on Self-extinguishing Polymer Blends. *Materials Research Society Fall Meeting*. Boston, MA.
- Pack, Seongchan.** (2008) The role of nanoparticles in obtaining self extinguishing blends of thermoplastic elastomers. *The 11th International Thermoplastic Elastomers Conference (TPE)*. Prague, Czech Republic.
- Pack, Seongchan.** (2008) Nanotube/Clay Synergy to Obtain Self-Extinguishing Polymer Blends. *BCC Research 19<sup>th</sup> Annual Conference*. Stanford, CT. *American Chemistry Society Spring Meeting*. New Orleans, LA.
- Pan, Zhi,** Liu, Y.J., Ghosh, K., Nandamudi, D., Stemp, D., Nakamura, T., Clark, R.A.F., and Rafailovich, M. (2009) Imaging spatiotemporal redistribution of cellular traction stresses during fibroblast migration on a physiologically relevant ECM mimic. *American Physical Society (APS) March Meeting*. Pittsburgh, PA.
- Pan, Zhi,** Lee, W., Slutsky, L., Clark, R.A.F., Pernodet, N., and Rafailovich, M. (2008) Adverse effects of titanium dioxide nanoparticles on human dermal fibroblasts and how to protect cells. *Materials Research Society (MRS) Annual Fall Meeting*. Boston, MA. (poster)
- Young, Christopher,** Clayton, Clive, Longtin, Jon. (2009) Depth Profiling of Polymer Composites by Ultrafast Laser Ablation. *2009 APS March Meeting*. Pittsburgh, PA.

# MATHEMATICS

GRADUATE DIRECTOR: CLAUDE LEBRUN  
DEPARTMENT CHAIR: LEON TAKHTAJAN

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

**Di Cerbo, Luca Fabrizio.** (in press) A gap property for the growth of closed 3-manifold groups. *Geometriae Dedicata*.

**Wright, Evan.** (2009) Monotone preimages of dendrites. *Topology and its Applications* 156(4): 663-668.

**Wright, Evan.** (in press) A characterization of monotonely homogeneous dendrites. *Rocky Mountain Journal of Mathematics*.

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

Baraviera, Alexandre Tavares, **Disconzi, Marcelo Mendes.** (2008) Asymptotic states in coupled map lattices. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering* 18(2): 285-311.

# MECHANICAL ENGINEERING

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

## ❖ Grants, Fellowships and Awards

**McGann, Ryan.** (2008) DARE Entrepreneurship competition, \$20,000. *Long Island Angels and Town of Brookhaven Economic Development Association*, Stony Brook, NY.

## ❖ Jointly Authored Publications/Research Reports/Reviews

Kao, I., **Chung, C.**, and Rodriguez, R. Moreno. (in press) 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, LLC.

**Chung, Chunhui** and Imin Kao, Imin. (2008) Damped Vibration Response at Different Speeds of Wire in Slurry Wiresaw Manufacturing Operations. *Proceedings of the 2008 International Manufacturing Science and Engineering Conference*. Evanston, IL. Paper number: MSEC2008-72253.

**Chung, Chunhui** and Kao, Imin. (2008) Comparison of Free Abrasive Machining Processes in Wafer Manufacturing. *Proceedings of the 2008 International Manufacturing Science and Engineering Conference*. Evanston, IL. Paper number: MSEC2008-72253.

**Guo, Hong** and Huang, Peisen. (2008) 3-D shape measurement by use of a modified Fourier transform method. SPIE Optics + Photonics2008, Two- and Three-Dimensional Methods for Inspection and Metrology VI. *Proceedings of the SPIE 7066: 70660E*. San Diego, CA.

Huang, Peisen and **Guo, Hong**. (2008) Phase-shifting shadow moiré using the Carré algorithm. SPIE Optics + Photonics2008, Two- and Three-Dimensional Methods for Inspection and Metrology VI. *Proceedings of the SPIE 7066: 70660B*. San Diego, CA.

**Guo, Hong** and Huang, Peisen. (in press) Absolute phase technique for the Fourier transform method. *Optical Engineering*.

Kao, Imin, and **Li, Xiaolin**, and **Tsai, Chia-Hung**. (in press) Model-Based and Wavelet-Based Fault Detection and Diagnosis for Biomedical and Manufacturing Applications: Leading Towards Better Quality of Life. *Smart Structures & Systems* 5(2).

**Machtay, N. D.**, and Kukta R. V. (in press) Equilibrium and metastable phase diagrams for island self-organization in selective area epitaxy. *International Journal of Applied Mechanics*.

Kao, I, Chung, C., and **Rodriguez, R. Moreno**. (in press) 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, LLC.

**Tsai, Chia-Hung**, Kao, Imin, Sakamoto, Naoki, Higashimori, Mitsuru, Kaneko, Makoto. (2008) Applying Viscoelastic Contact Modeling to Grasping Task: an experimental case study. *Proceedings of the International Conference on Intelligent Robots and Systems (IROS): 1790-1795*. Nice, France.

**Tsai, Chia-Hung** and Kao, Imin (in press) The Latency Model for Viscoelastic Contact Interface in Robotics: Theory and Experiments. *Proceedings of International Conference on Robotics and Automation (ICRA)*. Kobe, Japan.



- Chiang, Fu-pen, **Uzer, Gunes**. (2008) Measuring Shape and Surface Strain of 3D Objects Using Digital Speckle Photography. *Strain* 44(5): 409-416.
- Chiang, Fu-pen, **Uzer, Gunes**. (2009) Mapping full field deformation of auxetic foams using digital speckle photography. *Physica Status Solidi b* 245(11): 2391-2394 .
- Zhang, Kunbo** and Kao, Imin. (2008) Experimental Studies on Intelligent Fault Detection and Diagnosis Using Sensor Networks on Mechanical Pneumatic Systems. *Smart Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace System 2008. Proceeding of the SPIE 6932: 693247-693247-9*. San Diego, CA.
- Zhang, Z.** and Nejat, G. (in press) Intelligent Sensing Systems for Rescue Robots: Landmark Identification and 3D Mapping of Unknown Cluttered USAR Environments. *Journal of Advanced Robotics*.

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

- Rodriguez, Roosevelt Moreno**, and Kao, Imin. (2008) Intelligent fault detection and diagnosotic (FDD) with application in reducing electrical fire risk. *Campus de Excelencia 08*. Gran Canaria, Spain.
- Rodriguez, Roosevelt Moreno**, Helguero, Carlos, Kao, Imin and Wong, Robert. (2008) Intelligent fault detection and diagnosotic (FDD) with application to improve energy efficiency. *Advanced Energy Conference: "Solutions to a Global Crisis."* Hauppauge, NY.
- Trejos, Lina, **Terao, Junichi**, Zhang, Zhe, and Nejat, Goldie. (2008) The Design of an Intelligent Socially Assistive Robot for Elderly Care. *ASME International Mechanical Engineering Congress and Exposition (IMECE)*. Boston, MA.
- Trejos, Lina**, Terao, Junichi, Zhang, Zhe, and Nejat, Goldie. (2008) The Design of an Intelligent Socially Assistive Robot for Elderly Care. *ASME International Mechanical Engineering Congress and Exposition (IMECE)*. Boston, MA.
- Trejos, Lina, Terao, Junichi, **Zhang, Zhe**, and Nejat, Goldie. (2008) The Design of an Intelligent Socially Assistive Robot for Elderly Care. *ASME International Mechanical Engineering Congress and Exposition (IMECE)*. Boston, MA.
- Zhang, Zhe**, and Nejat, Goldie. (2008) Robot-Assisted Intelligent 3D Mapping of Unknown Cluttered Search and Rescue Environments. *IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*. Nice, France.
- Zhang, Zhe**, and Nejat, Goldie. (2008) Robot-Assisted 3D Mapping of Search and Rescue Environments. *ASME Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE)*. New York, NY.

❖ **Patents**

- McGann, Ryan**. (July 2008) Stapler. 7,395,955.
- McGann, Ryan**. (July 2008) Safety mechanism for stapler. 7/015,8384.
- McGann, Ryan**. (May 2007) Solar-powered refrigerated container. 12/148,126.
- McGann, Ryan**. (April 2008) Carbon fiber composite horse shoe. 61/125,938
- McGann, Ryan**. (April 2008) Faraday marine battery charger/generator. 61/124,301

# MOLECULAR AND CELLULAR BIOLOGY

GRADUATE DIRECTOR: ROLF STERNGLANZ

## ❖ Grants, Fellowships and Awards

**Chang, Janet.** (2008) Best Poster for The Role of MESD in Wnt Signaling and Lipoprotein Metabolism. Mouse Meeting from the Genetics Society of America, *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

**Prazak, Lisa.** (2008) Travel Award, \$250. *Stony Brook University Chapter of Sigma Xi*, Stony Brook, NY.

**Xue, Wen.** (2008-11) Fellowship. *American Association for Cancer Research (AACR)*, Philadelphia, PA.

## ❖ Jointly Authored Publications/Research Reports/Reviews

Aucoin, D., **Camenares, D.**, Smith, S.O. (2009) Penetration of Aromatic Residues into Membrane Bilayers: A New Approach. *Biophysical Journal* 96(3) Supplement 1:453a.

Aucoin, D., **Camenares, D.**, Zhao X., Jung, J., Sato, T., Smith, S.O. (2009) High-resolution 1H MAS RFDR NMR of biological membranes. *Journal of Magnetic Resonance* 197(1): 77-86

**Chakraborty, A.A.**, and Tansey, W.P. (2009) Adenoviral E1A function through Myc. *Cancer Res.* 69: 6-9.

**Chakraborty, A.A.**, and Tansey, W.P. (in press) Inference of cell cycle-dependent proteolysis by laser scanning cytometry. *Exp Cell Res.*

Twojowski, K.A.\*, **Chakraborty, A.A.\***, Samuelson, A.V., Seger, Y.R., Narita, M., Hannon, G.J., Lowe, S.W., Tansey, W.P. (2008) Adenovirus E1A targets p400 to induce the cellular oncoprotein Myc. *Proc Natl Acad Sci* 105: 6103 – 8. (\* Equal Author)

**Cheng, H.T.**, Megha, London, E. (2009) Preparation and properties of asymmetric vesicles that mimic cell membranes: effect upon lipid raft formation and transmembrane helix orientation. *J Biol Chem.* 284(10): 6079-92.

**Guerriero, J.L.**, Ditsworth, D., Fan, Y., Zhao, F., Crawford, H.C., and Zong, W.X. (2008) Chemotherapy induces tumor clearance independent of apoptosis. *Cancer Res.* 68(23): 9595-600.

Singer, A.J., McClain, S.A., Taira, B.R., **Guerriero, J.L.**, and Zong, W.X. (2008) Apoptosis and necrosis in the ischemic zone adjacent to third degree burns. *Acad Emerg Med.* 15(6): 549-54.

Ojima, I., Chen, J., Borella, C.P., Wang, T., Miller, M.L., Lin, S., Geng, X., Kuznetsova, L., Qu, C., Gallagher, D., Sun, L., Zhao, X., Zanardi, I., Xia, S., Horwitz, S.B., Mallen-St.Clair, J., **Guerriero, J.L.**, Bar-Sagi, D., Veith, J.M., Pera, P., and Bernacki, R.J. (2008) Design, synthesis, and biological evaluation of new-generation taxoids. *J Med Chem.* 51(11): 3203-21.

**Kaczocha, M.**, Glaser, S.T., and Deutsch, D.G. (2009) Identification of intracellular carriers for the endocannabinoid anandamide. *Proc Natl Acad Sci* 106(15):6375-80.

**Lo, H-C.**, L. Wan, A. Rosebrock, B. Futcher and N. M. Hollingsworth (2008) Cdc7-Dbf4 regulates *NDT80* transcription as well as reductional segregation during budding yeast meiosis. *Mol. Biol. Cell.* 19: 4956-4967.

**Sunwoo, H.**, Dinger, M.E., Wilusz, J.E., Amaral, P.P., Mattick, J.S., and Spector, D.L. (2009) MEN e/b nuclear retained non-coding RNAs are up-regulated upon muscle differentiation and are essential components of paraspeckles. *Genome Research* 19(3): 347-359.

**Vaseva, A.**, and Moll, U. (in press) The mitochondrial p53 pathway. *Biochim Biophys Acta.*

- Vaseva, A.**, Marchenko, N. and Moll, U. (in press) The transcription-independent mitochondrial p53 program is a major contributor to Nutlin-induced apoptosis in tumor cells. *Cell Cycle* 8(11).
- Palacios, G, Crawford, H., **Vaseva, A.**, Moll U. (2008) Mitochondrially targeted wild-type p53 induces apoptosis in a solid human tumor xenograft model. *Cell Cycle* 7(16): 2584-90.
- Wang, C.-L.**, Landry, J. and Sternglanz, R. (2008) A yeast Sir2 mutant temperature-sensitive for silencing. *Genetics* 180: 1955-1962.
- Xue, W.**, Krasnitz, A., Lucito, R., Sordella, R., VanAelst, L., Cordon-Cardo, C., Singer, S., Kuehnel, F., Wigler, M., Powers, S., Zender, L., and Lowe, S.W. (2008) DLC1 is a chromosome 8p tumor suppressor whose loss promotes hepatocellular carcinoma. *Genes Dev.* 22(11): 1439-44.
- Zender, L., **Xue, W.**, Zuber, J., Semighini, C.P., Krasnitz, A., Ma, B., Zender, P., Kubicka, S., Luk, J.M., Schirmacher, P., McCombie, R.W., Wigler, M., Hicks, J., Hannon, G.J., Powers, S., and Lowe S.W. (2008) An oncogenomics-based in vivo RNAi screen identifies new tumor suppressors in liver cancer. *Cell* 135(5): 852-64.
- Yang, H.J.**, Nakanishi, H., Liu, S., McNew, J.A., Neiman, A.M. (2008) Binding interactions control SNARE specificity in vivo. *The Journal of Cell Biology* 183(6): 1089-100.
- Zhao, H-L.**, Ueki, N., Marcelain, K., Hayman, M.J. (in press) The Ski protein can inhibit ligand induced RARalpha and HDAC3 degradation in the Retinoic acid signaling pathway. *Biochem Biophys Res Commun.*

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

- Chakraborty, Abhishek**, and Tansey WP (2009) Inference of cell cycle-dependent proteolysis by laser scanning cytometry. *Quantitative Imaging Cytometry Symposium*. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.
- Guerriero, Jennifer.** (2008) Chemotherapy induces tumor clearance independent of apoptosis. 16<sup>th</sup> *Euroconference on Apoptosis*. Bern, Switzerland.
- Kaczocha, Martin**, Glaser, S.T., Chae, J., and Deutsch, D.G. (2008) Role of FAAH-2 in Endocannabinoid Metabolism. *International Cannabinoid Research Society*. Aviemore, Scotland. (poster)
- Liao, Mei-Chen.** (2008) Novel A&#946;-Degrading Enzyme: Myelin Basic Protein. *Neuroscience 2008*. Washington, D.C.
- Chen, E.I ., **Titmus, M.**, Singh, M., Shroyer, K.R. (2009) Proteomic studies of the origin of ovarian serous carcinoma. *American Association for Cancer Research 100th Annual Meeting*. Colorado Convention Center, Denver, CO.
- Prazak, Lisa.** (2008) Cis-regulatory control of slp1 transcription in the Drosophila embryo. *15th International Runx Workshop*. Provincetown, MA.
- Yang, Hui-Ju**, Nakanishi, H., Liu S., McNew, JA., Neiman, AM. (2008) Binding interactions can control SNARE specificity in vivo. *Yeast Genetics and Molecular Biology Meeting*. University of Toronto, Toronto, Ontario.
- Zhai, Haiyan.** (2008) Microglia, tissue plasminogen activator and annexin II in glioma progression. *Neuroscience 2008*. Washington, D.C.

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

- Chakraborty, Abhishek.** (2009) Post-doctoral Fellow. Cell and Developmental Biology, *Vanderbilt University*, Nashville, TN.

**Niu, Hengyao.** (2009) Post-doctoral Fellow. *Susan G. Komen for the Cure Foundation*, Dallas, TX.

# MOLECULAR GENETICS AND MICROBIOLOGY

GRADUATE DIRECTOR: JANET HEARING  
DEPARTMENT CHAIR: JORGE BENACH

## ❖ Grants, Fellowships and Awards

**Feres, Kimberly.** Travel Award, \$500. *Cell Migration Consortium*, University of Virginia, Charlottesville, VA.

## ❖ Jointly Authored Publications/Research Reports/Reviews

**Coleman, J.R.**, Papamichail, D., Skiena, S., Futcher, B., Wimmer, E., and Mueller, S. (2008) Virus attenuation by genome-scale changes in codon pair bias. *Science* 320: 1784-1787.

**Diamond, A.E.**, Park, J.S., Tachikawa, H., and Neiman, A.M. (2009) The anaphase promoting complex targeting Amal links meiotic exit to cytokinesis during sporulation in *Saccharomyces cerevisiae*. *Molecular Biology of the Cell* 20: 134-145.

**Feres, K.J.**, Ischenko, I., and Hayman, M. (2008) The RON receptor tyrosine kinase promotes MSP-independent cell spreading and survival in breast epithelial cells. *Oncogene* 28: 279-288.

**Karen, K.A.**, Hoey, P.J., Young, C.S.H., and Hearing, P. (2009) Temporal regulation of the MRN complex during adenovirus infection. *Journal of Virology* 83: 4565-4573.

**LaRocca, T.J.**, Holthausen, D.J., Hsieh, C., Renken, C., Mannella, C.A., and Benach, J.L. (in press) The bactericidal effect of a complement-independent antibody is osmolytic and specific to *Borrelia*. *Proceedings of the National Academy of Science*.

**LaRocca, T.J.**, Katona, L.I., Thanassi, D.G., and Benach, J.L. (2008) Bactericidal action of a complement-independent antibody against relapsing fever *Borrelia* resides in its variable region. *Journal of Immunology* 180: 6222-6228.

**Lilo, S.**, Zheng, Y., and Bliska, J.B. (2008) Caspase-1 activation in macrophages infected with *Yersinia pestis* KIM requires the type III secretion system effector YopJ. *Infection and Immunity* 76: 3911-3923.

**Medina, G.**, Pincetic, A., Ehrlich, L.S., Zhang, Y., Tang, Y., Leis, J., and Carter, C.A. (2008) Cellular Tsg101 can replace Nedd4 function in ASV Gag release but not membrane targeting. *Virology* 377: 30-38.

**Mulligan, E.A.**, and Dunn, J.J. (2008) Cloning, purification and initial characterization of *E. coli* McrA, a putative 5-methylcytosine-specific nuclease. *Protein Expression and Purification* 62: 98-103.

Grubor, V., Krasnitz, A., Troge, J.E., Meth, J.L., Lakshmi, B., Kendall, J.T., Yamrom, B., Alex, G., Pai, D., **Navin, N.**, Hufnagel, L.A., Lee, Y.H., Cook, K., Allen, S.L., Rai, K.R., Damle, R.N., Calissano, C., Chiorazzi, N., Wigler, M., Esposito, D. (2009) Novel genomic alterations and clonal evolution in chronic lymphocytic leukemia revealed by representational oligonucleotide microarray analysis (ROMA). *Blood* 113: 1294-1303.

Ivanov, M.I., **Noel, B.L.**, Rampersaud, R., Mena, P., Benach, J.L., and Bliska, J.B. (2008) Vaccination of mice with a Yop translocon complex elicits antibodies that are protective against infection with F1-*Yersinia pestis*. *Infection and Immunity* 76: 5181-5190.

Patel, P.K., Kommajosyula, N., **Rosebrock, A.**, Bensimon, A., Leatherwood, J., Bechhoefer, J., and Rhind, N. (2008) The Hsk1/Cdc7 replication kinase regulates origin efficiency. *Molecular Biology of the Cell* 19: 5550-5558.

- Alvarez, F.J., Douglas, L.M., **Rosebrock, A.**, Konopka, J.B. (2008) The Sur7 protein regulates plasma membrane organization and prevents intracellular cell wall growth in *Candida albicans*. *Molecular Biology of the Cell* 19: 5214-5225.
- Viladevall, L., St. Amour, C.V., **Rosebrock, A.**, Schneider, S., Zhang, C., Allen, J.J., Shokat, K.M., Schwer, B., Leatherwood, J.K., and Fisher, R.P. TFIIF and P-TEFb coordinate transcription with capping enzyme recruitment at specific genes in fission yeast. *Molecular Cell* 33: 738-751.
- Dutta, C., Patel, P.K., **Rosebrock, A.**, Oliva, A., Leatherwood, J., and Rhind, N. (2008) The DNA replication checkpoint directly regulates MBF-dependent G1/S transcription. *Molecular and Cellular Biology* 28: 5977-5985.
- Lo, H.C., Wan, L., **Rosebrock, A.**, Futcher, B., Hollingsworth, N.M. (2008) Cdc7-Dbf4 regulates NDT80 transcription as well as reductional segregation during budding yeast meiosis. *Molecular Biology of the Cell* 19: 4956-4967.
- Ullman, A.J.**, and Hearing, P. (2008) Cellular proteins PML and Daax mediate an innate antiviral defense antagonized by the adenovirus E4 ORF3 protein. *Journal of Virology* 82: 7325-7335.
- Lilo, S., **Zheng, Y.**, and Bliska, J.B. (2008) Caspase-1 activation in macrophages infected with *Yersinia pestis* KIM requires the type III secretion system effector YopJ. *Infection and Immunity* 76: 3911-3923.

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

- Feres, K.**, Ischenko, I., and Hayman, M. (2008) MSP-Independent Activation of RON in Breast Epithelial Cells Promotes Cell Adhesion, Cell Spreading and Evasion of Cell Death. *Frontiers in Cell Migration: From Mechanism to Disease*. Bethesda, MD.
- Karen, K.**, and Hearing, P. (2008) Adenovirus Genomes and the MRN Complex During the Early Phase of Infection. *Molecular Biology of DNA Tumor Viruses Conference*. Madison, WI.
- LaRocca, T.J.**, Katona, L.I., Thanassi, D.G., and Benach, J.L. (2008) Probing the Mechanism of Complement-Independent Bactericidal Antibodies Against *Borrelia* spp. *108th General Meeting of the American Society for Microbiology*. Boston, MA.
- Li, Q.**, and Thanassi, D.G. (2008) Investigation of the N- and C-terminal Domains of the PapC Usher in P Pilus Assembly. *108th General Meeting of the American Society for Microbiology*. Boston, MA.
- Ullman, A.**, and Hearing, P. (2008) The Cellular Proteins PML and Daax Mediate an Innate Antiviral Defense Antagonized by the Adenovirus E4-ORF3 Protein. *Molecular Biology of DNA Tumor Viruses Conference*. Madison, WI.
- Zeituni, A.**, Carrion, J.A., and Cutler, C. (2008) Fimbriae-Deficient Mutant of *P. gingivalis* Targets C-Type Lectin Receptor DC-SIGN on DCs, Involved in Dampening Immunosurveillance. *International Association for Dental Research General Meeting*. Toronto, ON.
- Carrion, J.A., Jotwani, R., **Zeituni, A.**, and Cutler, C.W. (2008) Atherogenic Markers in *P. gingivalis*-Stimulated Dendritic Cells and Chronic Periodontitis In Situ. *International Association for Dental Research Meeting*. Toronto, ON.

### ❖ Post-Doctorates Obtained And Professional Appointments

- Coleman, John R.** (2008) Postdoctoral Fellow. Department of Molecular Genetics and Microbiology, *Stony Brook University*, Stony Brook, NY.
- Diamond, Aviva** (2008) Postdoctoral Fellow. *Albert Einstein College of Medicine*, Bronx, NY.
- Medina, Gisselle** (2008) W. Burghardt Turner Postdoctoral Faculty Trainee. *Stony Brook University*, Stony Brook, NY.

**Runco, Lisa** (2008) Assistant Professor. *New York Institute of Technology*, Old Westbury, NY.

# MUSIC

GRADUATE DIRECTOR: JUDY LOCHHEAD  
DEPARTMENT CHAIR: DANIEL WEYMOUTH

## ❖ Grants, Fellowships and Awards

- Chenault, Cordelia.** (2009-10) Fulbright IIE Graduate Fellowship by the German-American Fulbright Commission. *Deutscher Akademischer Austausch Dienst Graduate Research Scholarship.* (declined)
- Ellrott, Travis.** (2008) Composer. “In Pieces” awarded the 2008 Bourges Residence Prize (Bourges, France), including a two-week residency in the Krakow Academy of Music, Poland (March 16th-30th, 2009) and a performance of “In Pieces” on June 2nd in the Festival “Synthèse 2009.”
- Fena, Christina.** (2009) Mark Tucker Award for best student paper. “The ‘Piano Technician’ and His ‘Unfortunate Piano’: Henry Cowell in the Machine Age.” *The Society for American Music.* Denver, CO.
- Hartford, Cassandra.** (2009) Newberry Library Short-Term Fellowship. *The Newberry Library.* Chicago, IL.
- Hartford, Cassandra.** (2009) Harold Powers Travel Grant. *The American Musicological Society.* Brunswick, ME.
- Tochka, Nicholas.** (2009) Dissertation Research Fellowship in East European Studies. *American Council of Learned Societies.* New York, NY.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Srinarong, Thawewet Paye.** (2008) “To Be VieTrio” *The Story of the Srinarong Family.* Thailand: Solidbooks, Co. Ltd.

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

- Blake, David.** (2009) Robert Schumann's *Kind im Einschlummern: Schlafe or Tod?* *McGill Music Graduate Symposium.* McGill University, Montreal, Quebec. *CUNY Graduate Students in Music Symposium: Representing Music Or Music Representing.* CUNY-Graduate Center, New York, NY.
- Blake, David.** (2009) Internet Music Criticism as Archive: Pitchfork Media and Neutral Milk Hotel's *In the Aeroplane over the Sea.* *International Association for the Study of Popular Music.* University of California at San Diego, San Diego, CA.
- de Martelly, Elizabeth,** Margaret Schedel, and Alison Rootberg. (2008) Scoring an Interactive, Multimedia Performance. *New Interfaces for Musical Expression.* Università degli Studi di Genova, Italy.
- de Martelly, Elizabeth** and Margaret Schedel. (2008) Realizing the Moment: Toward a Continued Role for Technology in Art. *International Symposium for Electronic Art.* Singapore Management University, Singapore.
- de Martelly, Elizabeth.** (2009) Gay for Johnny Depp: Image and Record Label-Media 'Incest' in the Capitalist Music Industry. *International Association for the Study of Popular Music, US Branch.* University of California at San Diego, San Diego, CA.
- DiIanni, Dante Lorenzo.** (2009) Malcolm Martineau Schumann Lieder; *The Poetry and Song of Robert Schumann. Britten–Pears Young Artist Programme.* Aldeburgh, England.



- Ellrott, Travis.** (2008) Composer. *Orford Sound Art Workshop* (with Yves Daoust, Natasha Barrett, and Paul Rudy). Orford, Quebec.
- Fena, Christina.** (2009) The 'Piano Technician' and His 'Unfortunate Piano': Henry Cowell in the Machine Age. *The Society for American Music*. Denver, CO.
- Hayes, Aaron.** (2009) Music as Name: The Failed Representation of the Absolute in Adorno's Philosophy of Music. *Representing Music or Music Representing: City University of New York Graduate Students in Music*. New York, NY.
- Munoz, Isai.** (2009) Guest Speaker on Opera and the Performing Arts. *Services for Academic Success*. Rocky Mountain College, Billings, MT.
- Zorin, Max.** (2008). Violin. *Masterclass*. Royal Academy, London, England.

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

- Dilanni, Dante Lorenzo.** (2008) Festival Intern. *Grand Teton Music Festival*, Jackson Hole, WY.

❖ **Exhibitions/Performances**

- Antonio, Ian.** (2008) Percussion. *Wet Ink Ensemble presents 'Music of the AACM'*. The Kitchen, New York, NY.
- Antonio, Ian.** (2008) Percussion. *Hunter-Gatherer Percussion Duo at the Festival of New American Music*. Sacramento State University, Sacramento, CA.
- Antonio, Ian.** (2008) Percussion. *Yarn/Wire Quartet presents "Music From the Edge."* Tenri Cultural Institute, New York, NY.
- Daly, Andrea.** (2008) Composer. *World Premiere of "Nocturne,"* by Thomas Osuga (pianist) of the Aurista Chamber Ensemble. New York, NY.
- Dufford, Kevin.** (2008) Percussion. *Performances and master-classes at Shenyang Conservatory and China Conservatory with Gwen Thraasher*. Beijing, China.
- Duykers, Max.** (2008) Composer. *The soundSCAPE New Music Festival*. The Clemency of Milk for flute, violin, and piano – performed at the Vittadini School of Music. Pavia, Italy.
- Duykers, Max.** (2008) Composer. *Twilight for Adored and Breathless Moments for pierrot sextet*. The Music 08 New Music Festival, University of Cincinnati Conservatory of Music, Cincinnati, OH.
- Duykers, Max.** (2009) Composer. *Glances for Bass Clarinet, Vibraphone, & Piano* – commissioned and performed by Philip Everall. Manhattan School of Music, New York, NY.
- Ellrott, Travis.** (2008) Composer. *In Pieces*. Festival Futura 2008, Paris, France. IMMArts' TechArt2008 Exhibition, Northern Illinois University, DeKalb, IL.
- Kwan Loucks, Kevin.** (2009) Piano. *Violon en couleurs* (Violin/Piano Recital with Lara St. John, May 14). Soirée à Vienne (May 16). Les Virtuoses de l'Opéra (May 20). Tribute to Benny Goodman (May 22). Festival Musique de Chambre Montréal, St. James United Church. Montreal, Quebec.
- Kwan Loucks, Kevin.** (2009) Piano. *Elektra Ensemble*. Westminster Presbyterian Church, West Hartford, CT.
- Kwan Loucks, Kevin.** (2009) Piano. *Elektra Ensemble: A Salute to Broadway*. Nancy Marine Studio Theatre at the Warner Theatre, Torrington, CT.
- Kwan Loucks, Kevin.** (2009) Piano. *Violin/Piano Recital* with Iryna Krechkovky Varenna. Fountaingrove: Villa Capri, Santa Rosa, CA.

- Kwan Loucks, Kevin.** (2008) Piano. *TownMusic*. 20th Century American Masters Great Hall, Town Hall Seattle, Seattle, WA.
- Kwan Loucks, Kevin.** (2008) *Five unique programs and performances*. Music for a Summer Evening, Rolston Recital Hall, The Banff Centre, Banff, Alberta.
- Kwan Loucks, Kevin.** (2008) *Serenade at St. George's*. St. George's-In-The-Pines Anglican Church, Banff, Alberta.
- Kwan Loucks, Kevin.** (2008) *Canmore Monday*. Creekside Hall, Canmore, Alberta.
- Munoz, Isai.** (2008) Tenor Soloist. *Collegiate Chorale of New York and the Israeli Philharmonic*. Tel Aviv Museum of Art, Tel Aviv, Israel.
- Munoz, Isai.** (2008) Tenor. *Performed Roles of Basilio/Curzio in Mozart's "Marriage of Figaro."* Rimrock Opera Company, Billings, MT.
- Munoz, Isai.** (2008) *Tenor Vocalist with Alvin Ailey Dance Company*. 50th Anniversary Season, New York City Center, New York, NY.
- Munoz, Isai.** (2009) *Tenor in Samuel Barber's "Antony and Cleopatra."* New York City Opera, Carnegie Hall, New York, NY.
- Munoz, Isai.** (2009) *Performed the role of Remendado in Bizet's "Carmen."* Rimrock Opera Company, Billings, MT.
- Munoz, Isai.** (2009) *Tenor Soloist in African Mass "Missa Luba" with the Glass Menagerie Chorale*. New York, NY.
- Munoz, Isai.** (2009) *Tenor Soloist*. Collegiate Chorale of New York at the Verbier Music Festival. Verbier, Switzerland.
- Schaer, Claudia.** (2008) Violin. *Debut Recital*. Carnegie's Weill Recital Hall, New York City, NY.
- Schaer, Claudia.** (2008) *Lifchitz Violin Concerto New York Premiere, as soloist with North/South Chamber Orchestra*. New York City, NY.
- Schaer, Claudia.** (2008) Violin. *Performances in the American Symphony Orchestra at Avery Fisher Hall and Bard College*. New York City, NY.
- Simonian, Anoush.** (2009) Viola. *Various performances as a member of the Motyl Chamber Ensemble*. Most recently appearing at the Weill Recital Hall at Carnegie Hall for the concert "Surviving Suppression: The Music of Jewish Émigré Composers." New York, NY.
- Srinarong, Thaweewet Paye.** (2008) Violin. *Recital*. Bangkok, Thailand.
- Srinarong, Thaweewet Paye.** (2008 & 2009) Violin. *VieTrio concerts across Thailand*. Several broadcast live on TV and radio stations across Asia, Europe & Australia.
- Srinarong, Thaweewet Paye.** (2008) Violin. *Yale Philharmonia Asian Tour 2008*. Korea's Seoul Arts Center (07.20.08), Beijing's Forbidden City Concert Hall (07.22.08), Shanghai Grand Theatre (07.26.08)
- Srinarong, Thaweewet Paye.** (2008) Violin. *Chamber Music Recital*. Thailand Cultural Center, Bangkok, Thailand.
- Srinarong, Thaweewet Paye.** (2009) Violin. *Performed as soloist with Bangkok Symphony Orchestra*. Lumpini Park, Bangkok, Thailand.
- Zorin, Max.** (2009) Violin. *Performance of Mendelssohn Concerto for Violin and Piano with Maxim Vengerov conducting*. Hourtin, France.

❖ CD Releases

- Antonio, Ian.** (2008) *ZS 'The Hard EP'* (CD and 12" vinyl). San Diego, CA: Three One G Records.

**Dufford, Kevin.** (2008) Percussion. *Arabesco Infinito* by Alejandro Viñao with Gwen Thrasher, to be released later this year on Blue Griffin Records in East Lansing, MI.

**Dufford, Kevin.** (2008) Recorded “*Musique de tables*” by Thierry de Mey with Svet Stoyanov and James Deitz.

**Schaer, Claudia.** (2009) Violin. *Landscapes for Chamber Orchestra, with the North/South Consonance Chamber Orchestra.* New York, NY, North South Recordings.

**Srinarong, Thaweewet Paye.** (2008) Violin. *VieTrio Miracle, Exact GMM Grammy Label, Thailand:* Made No.1 CD charts in Thailand for 8 weeks (July 2008), awarded “Recording of the Year” by *Dichan Magazine, Thailand* (Dec 2008)

**Srinarong, Thaweewet Paye.** (2009) Violin. *VieTrio Love Birds, Exact GMM Grammy Label, Thailand.*

**Srinarong, Thaweewet Paye.** (2009) Violin. Arranged and recorded a new version of *HM the King Anthem* for Rachadalai Theatre, Bangkok, Thailand.

❖ **DVD Releases**

**Srinarong, Thaweewet Paye.** (2008) *VieTrio Live in Concert 2008, Exact GMM Grammy Label, Thailand.*

# NEUROSCIENCE

GRADUATE DIRECTOR: LONNIE WOLLMUTH  
DEPARTMENT CHAIR: LORNA ROLE

## ❖ Grants, Fellowships and Awards

- Aubele, Teresa.** (2008) Outstanding Manuscript Award, \$125. *Dept. of Neurobiology and Behavior*, Stony Brook, NY.
- Bukhari, Noreen** (2009-2014) NIH Ruth L. Kirschstein National Research Service (NRSA) Predoctoral Fellowship, \$121,458. *National Institute of Neurological Disorders and Stroke (NINDS)*, Bethesda, MD.
- Zanazzi, George** (2009) Individual Predoctoral National Research Service Award, \$28,040/year. *NINDS*, Bethesda, MD.

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Shanthanelson, Monicca**, Arvanian, Victor L., Mendell, Lorne M. (in press) Input-Specific Plasticity of NMDA Receptor-Mediated Synaptic Responses in Neonatal Rat Motoneurons. *European Journal of Neuroscience*.
- Rosati, B., Dong, M., Cheng, L., Liou, S.R., **Yan Qinghong**, Park, J.Y., Shiang, E., Sanguinetti, M., Wang, H.S., McKinnon, D. (2008) Evolution of ventricular myocyte electrophysiology. *Physiol Genomic* 35(3): 262-72.
- Yang, Yang**, DeWeese, M.R., Otazu, G. and Zador A.M. (2008) Millisecond-scale differences in neural activity in auditory cortex can drive decisions. *Nature Neuroscience* 11: 1262-3.
- Otazu, G., **Yang, Yang**, and Zador A.M. (2009) Engaging in an auditory task suppresses responses in auditory cortex. *Nature Neuroscience* 12(5): 646-54.
- Zanazzi, George**, Matthews, G. (2009) The molecular architecture of ribbon presynaptic terminals. *Molecular Neurobiology* 39(2): 130-48.

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

- Aubele, Teresa.** (2008) Gonadectomy in adult male rats increases extracellular dopamine levels in the prefrontal cortex: possible causative roles for effects on the norepinephrine transporter, but not the dopamine transporter or the enzyme catechol-O-methyltransferase. *Society for Neuroscience 2008*. Washington, D.C.
- Bukhari, Noreen** (2009) NINDS/AUPN/ANA. *How To Combine Clinical and Research Careers in Neuroscience Symposium*. Washington, D.C.
- Bukhari, Noreen.** (2009) The role of tissue plasminogen activator in axonal regeneration of a mouse spinal cord injury model. *The American Society for Clinical Investigation/ Association of American Physicians Joint Meeting*. Chicago, IL.
- Bukhari, Noreen.** (2008) Role of tissue plasminogen activator in axonal regeneration of a mouse spinal cord injury model. *38<sup>th</sup> Annual Society for Neuroscience Conference*. Washington, D.C.
- Zanazzi, George**, Matthews, G. (2008) Identification and characterization of complexin 3 and 4 paralogs in the zebrafish visual system. *Society for Neuroscience 38th Annual Meeting*. Washington, D.C.

# ORAL BIOLOGY AND PATHOLOGY

GRADUATE DIRECTOR: MARCIA SIMON  
DEPARTMENT CHAIR: ISRAEL KLEINBERG

## ❖ Grants, Fellowships and Awards

**Carrion, Julio.** (2008) Minority Faculty Development Award (MDFD)-1 year extension, \$20,000. *New York State Academic Centers, Funded by Kellogg Foundation, ADEA*, New York, NY.

**Carrion, Julio.** (2008) NESP Graduate Research Symposium Award, \$1,000. *Northeastern Society of Periodontists*, New York, NY.

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

**Carrion, Julio.** (2009) Atherogenic Markers in P.gingivalis-Stimulated Dendritic Cells and Chronic Periodontitis in-situ. *IADR/AADR/CADR 87th General Session*. Miami, FL.

**Carrion, Julio.** (2008) Expression of Atherogenic Markers in Chronic Periodontitis and by P. gingivalis Stimulated Dendritic Cells. *1st NESP Graduate Research Symposium, Northeastern Society of Periodontists*. New York, NY.

**Carrion, Julio.** (2008) Atherogenic Markers in P.gingivalis-Stimulated Dendritic Cells and Chronic Periodontitis in-situ. *IADR/CADR 86th General Session*. Toronto, ON.

# PHARMACOLOGICAL SCIENCES

GRADUATE DIRECTOR: STYLIANI-ANNA (STELLA) E. TSIRKA

DEPARTMENT CHAIR: MICHAEL FROHMAN

## ❖ Grants, Fellowships and Awards

- Cheney, Laura.** (2009-2010) PhRMA Fellowship, \$20,000. *Pharmaceutical Researchers and Manufacturers of America*. Washington, D.C.
- Emmetsberger, Jaime.** (2008) Van der Kloot Award for Excellence in Teaching, \$500. *Department of Pharmacology*. Stony Brook University, Stony Brook, NY.
- Leiton, Cindy V.** (2009-2012) Graduate Research Fellowship, \$30,000. *National Science Foundation*. Arlington, VA.
- Love, Damon.** (2008-2009) W. Burghardt Turner Dissertation Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.
- Love, Damon.** (2009) W. Burghardt Turner Summer Research Grant (TSRG), \$3,000. *Stony Brook University*, Stony Brook, NY.
- Yao, Yao.** (2009) Sigma Xi Grants-in-Aid of Research, \$1,000. *Sigma Xi, The Scientific Research Society*. Research Triangle Park, NC.
- Yeku, Oladapo.** (2007-2010) NIH Ruth L. Kirschstein National Research Service Award (NRSA) Predoctoral Fellowship. *National Institute of General Medical Sciences (NIGMS)*. Bethesda, MD.
- Yeku, Oladapo.** (2007-2012) W. Burghardt Turner Fellowship, \$50,000. *Stony Brook University*, Stony Brook, NY.

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Takamaru, K., **Fischer, Victoria**, Li, F.Q. (2009) Fine-tuning of nuclear-catenin by Chibby and 14-3-3. *Cell Cycle* 8: 210-3.
- Angelov, T., **Guainazzi, Angelo**, Schärer, O.D. (2009) Generation of DNA interstrand cross-links by post-synthetic reductive amination. *Org Lett*. 11: 661-4.
- Patel, Vinal, **Lee, Dianne E.**, Alexoff, D.L., Dewey, S.L., Schiffer, W.K. (2008) Imaging dopamine release with Positron Emission Tomography (PET) and (<sup>11</sup>C)-raclopride in freely moving animals. *Neuroimage* 41(3): 1051-66.
- Voronina, V.A., Takamaru, K., Treuting, P., **Love, Damon**, Grubb, B.R., Hajjar, A.M., Adams, A., Li, F.Q., Moon, R.T. (2009) Inactivation of Chibby affects function of motile airway cilia. *J Cell Biol*. 185: 225-33.
- Cohen, J.C., Larson, J.E., Killeen, E., **Love, Damon**, Takamaru, K. (2008) CFTR and Wnt/beta-catenin signaling in lung development. *BMC Dev Biol*. 8: 70.
- Zhao, W., Mackenzie, G.G., **Murray, Onika T.**, Zhang, Z., Rigas, B. (2009) Phosphoaspirin (MDC-43), a novel benzyl ester of aspirin, inhibits the growth of human cancer cell lines more potently than aspirin: a redox-dependent effect. *Carcinogenesis* 30: 512-9.
- Patel, Vinal**, Lee, Dianne E., Alexoff, D.L., Dewey, S.L., Schiffer, W.K. (2008) Imaging dopamine release with Positron Emission Tomography (PET) and (<sup>11</sup>C)-raclopride in freely moving animals. *Neuroimage* 41(3): 1051-66.

DeMarco, A., Dalal, R.M., Pai, J., Aquilina, S.D., Mullapudi, U., Hammel, C., Kothari, S.K., Kahanda, M., Liebling, C.N., **Patel, Vinal**, Schiffer, W.K., Brodie, J.D., Dewey, S.L. (2009) Racemic gamma vinyl-GABA (R,S-GVG) blocks methamphetamine-triggered reinstatement of conditioned place preference. *Synapse* 63: 87-94.

DeMarco, A., Dalal, R.M., Kahanda, M., Mullapudi, U., Pai, J., Hammel, C., Liebling, C.N., **Patel, Vinal**, Brodie, J.D., Schiffer, W.K., Dewey, S.L., Aquilina, S.D. (2008) Subchronic racemic gamma vinyl-GABA produces weight loss in Sprague Dawley and Zucker fatty rats. *Synapse* 62: 870-2.

**Staresincic, Lidija**, Fagbemi, A.F., Enzlin, J.H., Gourdin, A.M., Wijgers, N., Dunand-Sauthier, I., Gigliamari, G., Clarkson, S.G., Vermeulen, W., Schäfer, O.D. (2009) Coordination of dual incision and repair synthesis in human nucleotide excision repair. *EMBO J.* 28: 1111-20.

**Su, Wenjuan**, Yeku, Oladapo, Olepu, S., Genna, A., Park, J.S., Ren, H., Du, G., Gelb, M.H., Morris, A.J., Frohman, M.A. (2009) 5-Fluoro-2-indolyl des-chlorohalopemide (FIPI), a phospholipase D pharmacological inhibitor that alters cell spreading and inhibits chemotaxis. *Mol Pharmacol.* 75: 437-46.

Su, Wenjuan, **Yeku, Oladapo**, Olepu, S., Genna, A., Park, J.S., Ren, H., Du, G., Gelb, M.H., Morris, A.J., Frohman, M.A. (2009) 5-Fluoro-2-indolyl des-chlorohalopemide (FIPI), a phospholipase D pharmacological inhibitor that alters cell spreading and inhibits chemotaxis. *Mol Pharmacol.* 75: 437-46.

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

**Corrales-Higuera, Alexandra**, Talukder, I., Kazi, R., Prieto, M., Wollmuth, L. (2008) Channel gating in mammalian glutamate receptors requires the interaction of M4 segment with other transmembrane elements. *The 38th Annual Meeting of the Society for Neuroscience*. Washington, D.C.

**Emmetsberger, Jaime**, Mirrione, Martine M., Zhou, C., Fernandez-Monreal, M., Tsirka, S. E. (2009) Tissue Plasminogen Activator Promotes Neuronal Survival Against Zinc Toxicity by Interacting with the Zinc Transporter ZIP4. *The Molecular and Cellular Plasminogen Activation Conference*. Cold Spring Harbor, NY.

**Emmetsberger, Jaime**, Heppner, F.L., Tsirka, S.E. (2008) The spatio-temporal distribution of microglia determines microglial neuroprotective and neurotoxic behaviors following spinal cord injury. *The 38th Annual Meeting of the Society for Neuroscience*. Washington, D.C.

Leiton, Cindy, **Emmetsberger, Jaime**. (2008) Participant. *Glia in Health and Disease Meeting*. Cold Spring Harbor Laboratories, Cold Spring Harbor, NY.

**Leiton, Cindy V.**, Emmetsberger, Jaime. (2008) Participant. *Glia in Health and Disease Meeting*. Cold Spring Harbor Laboratories, Cold Spring Harbor, NY.

Emmetsberger, Jaime, **Mirrione, Martine M.**, Zhou, C., Fernandez-Monreal, M., Tsirka, S. E. (2009). Tissue Plasminogen Activator Promotes Neuronal Survival Against Zinc Toxicity by Interacting with the Zinc Transporter ZIP4. *The Molecular and Cellular Plasminogen Activation Conference*. Cold Spring Harbor, NY

**Nguyen, Tom**, Colognato, H. (2008) Beta 1 integrin regulates oligodendrocyte development and CNS myelination. *Glia in Health & Disease Conference*. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

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

**Sawey, Eric**. (2008) Postdoctoral Fellow. *Cold Spring Harbor Laboratory*, Cold Spring Harbor, NY.

## Pharmacological Sciences

**Scotto-Lavino, Elizabeth.** (2009) Postdoctoral Fellow. *Biology Department*, Brookhaven National Laboratory, Upton, NY.

**Su, Wenjuan.** (2009) Postdoctoral Fellow. *Department of Pharmacology*, Stony Brook University, Stony Brook, NY.

**Teressa, Getu.** (2008) MSTP Candidate. Third-Year Medical Student, School of Medicine, *Stony Brook University*, Stony Brook, NY.



# PHILOSOPHY

GRADUATE DIRECTOR: HARVEY CORMIER  
DEPARTMENT CHAIR: ROBERT CREASE

## ❖ Grants, Fellowships and Awards

- Ambury, James.** (2009) President's Award for Excellence in Teaching by a Graduate Student, \$500. *Stony Brook University*, Stony Brook, NY.
- Arruda, Caroline.** (2009) Travel Stipend, \$300. *American Philosophical Association, Central Division Meeting*, Chicago, IL.
- Bragagnolo, Celina.** (2008-2009) Max Kade Foundation Scholarship, \$13,500. *Max Kade Foundation, Inc.*, New York, NY.
- Butler, Samuel.** (2008-2009) Max Kade Foundation Scholarship, \$13,500. *Max Kade Foundation, Inc.*, New York, NY.
- Bottenberg, Frances.** (2009) President's Award for Excellence in Teaching by a Graduate Student, \$500. *Stony Brook University*, Stony Brook, NY.
- Colapinto, Andres.** (2008) Graduate Student Travel Award, \$300. *American Philosophical Association, Eastern Division*, Newark, DE.
- Lee, Eunah.** (2008-2009) Max Kade Foundation Scholarship, \$13,500. *Max Kade Foundation, Inc.*, New York, NY.
- Roth, Brandon.** (2009) Andrew W. Mellon Dissertation Seminar, \$4,500. *Andrew W. Mellon Foundation*, New York, NY.
- Sajber, Krisztina.** (2009) Andrew W. Mellon Dissertation Seminar, \$4,500. *Andrew W. Mellon Foundation*, New York, NY.
- Sauder, Christopher.** (2008) Graduate Fellowship for Study in Belgium, \$21,000, *Belgian-American Educational Foundation*, New Haven, CT.
- Tillman, Rachel.** (2009-2010) Jacob K. Javits Fellowship. *U.S. Department of Education*, Washington, D.C.
- Whyte, Kyle Powys.** (2008-2009) Northeast Consortium for Faculty Diversity Dissertation Fellowship, \$36,000. *Allegheny College*, Meadville, PA.
- Whyte, Kyle Powys.** (2009) K. Patricia Cross Future Leaders Award. *Association of American Colleges and Universities*, Washington, D.C.

## ❖ Singly Authored Publications/Research Reports/Reviews

- Aguirre, Javier.** (2008) Justicia e igualdad en los sistemas especiales de admisión a las universidades: una reflexión a partir de Ronald Dworkin. *Revista Estudios Socio Juridicos* 10(1): 201-226.
- Holloway, Travis.** (in press) Violence and the Wake of Terror. In Christopher Yates (Ed.), *Violence and Non-Violence*.
- Howell, Whitney.** (2009) From Destructive Infant to Restorative Mother: Tracing the Vulnerable Body in the Work of Louise Bourgeois. *Art Criticism* 24(1): 85-100.
- Toledo, Roberto.** (in press) Biblical Literacy and Transnational Mayan Liberation Movements. *Acta Theologica, Supplementum* 12.

**Whyte, Kyle Powys.** (in press) Environmental Injustice and American Indian Communities. Commissioned by the *Diversity Essays Project, American Philosophical Association (under contract)*.

**Wolfe, Katharine.** (in press) From Action to Actor, Productively: Marx's Dialectical Life. *Rethinking Marxism*.

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

Garcia, P. and **Aguirre, J.** (2009) Logica y Teoria de la Argumentacion. Bucaramanga, Colombia: Ediciones UIS, Universidad Industrial de Santander.

**Aguirre, J.,** Maldonado, F. and Silva A. (2009) Marx y la critica de los derechos. Bucaramanga, Colombia: Ediciones UIS, Universidad Industrial de Santander.

**Aguirre, J.** and Pabon, P. (2008) Sistemas especiales de admission en las universidades: un desafio por la consolidacion del derecho a la igualdad material en el acceso a la educacion superior. *Estudios de Derecho* 66(146): 101-129.

**Aguirre, J.** and Pabon, P. (2008) Prevalencia de los derechos del niño en la prelación civil de créditos. Un análisis constitucional y legal de la aplicación de este derecho. *Revista Prolegomenos – Derechos y Valores* 11( 21): 123-142.

**Mayock, J.** and Mayock, M. (in press) At the Roots of the Western World: The Tradition of Parmenides and Empedocles. In G. Magee (Ed.), *Cambridge Handbook of Western Mysticism and Esotericism*. Cambridge, England: Cambridge University Press.

Mayock, J. and **Mayock, M.** (in press) At the Roots of the Western World: The Tradition of Parmenides and Empedocles. In G. Magee (Ed.), *Cambridge Handbook of Western Mysticism and Esotericism*. Cambridge, England: Cambridge University Press.

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

**Arruda, Caroline.** (2009) Are Relations of Recognition Instances of Collective Intentionality? *American Philosophical Association Central Division Meeting*. Chicago, IL.

**Bottenberg, Frances.** (2009) The Case Against Disembodying Descartes. *The Phenomenological Body – Its Spaces and Limits, Eighth Annual Graduate Student Conference in Philosophy*. New School for Social Research. New York, NY.

**Bottenberg, Frances.** (2009) The creative plagiarism of biomimicry research. *"When Species Meet": Gender, Science and Critical Animal Studies*. Stony Brook University, Stony Brook, NY.

**Bragagnolo, Celina.** (2009) Publicity in Frankfurt: Carl Schmitt and Juergen Habermas on the Political Public Sphere. *Future(s) of Critical Theory*. Goethe Universitaet, Frankfurt, Germany.

**Bragagnolo, Celina.** (2009) Sovereignty and Institutional Order: Rousseau in Weimar. *Rousseau and Revolution*. Aarhus University, Aarhus, Denmark.

**Cohoon, Christopher.** (2008) Coming Together: Eros and Intersubjectivity in Irigaray and Levinas. *3<sup>rd</sup> Annual Meeting of The Irigaray Circle*. Hofstra University, Hempstead, NY.

**Cohoon, Christopher.** (2008) Inside the Outside: The Hold of Aristotelian *Topos*. *45<sup>th</sup> Annual Meeting of the Western Canadian Philosophical Association (WCPA)*. University of Alberta, Edmonton, AB.

**Cohoon, Christopher.** (2009) The Six Modalities of Irigarayan Eros. *Annual Meeting of the Society for Existential and Phenomenological Theory and Culture (EPTC)*. Carleton University, Ottawa, ON.

- Cohon, Christopher.** (2009) Silent Earth: Levinasian Environmental Ethics and the Kantian Sublime. *Sixth Annual Joint Meeting of the International Society for Environmental Ethics (ISEE) and the International Association for Environmental Philosophy (IAEP)*. Rocky Mountain National Park, CO.
- Colapinto, Andres.** (2008) The Constitution of Events in Husserlian Phenomenology. *American Philosophical Association, Meeting of the Eastern Division*. Philadelphia, PA.
- Green, Mark.** (2009) What Does One Second Feel Like? *Conditions of Experience – Language, Tradition, Subjectivity*. Aarhus University, Aarhus, Denmark.
- Green, Mark.** (2009) Are Rhythmic Objects Things We Know?. *Objects of Knowledge – Objects of Exchange*. Harvard University, Cambridge, MA.
- Green, Mark.** (2009) Durations As Perceptual Objects. *Perception and Human Experience*. University of Kentucky, Lexington, KY.
- Green, Mark.** (2009) How Rhythm and Duration Call for a New Phenomenology of Perception. *Interdisciplinary Coalition of North American Phenomenologists*. Ramapo College, Mahwah, NJ.
- Holloway, Travis.** (2009) We are Eagles or Wolves: The ‘Other Side’ of Animality in Plato and Derrida. *Invited Lecture to Faculty and Students*. New Jersey City University, Jersey City, NJ.
- Holloway, Travis.** (2009) To The Drama of My Undressing: Proust’s *Recherche* and Teri Frame’s *Relics*. *Recherche Conference*. Stony Brook University. Stony Brook, NY.
- Holloway, Travis.** (2008) Saying ‘We’: Nancy’s Critique of Benveniste and Lacan. *Psychoanalysis and Philosophy: Confluences and Divergences*. Stony Brook Manhattan, New York, NY.
- 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, BC.
- Lee, Eunah.** (2008) The Possibility of Authentic Public World in Heidegger and Jaspers. *The 6<sup>th</sup> International Jaspers Society in conjunction with the 2008 World Congress of Philosophy*. Seoul, Korea
- Tillman, Rachel.** (2009) Philosophy, hospitality, and the question of the Other. *How Not To Do Philosophy: 12<sup>th</sup> Annual Graduate Philosophy Conference*. University of Essex, Essex, UK.
- Toledo, Roberto.** (2009) La neuroscience peut-elle prédire la délinquance ? Le lien entre le trouble d’attention et l’hyperactivité et le trouble des conduits. [Can Neuroscience Predict Delinquency? The Link between ADHD and Conduct Disorder]. *Department of Cognitive Studies Graduate Student Conference*. Ecole Normale Supérieure, Paris, France.
- Whyte, Kyle Powys.** (2009) Double Panel Chair, “Author Meets Readers” (Panel 1) and “On Indigenous Apologies”. (Panel 2) *American Philosophical Association Central Division Meeting*, Chicago, IL.
- Whyte, Kyle Powys.** (2009) Faculty of the Future: Voices from the Next Generation. *Association of American Colleges and Universities*. Seattle, WA.
- Whyte, Kyle Powys.** (2008) Makah Whaling Revisited: Post-Phenomenology and Environmental Conflicts. *Society for Phenomenology and the Human Sciences*. Duquesne University, Pittsburgh, PA.
- Whyte, Kyle Powys.** (2008) Applying SEE to Environmental Conflicts: Expertise, Technical Decision-Making, and Environmental Justice. *Society for Social Studies of Science*. Erasmus University, Rotterdam, Netherlands.
- Whyte, Kyle Powys.** (2008) Environmental Justice and SEE: Tacit Knowledge versus Equality. *Studies of Expertise and Experience*. Cardiff University, Cardiff, Wales.
- Wolfe, Katharine.** (2008) The Genesis of a Thought: Kant’s ‘Doctrine of the Faculties’ and Deleuze’s Transcendental Empiricism. *Deleuze Studies Conference*. Cardiff University, Cardiff, Wales.

## Philosophy

**Wolfe, Katharine.** (2008) Response to Allegra de Laurentiis' "Political Ethics in Kant and Hegel." *NY German Idealism Workshop*. New School for Social Research, New York, NY.

**Wolfe, Katharine.** (2009) For myself as for another: rape, desire, and the ontological conditions of moral harm. *A Return to the Senses: Political Theory and the Sensorium*. Trent University, Peterborough, ON.

### ❖ Post-Doctorates Obtained and Professional Appointments

**Hom, Sabrina.** (2009-10). Assistant Professor. Department of Philosophy, *Westminster College*, Salt Lake City, UT.

**Bragagnolo, Celina.** (2008-2009) Visiting Scholar. *Universitaet Koeln*, Cologne, Germany.

**Butler, Samuel.** (2008-2009) Visiting Scholar. *Universitaet Koeln*, Cologne, Germany.

**Landes, Donald** (2008-09) Visiting Scholar. *Universite de Paris IV- Sorbonne*, Paris, France.

**Lee, Eunah.** (2008-2009) Visiting Scholar. *Phillips Universitaet*, Marburg, Germany.

**Mayock, Jessica.** (2009) Part Time Faculty. Department of Philosophy, *Warren Wilson College*, Swannanoa, NC.

**Rosenberger, Robert.** (2009-10) Assistant Professor. *Georgia Institute of Technology*, Atlanta, GA.

**Toledo, Roberto.** (2008-2009) Lecteur [Visiting Lecturer]. Department of Philosophy, *Sorbonne-Paris-IV*, Paris, France.

**Whyte, Kyle Powys.** (2009-10) Visiting Assistant Professor. Department of Philosophy, *Michigan State University*, East Lansing, MI.

### ❖ Translations

**Arruda, Caroline.** (in press) "Decollations"/ "D collations" ( Julia Kristeva). In Stacy Keltner and Kelly Oliver (Eds.), *Psychoanalysis, Aesthetics, and Politics in the Work of Julia Kristeva*. SUNY Press. (Original Work Published 1998).

**Bottenberg, Frances.** (in press) Ernst Cassirer as Cultural Scientist/Ernst Cassirer als Kulturwissenschaftler (Orth, E. W.). In Esther Oluffa Pedersen and Claus Festersen (Eds.), *The Philosophy of Symbolic Forms and the Question of Human Culture: Introductions to the Philosophy of Ernst Cassirer*. Berlin: Springer. (Kulturwissenschaften. Konzepte, Theorien, Autoren [2007]).

**Bottenberg, Frances.** (in press) Is Cassirer a neo-Kantian methodologically speaking?/Ist Cassirer methodisch gesehen ein Neukantianer? (Ferrari, M.). In R. Makkreel and S. Luft (Eds.), *Neo-Kantianism in Contemporary Philosophy*. Indianapolis: Indiana University Press. (Der Neukantianismus und das Erbe des deutschen Idealismus. Die philosophische Methode [2002]).

### ❖ Other

**Holloway, Travis** and Jennifer Carter, with Ed Casey. (2008) *Psychoanalysis and Philosophy: Confluences and Divergences*, Stony Brook Manhattan, New York, NY.

**Holloway, Travis**, with Ed Casey. (2008) *Rogues That We Are*. Stony Brook University, Stony Brook, NY.

**Holloway, Travis**, and artist Teri Frame. Written Text, "To the Drama of My Undressing," for Teri Frame's *Relics*. *Recherche* Exhibition. SAC Gallery, Stony Brook University.

**Holloway, Travis.** (2009) Featured Poet. *Goodbye Blue Monday*. Brooklyn, NY.

**Holloway, Travis.** (2009) Featured Poet. *Happy Ending*. Manhattan, NY.

# PHYSICS AND ASTRONOMY

GRADUATE DIRECTOR: JACOBUS VERBAARSCHOT  
DEPARTMENT CHAIR: LASZLO MIHALY

## ❖ Grants, Fellowships and Awards

**Goodson, Jeremiah.** (2008) NSF US LHC Graduate Student Support Awards, \$1,000/month. *National Science Foundation*, Arlington, VA.

**Moreno-Mendez, Enrique.** (2008) Argelander Postdoctoral Fellowship. *The Argelander-Institut fuer Astronomie (Alfa)*, University of Bonn, Bonn, Germany.

## ❖ Jointly Authored Publications/Research Reports/Reviews

**Ahuja, Shivani,** Hornak, V., Yan, E. C. Y., Syrett, N., Goncalves, A. J., Hirshfeld, A., Ziliox, M., Sakmar, T. P., Sheves, M., Reeves, P. J., Smith, S. O., Eilers, M. (2009) Helix movement is coupled to displacement of the second extracellular loop in rhodopsin activation. *Nature Struct. Mol. Biol.* 168: 16.

**Ahuja, Shivani,** Crocker, E., Eilers, M., Hornak, V., Hirshfeld, A., Ziliox, M., Syrett, N., Reeves, P. J., Khorana, H. G., Sheves, M., Smith, S. O. (2009) Location of the retinal chromophore in the activated state of rhodopsin. *J. Biol. Chem.* 10190: 284.

**Blaga, Cosminioan,** Catoire, F., Colosimo, P., Paulus, G.G., Muller, H.G., Agostini, P., DiMauro, L.F. (2009) Strong-field photoionization revisited. *Nature Physics* 5: 335-338.

**Choi, Jaehyung,** Lee, S., Song, J. (2009) Superconformal Indices for Orbifold Chern-Simons Theories. *Journal of High Energy Physics* 0903: 099.

**Clow, Stephen,** Trallero-Herrero, C., Bergeman, T., Weinacht, T. (2008) Strong Field Multiphoton Inversion of a Three-Level System Using Shaped Ultrafast Laser Pulses. *Physical Review Letters* 100: 233603.

**Clow, Stephen,** Holscher, U., Weinacht, T. (in press) Achieving 'Perfect' Molecular Discrimination via Coherent Control and Bosonic Stimulation. *New Journal of Physics*.

**Dai, Peng,** Huang, Y., Siegel, W. (2008) Worldgraph Approach to Yang-Mills Amplitudes from N=2 Spinning Particle. *Journal of High Energy Physics* 0810: 027.

**Faherty, Jackie,** Burgasser, A. J., Cruz, K. L., Shara, M. M., Walter, F. M., Gelino, C. R. (2009) The Brown Dwarf Kinematics Project (BDKP) I. Proper Motions and Tangential Velocities for a Large Sample of Late-type M, L and T Dwarfs. *ApJ* 139: 1.

**Fong, Chee sheng,** Gonzalez-Garcia, M. C. (2009) Flavoured Soft Leptogenesis. *JHEP* 03: 073.

**Fong, Chee sheng,** Gonzalez-Garcia, M. C. (2008) On Gaugino Contributions to Soft Leptogenesis. *JHEP* 06: 076.

**Gadway, Bryce,** Galvez, E. J., DeZela, F. (2009) Bell-inequality violations with single photons entangled in momentum and polarization. *Journal of Physics B* 42: 015503.

**Kim, Keun-Young,** Zahed, I. (2009) Nucleon-Nucleon Potential from Holography. *JHEP* 0903: 131.

**Kim, Keun-Young,** Zahed, I. (2008) Electromagnetic Baryon Form Factors from Holographic QCD. *JHEP* 0809: 7.

**Kim, Keun-Young,** Sin, S., Zahed, I. (2008) Dense holographic QCD in the Wigner-Seitz approximation. *JHEP* 0809: 1.

- Kim, Keun-Young**, Zahed, I. (2008) Baryonic Response of Dense Holographic QCD. *JHEP 0812*: 75.
- Kim, Keun-Young**, Sin, S., Zahed, I. (2008) Dense and Hot Holographic QCD: Finite Baryonic E Field. *JHEP 0807*: 96.
- Kotur, Marija**, Pearson, B., Matsika, S., Weinacht, T. (2009) Closed-loop learning control of isomerization using shaped ultrafast laser pulses in the deep ultraviolet. *Journal of Chemical Physics 130*: 134311.
- Dusling, K, **Lin Shu**. (2008) Dilepton production from a viscous QGP. *Nucl Phys A 809*: 246-258.
- Bennett, D. A., **Longobardi, Luigi**, Patel, V., Chen, W., Averin, D. V., Lukens, J. E. (2009) Decoherence in rf SQUID qubits. *Quantum Information Processing 8*: 217.
- Brown, G.E., Lee, C.-H., **Moreno-Mendez, Enrique** (2008) LMC X-3 May Be A Relic Of A GRB Similar To Cosmological GRBs. *Astrophysical Journal 685*: 1063.
- Patu, Ionel**, Korepin, V.E., Averin, D.V. ((2008)) One-Dimensional Impenetrable Anyons in Thermal Equilibrium. II. Determinant Representation for the Dynamic Correlation Functions. *J. Phys. A: Math. Theor. 41*: 255205.
- Yang, H.-B., **Rameau, Jonathan**, Johnson, P. D., Valla, T., Tsvetik, A., Gu, G. D. (2008) Emergence of preformed Cooper pairs from the doped Mott insulating state in  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . *Nature (London) 458*: 77.
- Noh, H. -J. , Koh, H., Oh, S. -J., Park, J. -H., Kim, H. -D., **Rameau, Jonathan**, Valla, T. , Kidd, T. E., Johnson, P.D., Hu, Y., Li Q. (2008) Spin-orbit interaction effect in the electronic structure of BiTe observed by angle-resolved photoemission spectroscopy. *European Physics Letters 57006*: 81.
- Ren, Jie**, Vasili, K. S., Yuri, A. P., Dmitri, V. A., Jaw-Shen, T. (in press) Progress towards Reversible Computing with nSQUID Arrays. *IEEE Transactions on Applied Superconductivity*.
- Strauss, Emanuel**, V. M. Abazon et al. [D0 Collaboration]. (2008) ZZ to llvv production in ppbar collisions at  $\sqrt{s} = 1.96$  TeV. *Phys. Rev. D 78*: 072002.
- Mitov, A., Serman, G., **Sung, Ilmo**. (in press) Massive soft anomalous dimension matrix at two loops. *Physical Review D*.
- Almeida, L., Lee, S., Perez, G., **Sung, Ilmo**, Virzi J. (2009) Top quark jets at the LHC. *Physical Review D 79*: 074012.
- Almeida, L., Lee, S., Perez, G., Serman, G., **Sung, Ilmo**, Virzi, J. (2009) Substructure of high-pT jets at the LHC. *Physical Review D 79*: 074017.
- Young, Clint**, Shuryak, E. (2009) Charmonium in strongly coupled quark-gluon plasma. *Physical Review C 79*: 034907.

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

- Allred, Claire Shean**, Reeves, J., Metcalf, H. (2008) Neutral Atom Lithography with Metastable Helium. *International Conference on Atomic Physics*. Storrs, CT.
- Allred, Claire Shean**, Reeves, J., Corder, C., Metcalf, H. (2009) Neutral Atom Lithography with Metastable Helium. *Division of Atomic Molecular and Optical Physics*. Charlottesville, VA.
- Callori, Sara**, Ziegler, B., Sinsheimer, J., Dawber, M. (2009) In-situ x-ray diffraction during sputtered growth of epitaxial ferroelectric thin films. *Metro-Gotham Condensed Matter Meeting*. New York Academy of Sciences, New York, NY.

## Physics and Astronomy

- Callori, Sara**, Ziegler, B., Sinsheimer, J., Dawber, M. (2009) In-situ x-ray diffraction during sputtered growth of epitaxial ferroelectric thin films. *Metro-Gotham Condensed Matter Meeting*. New York Academy of Sciences, New York, NY.
- Clow, Stephen**, Trallero-Herrero, C., Bergeman, T., Weinacht, T. (2008) Strong Field Coherent Control of a Multilevel System. *Gordon Research Conference on Multiphoton Processes*. Tilton, NH.
- Clow, Stephen**, Trallero-Herrero, C., Bergeman, T., Weinacht, T. (2009) Strong Field Atomic Population Transfer. *French Israeli Symposium on Nonlinear and Quantum Optics*. Ein Gedi, Israel.
- Allred, C., Reeves, J., **Corder, Christopher**, Metcalf, H. (2009) Neutral Atom Lithography. *DAMOP*. Charlottesville, VA.
- Faherty, Jackie**, Burgasser, A. J., Bochanski, J., West, A., Cruz, K., Shara, M., Walter, F. (2009) Details On 10 New Wide Common Proper Motion Pairs Containing An Ultracool Dwarf. *AAS 2009*. Long Beach, CA.
- Pertot, D., **Gadway, Bryce**, Greif, D., Schiller, R. D., Schneble, D. (2008) Towards Studying Quantum Spin Systems with Ultracold Bosons in an Optical Lattice. *International Conference on Atomic Physics*. Storrs, CT.
- Gadway, Bryce**, Noe, J. W., Cohen, M. G. (2008) Universal Quantum Gates for Order  $N=1$  Orbital Angular Momentum States. *Laser Science*. Rochester, NY.
- Goodson, J.J.**, on behalf of the ATLAS Liquid Argon Group. (2009) Monitoring of the ATLAS LAr calorimeter. *CHEP'09*. Prague, Czechia.
- Gray, Julia**. (2009) J/Psi- $\rightarrow$ ee Calibration: Selection with 3GeV and 5GeV Electrons. *ATLAS LAr Week*. Marrakech, Morocco .
- Kamin, Jason**. (2008) Dielectron Continuum in p+p Collisions at  $\sqrt{s}=200$ GeV Measured by the PHENIX Experiment at RHIC. *APS/DNP*. Oakland, CA. *Quark Matter 2009*. Knoxville, TN.
- Lin, Shu**. (2008) Gravity Dual of QGP Formation and Thermalization. *Hot Quark 2008*. Aspen, CO.
- Longobardi, Luigi**, Bennett, D., Bluhm, D., Patel, V., Lukens, J. (2008) Measurements of macroscopic resonant tunneling of magnetic flux in a rf SQUID. *Applied Superconductivity Conference*. Chicago, IL.
- Moreno-Mendez, Enrique**. (2008) BHBs As Relics of LS-GRB/HN Explosions. *Invited Talk*. MIT, Cambridge, MA. *Invited Talk*. Harvard-Smithsonian CfA, Cambridge, MA. *Invited Talk*. McGill University, Montreal, QE. (2009) *Invited Talk*. American Museum of Natural History, New York, NY.
- Moreno-Mendez, Enrique**. (2008) BHBs, GRBs and Hypercritical Accretion in M33 X-7. *XIV IAG USP Advanced School in Astrophysics: Theo. & Obs. of Accretion Disks* . Aguas de Sao Pedro, Brazil.
- Moreno-Mendez, Enrique**. (2008) BHBs, GRBs and Hypercritical Accretion in M33 X-7. *6th Huntsville GRB Symposium*. Huntsville, AL. *Tri-State Astronomy Conference*. CUNY, New York, NY.
- Allred, C., **Reeves, Jason**, Corder, C., Metcalf, H. (2009) Neutral Atom Lithography. *DAMOP 2009*. University of Virginia, Charlottesville, VA.
- Vasili, K. S., **Ren Jie**. (2008) Progress towards Reversible Computing with nSQUID Arrays. *Applied Superconductivity Conference*. Chicago, IL.
- Strauss, Emanuel**. (2009) ZZ to llvv production. *Rencontres de Moriond*. La Thuile, Italy.
- Wei, Rui**. (2009) High pT Measurements of Reaction Plane Dependent Jet-suppression and Azimuthal Anisotropy in Au+Au Collisions at  $\sqrt{s_{NN}} = 200$  GeV at PHENIX. *The 21st International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (Quark Matter 2009)*. Knoxville, TN.
- Young, Clint**. (2008) Charmonium in strongly-coupled Quark-Gluon Plasma. *Hot Quarks 2008*. Estes Park, CO.



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

**Huang, Yu-Tin.** (2008) Postdoctoral Fellow. *UCLA Physics*, Los Angeles, CA.

**Kim, Keun-Young.** (2008) Postdoctoral Fellow. *Southampton University*, Southampton, UK.

**Moreno-Mendez, Enrique.** (2008) Research Fellow. *The Argelander-Institut fuer Astronomie (AIfA) at the University of Bonn*, Bonn, Germany.

**Rameau, Jonathan.** (2008) Research Associate. *Brookhaven National Laboratory*, Upton, NY.

# PHYSIOLOGY AND BIOPHYSICS

GRADUATE DIRECTOR: SUZANNE SCARLATA  
DEPARTMENT CHAIR: PETER BRINK

## ❖ Jointly Authored Publications/Research Reports/Reviews

**Shakespeare, T.I.**, Sellitto C, Li L, Rubinos C, Gong X, Srinivas M, White TW. (2009) Interaction between Connexin50 and MAPK Signaling in Lens Homeostasis. *Mol Biol Cell*. [Epub ahead of print]

**Lee, J.R.**, Derosa AM, White TW. (2009) Connexin mutations causing skin disease and deafness increase hemichannel activity and cell death when expressed in *Xenopus* oocytes. *J Invest Dermatol*. 129(4):870-8.

# PSYCHOLOGY

GRADUATE DIRECTOR: SUSAN O'LEARY  
DEPARTMENT CHAIR: ARTHUR SAMUEL

## ❖ Grants, Fellowships and Awards

- Bufferd, Sara.** (2009) Ruth L. Kirschstein National Research Service Award, \$87,132 total direct costs over 3 years. *National Institute of Mental Health*, Bethesda, MD.
- Glenn, C. R.** (2009) Psi Chi Graduate Research Grant, \$1,500. *Psi Chi, the National Honor Society in Psychology*, Chattanooga, TN.
- Glenn, C. R.** (2008) Lizette Peterson-Homer Injury Prevention Grant, Honorable Mention. *Division 54 of the American Psychological Association*, Washington, D.C.
- Hamilton, J. G.** (2009) Diversity Fund Graduate Travel Award, \$500. *Society for Personality and Social Psychology*, Ithaca, NY.
- MacNamara, Annmarie.** (2008) Wisconsin Symposium on Emotion Fellow, Travel Award. *University of Wisconsin*, Madison, WI.
- MacNamara, Annmarie.** (2009) University of Michigan/NIH fMRI Training Course, Travel Award. *University of Michigan*, Ann Arbor, MI.
- Oh, Hwamee.** (2008) Retirees Dissertation Fellowship, \$750. *Department of Psychology*, Stony Brook University, NY.
- Yoneda, Athena.** (2008) SBU Pride Scholarship, \$2,000. Stony Brook University, Stony Brook, NY.

## ❖ Jointly Authored Publications/Research Reports/Reviews

- Barber, S. J., Rajaram, S., & Marsh, E. J.** (2008) Fact learning: How information accuracy, delay, and repeated testing change retention and retrieval experience. *Memory* 16(8): 934-946.
- Barber, S. J., Gordon, R., & Franklin, N.** (in press) Self-relevance and wishful thinking: Facilitation and distortion in source monitoring. *Memory & Cognition*.
- Bell, A. C., & D'Zurilla, T. J.** (in press) Problem solving therapy for depression: A meta-analysis. *Clinical Psychology Review*.
- Bezdek, M. A., & Gerrig, R. J.** (2008) Musical emotions in the context of narrative film. *Behavioral and Brain Sciences* 31(5): 578.
- Yang, H., **Chen, X.**, and Zelinsky, G. J. (in press) A new look at novelty effects: Guiding search away from old distractors. *Attention, Perception, & Psychophysics*.
- Freitas A.L., **Clark S.L.**, Kim J.Y., & Levy S.R. (in press) Action Construal and Affective Experience: When All Goals Are One. *Journal of Research in Personality*.
- Dowling, C. B., Slep, A. M. S., & O'Leary, S. G.** (in press) Understanding Preemptive Parenting: Relations with Toddlers' Misbehavior, Overreactive and Lax Discipline, and Praise. *Journal of Clinical Child and Adolescent Psychology*.
- Hajcak, G., **Dunning, J.**, & Foti, D. (in press) Motivated and controlled attention to emotion: Time-course of the late positive potential. *Clinical Neurophysiology*.

- Hajcak, G., Castille, C., Olvet, D. M., **Dunning, J. P.**, Roohi, J., & Hatchwell, E. (2009) Genetic variation in brain-derived neurotrophic factor (BDNF) and human fear conditioning. *Genes, Brain & Behavior* 8(1): 80-85.
- Hajcak, G., Dunning, J., & **Foti, D.** (in press) Motivated and controlled attention to emotion: Time-course of the late positive potential. *Clinical Neurophysiology*.
- Foti, D.**, and Hajcak, G. (in press) Depression and reduced sensitivity to non-rewards versus rewards: Evidence from event-related potentials. *Biological Psychology*.
- Foti, D.**, Hajcak, G., and Dien, J. (in press) Differentiating neural responses to emotional pictures: Evidence from temporal-spatial PCA. *Psychophysiology*.
- Foley, M. A. & **Foy, J.** (2008) Pictorial encoding effects and memory confusions in the Deese-Roediger-McDermott paradigm: Evidence for the activation of spontaneous imagery. *Memory* 16: 712-727.
- Foy, J. E.** & Gerrig, R. J. (2008) How might literature do harm? *Style* 42: 173-176.
- Glenn, C. R.**, Weinberg, A., & Klonsky, E. D. (in press) Relationship of the borderline symptom list (BSL) to DSM-IV borderline personality disorder criteria assessed by semi-structured interview. *Psychopathology*.
- Klonsky, E. D., & **Glenn, C. R.** (in press) Assessing the functions of non-suicidal self-injury: Psychometric properties of the Inventory of Statements about Self-Injury (ISAS). *Journal of Psychopathology and Behavioral Assessment*.
- Glenn, C. R.**, & Klonsky, E. D. (2009) Social context during non-suicidal self-injury indicates suicide risk. *Personality and Individual Differences* 46: 25-29.
- Hamilton, J. G.**, Lobel, M., & Moyer, A. (in press) Emotional distress following genetic testing for hereditary breast and ovarian cancer: A meta-analytic review. *Health Psychology*.
- Davila, J., Stroud, C. B., Starr, L. R., Miller, M. R., Yoneda, A., & **Hershenberg, R.** (in press) Romantic and sexual activities, parent-adolescent stress, and depressive symptoms among early adolescent girls. *Journal of Adolescence*.
- Hershenberg, R.**, & Malik, J. (2008) Graduate Student's View of Evidence-Based Treatments. *The Clinical Psychologist* 61(2): 3-6.
- Heyman, R. E., **Hunt, A. N.**, Malik, J., & Slep, A. M. S. (in press) Desired Change in Couples: Gender Differences and Communication. *Journal of Family Psychology*.
- Gerrig, R. J., & **Jacovina, M. E.** (in press) Reader participation in the experience of narrative. In B. H. Ross (Ed.), *The psychology of learning and motivation Vol. 51*. London: Elsevier.
- Freitas A.L., Clark S.L., **Kim J.Y.**, & Levy S.R. (in press) Action Construal and Affective Experience: When All Goals Are One. *Journal of Research in Personality*.
- Moyer, A., Schneider, S., **Knapp-Oliver, S.K.**, & Sohl, S.J. (in press) Published versus unpublished dissertations in psycho-oncology intervention research. *Psycho-Oncology*.
- Moyer, A., Sohl, S.J., **Knapp-Oliver, S.K.**, & Schneider, S. (in press) Characteristics and methodological quality of 25 years of research investigating psychosocial interventions for cancer patients. *Cancer Treatment Reviews*.
- Owen, D. J., **Knickerbocker, L.**, Heyman, R. E., & Slep, A. M. S. (in press) Families, violence, and abuse. In J. H. Bray & M. Stanton, (Eds.) *Handbook of Family Psychology*. Hoboken, NJ: Blackwell Publishing.
- Hershenberg, R., & **Malik, J.** (2008) Graduate Student's View of Evidence-Based Treatments. *The Clinical Psychologist* 61(2): 3-6.

- Heyman, R. E., Hunt, A. N., **Malik, J.**, & Slep, A. M. S. (in press) Desired Change in Couples: Gender Differences and Communication. *Journal of Family Psychology*.
- Mitnick, D. M., Heyman, R. E., **Malik, J.**, & Slep, A. M. S. (in press) The Differential Association between Change Request Qualities and Resistance, Problem Resolution, and Relationship Satisfaction. *Journal of Family Psychology*.
- Heyman, R. E., **Malik, J.**, & Slep, A. M. S. (in press) Analogue research. In I. Weiner and E. Craighead (Eds.), *Encyclopedia of Psychology (4th Ed.)*. New York: John Wiley and Sons.
- Davila, J., Stroud, C. B., Starr, L. R., **Miller, M. R.**, Yoneda, A., & Hershenberg, R. (in press) Romantic and sexual activities, parent-adolescent stress, and depressive symptoms among early adolescent girls. *Journal of Adolescence*.
- Mitnick, D. M.**, Heyman, R. E., Malik, J., & Slep, A. M. S. (in press) The Differential Association between Change Request Qualities and Resistance, Problem Resolution, and Relationship Satisfaction. *Journal of Family Psychology*.
- Mitnick, D.** & Heyman, R. E. (2008) Couples approaches to treating intimate partner violence. In J. Keeling & T. Mason (Eds.), *Domestic Violence: A multi-professional approach for healthcare practitioners*. Berkshire, England: Open University Press/McGraw Hill.
- Mitnick, D. M.**, Heyman, R. E. & Slep, A. M. S. (in press) Changes in Relationship Satisfaction Across the Transition to Parenthood: A Meta-Analysis. *Journal of Family Psychology*.
- Oh, H.** & Leung, H. –C. (in press) Specific and non-specific neural activity during selective processing of visual representations in working memory. *Journal of Cognitive Neuroscience*.
- Yang, H., **Oh, H.**, Leung, H.-C., & Zelinsky, G. J. (2008) An effect of WM load on visual search guidance: Evidence from eye movements and functional brain imaging. *Journal of Vision* 8(6): 316a.
- Olvet, D. M.**, & Hajcak, G. (in press) The stability of error-related brain activity with increasing trials. *Psychophysiology*.
- Hajcak, G., Castille, C., **Olvet, D. M.**, Dunning, J. P., Roohi, J., & Hatchwell, E. (2009) Genetic variation in brain-derived neurotrophic factor (BDNF) and human fear conditioning. *Genes, Brain & Behavior* 8(1): 80-85.
- Owen, D. J.**, Knickerbocker, L., Heyman, R. E., & Slep, A. M. S. (in press) Families, violence, and abuse. In J. H. Bray & M. Stanton (Eds.), *Handbook of Family Psychology*. Hoboken, NJ: Blackwell Publishing.
- Owen, D. J.**, Slep, A. M. S., & Heyman, R. E. (in press) The association of promised consequences with child compliance to maternal directives. *Journal of Clinical Child and Adolescent Psychology*.
- Engle-Friedman, M., **Riela, S.** & Strothers, E. (2008) Objective and subjective effort as a function of sleep and energy. *Sleep and Hypnosis* 10: 61-72.
- Schneider, S.**, Iannotti, R.J., Nansel, T.R. Haynie, D.L., Sobel, D.O., & Simons-Morton, B. (in press) Assessment of an illness-specific dimension of self-esteem in youths with type 1 diabetes. *Journal of Pediatric Psychology*.
- Moyer, A., Sohl, S.J., Knapp-Oliver, S.K., & **Schneider, S.** (in press) Characteristics and methodological quality of 25 years of research investigating psychosocial interventions for cancer patients. *Cancer Treatment Reviews*.
- Moyer, A., **Schneider, S.**, Knapp-Oliver, S.K., & Sohl, S.J. (in press) Published versus unpublished dissertations in psycho-oncology intervention research. *Psycho-Oncology*.
- Broderick, J.E., Schwartz, J.E., **Schneider, S.**, Stone, A.A. (in press) Can end-of-day reports replace momentary assessment of pain and fatigue? *Journal of Pain*.

## Psychology

- Moyer, A., **Sohl, S.J.**, Knapp-Oliver, S.K., & Schneider, S. (in press) Characteristics and methodological quality of 25 years of research investigating psychosocial interventions for cancer patients. *Cancer Treatment Reviews*.
- Moyer, A., Schneider, S., Knapp-Oliver, S.K., & **Sohl, S.J.** (in press) Published versus unpublished dissertations in psycho-oncology intervention research. *Psycho-Oncology*.
- Davila, J., Steinberg, S. J., Miller, M. R., Stroud, C. B., **Starr, L.**, & Yoneda, A. (2008) Assessing romantic competence in adolescence: The Romantic Competence Interview. *Journal of Adolescence* 32(1): 55-75.
- Davila, J., Stroud, C. B., & **Starr, L. R.** (2008) Depression in couples and families. In I. Gotlib & C. Hammen (Eds.), *Handbook of Depression, 2nd Ed.* New York: Guilford Press.
- Davila, J., Stroud, C. B., **Starr, L. R.**, Miller, M. R., Yoneda, A., & Hershenberg, R. (in press) Romantic and sexual activities, parent-adolescent stress, and depressive symptoms among early adolescent girls. *Journal of Adolescence*.
- Starr, L. R.**, & Davila, J. (2008) Excessive reassurance seeking, depression, and interpersonal rejection: A meta-analytic review. *Journal of Abnormal Psychology* 117(4): 762-775.
- Davila, J., La Greca, A. M., **Starr, L. R.**, & Landoll, R. (in press) Adolescent Anxiety. In J. G. Beck (Ed.), *Interpersonal processes in anxiety disorders*. Washington, D.C.: American Psychological Association.
- Davila, J., Steinberg, S. J., Miller, M. R., **Stroud, C. B.**, Starr, L., & Yoneda, A. (2008) Assessing romantic competence in adolescence: The Romantic Competence Interview. *Journal of Adolescence* 32(1): 55-75.
- Davila, J., **Stroud, C. B.**, Starr, L. R., Miller, M. R., Yoneda, A., & Hershenberg, R. (in press) Romantic and sexual activities, parent-adolescent stress, and depressive symptoms among early adolescent girls. *Journal of Adolescence*.
- Stroud, C. B.**, & Davila, J. (2008) The relationship between depression and pubertal development in early adolescence: The roles of romantic competence and romantic experiences. *Journal of Youth and Adolescence* 37: 953-956.
- Stroud, C. B.**, Davila, J., & Moyer, A. (2008) The relationship between stress and depression in first onsets versus recurrences: A meta-analytic review. *Journal of Abnormal Psychology* 117: 206-213.
- Torpey, D.C.**, & Klein, D.N. (2008) Chronic depression: Update on classification and treatment. *Current Psychiatry Reports* 10: 458 – 464.
- 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.
- Tsapelas, I.**, Aron, A., & Orbuch, T. (2009) Marital Boredom Now Predicts Less Satisfaction 9 Years Later. *Psychological Science* 20(5): 529-533.
- Glenn, C. R., **Weinberg, A.**, & Klonsky, E. D. (in press) Relationship of the borderline symptom list (BSL) to DSM-IV borderline personality disorder criteria assessed by semi-structured interview. *Psychopathology*.
- Yang, H.**, Chen, X., and Zelinsky, G. J. (in press) A new look at novelty effects: Guiding search away from old distractors. *Attention, Perception, & Psychophysics*.
- Yang, H.**, Oh, H., Leung, H.-C., & Zelinsky, G. J. (2008) An effect of WM load on visual search guidance: Evidence from eye movements and functional brain imaging. *Journal of Vision* 8(6): 316a.
- Davila, J., Stroud, C. B., Starr, L. R., Miller, M. R., **Yoneda, A.**, & Hershenberg, R. (in press) Romantic and sexual activities, parent-adolescent stress, and depressive symptoms among early adolescent girls. *Journal of Adolescence*.

Davila, J., Steinberg, S. J., Miller, M. R., Stroud, C. B., Starr, L., & Yoneda, A. (2008) Assessing romantic competence in adolescence: The Romantic Competence Interview. *Journal of Adolescence* 32(1): 55-75.

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

- Barber, S. J.**, Franklin, N., Naka, M., & Yoshimura, H. (2008) Higher social intelligence can impair memory. *The 49<sup>th</sup> Annual Meeting of the Psychonomic Society*. Chicago, IL.
- Barber, S. J.**, Rajaram, S., & Aron, A. (2008) Encoding variations and collaborative inhibition in group memory. *The 49<sup>th</sup> Annual Meeting of the Psychonomic Society*. Chicago, IL.
- Rajaram, S., **Barber, S. J.**, & Aron, A. (2009) Collaboration during encoding impairs memory. *The 21<sup>st</sup> Annual Meeting of the American Psychological Society*. San Francisco, CA.
- Waters, T., **Cizmeli, C.**, & Turan, B. (2009) Secure base script knowledge and the ability to identify secure base content and structure in social interactions. *Society for Research in Child Development*. Denver, CO.
- Torpey, D.C., Bruder, G.E., **Dougherty, L.R.**, Hayden, E.P., Kim, J., McFarland, B.R., Murphy, F.E., Park, J., Rose, S., Shankman, S.A., Tenke, C.E., & Klein, D.N. (2008) Associations Between maternal depression, the serotonin transporter promoter region polymorphism and electroencephalographic asymmetries in pre-school aged children. *48th annual meeting of the Society for Psychophysiological Research*. Austin, TX. (poster)
- Foti, D.**, Hajcak, G., & Dien, J. (2008) Parsing emotion: A temporospatial analysis of ERPs during affective picture processing. *Society for Psychophysiological Research*. Austin, TX.
- MacNamara, A., **Foti, D.**, Hajcak, G. (2008) Picture and Context: The Relative Effects of Intrinsic and Extrinsic Factors on the Late Positive Potential. *48th annual meeting of the Society for Psychophysiological Research*. Austin, TX.
- Galati, A.**, & Samuel, A. G. (2008) The role of speech-gesture congruency and delay in remembering action events. *49<sup>th</sup> Annual Meeting of the Psychonomic Society*. Chicago, IL. (poster)
- Kuhlen, A. K., **Galati, A.**, Brennan, S. E. (2008) Speakers' adjustments to a distracted audience: How speakers' expectations and addressees' feedback shape narrating and gesturing. *Language, Communication, & Cognition*. Brighton, UK.
- Kuhlen, A.K., **Galati, A.**, & Brennan, S.E. (2008) Speakers' adjustments to a distracted audience: How speakers' expectations and addressees' feedback shape narrating and gesturing. *International conference on Language, Communication, and Cognition*. Brighton, UK.
- Kuhlen, A., **Galati, A.** (2008) Organizer. *Gesture Focus Group Speakers' Series*. Stony Brook University, Stony Brook, NY.
- Glenn, C. R.**, & Klonsky, E. D. (2008) Not So Fast! A multimethod analysis of impulsivity in a self-injuring population. *42<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies*. Orlando, FL. (poster)
- Glenn, C. R.**, & Klonsky, E. D. (co-presenters) (2008) Novel approaches to the assessment of key constructs in non-suicidal self-injury. *Symposium talk, 3<sup>rd</sup> annual meeting of the International Society for the Study of Self-Injury*. Cambridge, MA.
- Glenn, C. R.**, & Klonsky, E. D. (2008) Towards the comprehensive measurement of self-injury functions: Development and psychometric properties of the inventory of statements about self-injury (ISAS). *3<sup>rd</sup> annual meeting of the International Society for the Study of Self-Injury*. Cambridge, MA. (poster)

- Hamilton, J. G.** & Lobel, M. (2009) Optimism and social network exposure to disease are related to women's perceptions of disease risk. *Annual meeting of the Society for Personality and Social Psychology*. Tampa, FL.
- Jacovina, M. E.**, & Gerrig, R. J. (2008) How readers experience characters' decisions. *49th Annual Meeting of the Psychonomic Society*. Chicago Hilton Hotel, Chicago, IL.
- Swets, B., **Jacovina, M. E.**, & Gerrig, R. J. (2008) Individual differences in the planning scope of language production. *49th Annual Meeting of the Psychonomic Society*. Chicago Hilton Hotel, Chicago, IL.
- Jose, A.**, O'Leary, K.D., Rajaram, S., & Williams, M.C. (2009) Memory of partner interactions: Reality-based or schema dependent? *40th annual meeting of the Society for Psychotherapy Research*. Santiago, Chile.
- Jose, A.**, Rajaram, S., O'Leary, K.D., & Williams, M.C. (2008) Rating and recall of partner related stimuli as a function of relationship satisfaction. *42nd annual meeting of the Association for Behavioral and Cognitive Therapies*. Orlando, FL.
- Moyer, A., Sohl, S.J., **Knapp-Oliver, S.K.**, & Schneider, S. (2009) Methodological quality of 25 years of research investigating psychosocial interventions for cancer patients. *Society of Behavioral Medicine Annual Meeting*. Montreal, QE.
- Kuhlen, A.K.**, Galati, A., & Brennan, S. E. (2008) Speakers' adjustments to a distracted audience: How speakers' expectations and addressees' feedback shape narrating and gesturing. *International conference on Language, Communication, and Cognition*, Brighton, UK.
- Kuhlen, A.**, Galati, A. (2008) Organizer. *Gesture Focus Group Speakers' Series*. Stony Brook University, Stony Brook, NY.
- Kuhlen, A. K.**, Brennan, S. E. (2008) Anticipating Distracted Addressees: How Speakers' Expectations and Addressees' Feedback Influence Storytelling. *XXIX International Congress of Psychology*. Berlin, Germany.
- Kuhlen, A. K.**, Galati, A., Brennan, S. E. (2008) Speakers' adjustments to a distracted audience: How speakers' expectations and addressees' feedback shape narrating and gesturing. *Language, Communication, & Cognition*. Brighton, UK.
- Kuhlen, A. K.**, Brennan, S. E. (2008) Addressees Shape Speaking: When Confederates Might Be Hazardous to Your Data. *49th Annual Meeting of the Psychonomic Society*. Chicago, IL.
- MacNamara, A.**, Foti, D., Hajcak, G. (2008) Picture and Context: The Relative Effects of Intrinsic and Extrinsic Factors on the Late Positive Potential. *48th annual meeting of the Society for Psychophysiological Research*. Austin, TX.
- Torpey, D.C., Bruder, G.E., Dougherty, L.R., Hayden, E.P., Kim, J., **McFarland, B.R.**, Murphy, F.E., Park, J., Rose, S., Shankman, S.A., Tenke, C.E., & Klein, D.N. (2008) Associations Between maternal depression, the serotonin transporter promoter region polymorphism and electroencephalographic asymmetries in pre-school aged children. *48th annual meeting of the Society for Psychophysiological Research*. Austin, TX. (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.
- 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.
- Oh, H.** & Leung, H.-C. (2008) Effect of pronunciation length on visual object working memory: behavioral and fMRI studies. *2008 Annual Meeting of the Society for Neuroscience*. Washington, D.C.
- Olvet, D.M.** & Hajcak, G. (2008) The number of errors and stability of the error-related negativity. *Annual Meeting of the Society for Psychophysiological Research*. Austin, TX.



- Riela, S.,** & Aron, A. (2009) Importance and remembrance of falling in love. *Annual meeting of the Society of Personality and Social Psychology*. Tampa, FL. (poster)
- Riela, S.,** & Engle-Friedman, M. (2008) Total sleep, optimal sleep and percent of optimal sleep measurements. *Annual meeting of the Associated Professional Sleep Societies*. Baltimore, MD. (poster)
- Selterman, D., **Riela, S.,** & Aron, A. (2009) Dreams and social bonding: Relationship quality and extra-dyadic partners in dream reports. *Annual meeting of the Society of Personality and Social Psychology*. Tampa, FL. (poster)
- Del Vecchio, T., O'Leary, S. G., & **Rhoades, K. A.** (2009) Does anger management enhance the effects of parent training? A tailored treatment for angry mothers. *Biennial meeting of the Society for Research in Child Development*. Denver, CO. (poster)
- Rhoades, K. A.,** Del Vecchio, T., & O'Leary, S. G. (2009) Correspondence among observational, interview, and questionnaire methods of assessing parenting and child behavior problems. *Biennial meeting of the Society for Research in Child Development*. Denver, CO. (poster)
- Del Vecchio, T., & **Rhoades, K. A.** (2008) Dyadic reciprocity: Maternal discipline strategies and child misbehavior in aggressive and non-aggressive mother-toddler dyads. *Annual meeting of the Association for Behavioral and Cognitive Therapies*. Orlando, FL. (poster)
- Rhoades, K. A.,** & Del Vecchio, T. (2008) Mothers' perceptions of their children's language ability: Relations with parenting practices and beliefs. *Annual meeting of the Association for Behavioral and Cognitive Therapies*. Orlando, FL. (poster)
- Rodden, J.M.,** Fivecoat, H.C., & Aron, A. (2009) The Benefits of Partner Support for Self-Expansion Opportunities. *Society for Personality and Social Psychology Annual Meeting*. Tampa, FL. (poster)
- 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)
- 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.
- Moyer, A., Sohl, S.J., Knapp-Oliver, S.K., & **Schneider, S.** (2009) Methodological quality of 25 years of research investigating psychosocial interventions for cancer patients. *Society of Behavioral Medicine Annual Meeting*. Montreal, QE.
- Selterman, D.,** Riela, S., & Aron, A. (2009) Dreams and social bonding: Relationship quality and extra-dyadic partners in dream reports. *Annual meeting of the Society of Personality and Social Psychology*. Tampa, FL. (poster)
- Selterman, D.** & Drigotas, S. (2008) Self-reports of attachment and emotional content of dreams. *Annual Meeting of the Society for Personality and Social Psychology*. Albuquerque, NM.
- Moyer, A., **Sohl, S.J.,** Knapp-Oliver, S.K., & Schneider, S. (2009) Methodological quality of 25 years of research investigating psychosocial interventions for cancer patients. *Society of Behavioral Medicine Annual Meeting*. Montreal, QE.
- 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.
- Starr, L.R.,** & Davila, J. (2008) Does comorbidity distort interpersonal functioning's prospective relationship to social anxiety and depressive symptoms? *Annual Meeting of the Association of Behavioral and Cognitive Therapies, Symposium*. Orlando, FL.

## Psychology

- Starr, L.R.**, & Davila, J. (2008) Anxiety-Focused Rumination and Hopelessness as Mechanisms of Anxiety-Depression Comorbidity: A Pilot Study. *Annual Meeting of the Association of Behavioral and Cognitive Therapies*. Orlando, FL. (poster)
- Starr, L.R.**, & Davila, J. (2008) Gender Differences in Adolescent Romance and its Relationship to Depressive Symptoms. *Annual Meeting of the Association of Behavioral and Cognitive Therapies*. Orlando, FL. (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.
- 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.
- 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.
- Torpey, D.C.**, Bruder, G.E., Dougherty, L.R., Hayden, E.P., Kim, J., McFarland, B.R., Murphy, F.E., Park, J., Rose, S., Shankman, S.A., Tenke, C.E., & Klein, D.N. (2008) Associations Between maternal depression, the serotonin transporter promoter region polymorphism and electroencephalographic asymmetries in pre-school aged children. *48th annual meeting of the Society for Psychophysiological Research*. Austin, TX. (poster)
- Tsapelas, I.**, (2009) Interest In Alternative Romantic Partners Across Cultures, Sexual Orientation, and Gender. *Society for Personality and Social Psychology*. Tampa, FL.
- Yang, H., Oh, H.**, Leung, H.-C., & Zelinsky, G. J. (2008) An effect of WM load on visual search guidance: Evidence from eye movements and functional brain imaging. *Abstracts for 8th Annual Meeting of the Vision Sciences Society (p. 93)*. Naples, FL.
- Y. Yi**, H.-C. Leung (2008) The cortical representation of multiple visual items in working memory. *Society for Neuroscience*. Washington, D.C.
- Yoneda, A.** & Davila, J. (2008) Interracial and Intra-racial Dating Couples: Differences in Daily Relationship Functioning. *Annual meeting of Association for Behavioral and Cognitive Therapies*. Orlando, FL. (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.
- 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.

### ❖ Post-Doctorates Obtained And Professional Appointments

- Hamilton, J. G.** (2009) Postdoctoral Fellow. Cancer Prevention Fellowship Program, *National Cancer Institute*, Rockville, MD.
- Olvet, Doreen M.** (2009) Research Fellow. Department of Psychiatry, *North Shore-Long Island Jewish Health System*, Glen Oaks, NY.
- Owen, Daniela.** (2009) Postdoctoral Fellow. Mental Health Services, *Kaiser Permanente*, Walnut Creek, CA.

**Stroud, Catherine.** (2009-2011) Dr. John J. B. Morgan Fellowship. The Family Institute, *Northwestern University*, Evanston, IL.

❖ **Internships Appointments**

**Jose, Anita.** (2009-2010) Psychology Intern, Adult Specialization. *Montefiore Medical Center (Albert Einstein College of Medicine)*, Bronx, 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.

**Mitnick, Danielle.** (2009-2010) Intern. *Northport VA*, Northport, NY.

**Starr, Lisa.** (2009-2010) Pre-Doctoral Internship Appointment. Department of Psychiatry, *University of Illinois-Chicago*, Chicago, IL.

**Stroud, Catherine.** (2008-2009) Clinical Psychology Intern. Department of Psychiatry, *University of Wisconsin-Madison*, Madison, WI.

**Torpey, Dana.** (2009-2010) Intern. *University of California at San Diego/ VA Consortium*, San Diego, CA.

**Yoneda, Athena.** (2009 – 2010) Pre-doctoral clinical psychology intern. *National Center for PTSD, Department of Veterans Affairs, Pacific Islands Health Care System*, Honolulu, HI.

# SOCIAL WELFARE

GRADUATE DIRECTOR: JOEL BLAU

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

**Kim, Karina.** (2009) Korean American Male Roles: Privilege or Burden? From Understanding to Change: Bridging Generations. *Korean American Students Conference (KASCON) 23*. Philadelphia, PA.

**Kim, Karina.** (2008) Understanding the Context of Depression in Korean and Chinese American Males Based on Role Status and Experience within the Broader Culture of America. *Depression on College Campuses - University of Michigan*. Ann Arbor, MI. (poster)

# SOCIOLOGY

GRADUATE DIRECTOR: TIMOTHY P. MORAN  
DEPARTMENT CHAIR: DIANE BARTHEL-BOUCHIER

## ❖ Grants, Fellowships and Awards

- Coston, Bethany.** (2008) Lloyd G. Balfour Fellowship, \$1,000. *North American Interfraternal Foundation*, Carmel, IN.
- Coston, Bethany.** (2008) Emily and Eldridge Lowe Fund Scholarship, \$1,500. *Phi Mu Foundation*, Peachtree City, GA.
- Coston, Bethany.** (2009) Miriam Shelden Fellowship, \$3,000. *National Alpha Lambda Delta*, Macon, GA.
- Esparza, Louis.** (2008) American Sociological Association Minority Fellowship, \$15,000. *American Sociological Association*, Washington, D.C.
- Esparza, Louis.** (2008) W. Burghardt Turner Summer Research Grant, \$3,000. *Stony Brook University*, Stony Brook, NY.
- Esparza, Louis** (2008) Beatrice and Sidney Webb Graduate Student Award. *Sociologists Without Borders*, Chapel Hill, NC.
- Gonzalez, Gabriela.** (2008) Fulbright Grant, \$11,000. *Fulbright Commission*, Montevideo, Uruguay.
- Gonzalez, Gabriela.** (2008) World Fellowship, \$4,000. *Delta Kappa Gamma International Honor Society*, Austin, TX.
- Gonzalez, Gabriela.** (2008) BARSAscholarship, \$3,000. *De Sa InterAmerican Foundation*, Brasilia, Brazil.
- Gonzalez, Gabriela.** (2009) 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.
- Joseph, Lauren.** (2009) Faculty-Staff Fellowship Award, \$7,500. *Stony Brook University*, Stony Brook, NY.
- Joseph, Lauren.** (2009) The David Street Award for the best qualitative and/or theory paper, \$100. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Lapegna, Pablo.** (2009) Dissertation Proposal Development Fellowship, \$5,000. *Social Science Research Council*, Brooklyn, NY.
- Maynard, Gary.** (2009) President's Award for Excellence in Teaching by a Graduate Student, \$500. *Stony Brook University*, Stony Brook, NY.
- Murray, Josh.** (2009) The Hanan Selvin Award for the best quantitative and/or methodological paper, \$100. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Shor, Eran.** (2009) The Mildred and Herbert Weisinger Dissertation Fellowship, \$10,000. *Stony Brook University*, Stony Brook, NY.
- Shor, Eran.** (2009) The Judith Tanur Sociology Dissertation Fellowship, \$3,300. *Department of Sociology*, Stony Brook University, Stony Brook, NY.
- Shor, Eran.** (2008) Best Graduate Student Paper Award, \$200. Section on Race, Gender, and Class, *American Sociological Association*, Boston, MA.

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

- Bugyi, Paul.** (in press) The Role of Cultural Capital in Health Outcomes: The Case of Hemodialysis Patient Compliance. In Jennie Kronenfeld (Ed.), *Research in the Sociology of Healthcare, Vol. 27*. Bingley, UK: Emerald.
- Esparza, Louis.** (2009) Citizenship: Discourse, Theory and Transnational Prospects. *Contemporary Sociology* 38(1):60-61.
- Joseph, Lauren.** (2008) Finding Space Beyond Variables: An Analytical Review of Urban Space and Social Inequalities. *Spaces of Difference* 1(2): 58-79.
- Kennedy, Amanda.** (in press) Book review of *Criminal Intimacy: Prison and the Uneven History of Modern American Sexuality* by Regina Kunzel. *Gender & Society*.
- Lal, Prita.** (in press) Race and Gender: Domestic Labor in the Global City. *Man in India*.
- Lal, Prita.** (in press) Book review of *Homosexual Africa? Homosexual Africa: The History of an Idea from the Age of Exploration to the Age of AIDS* by Marc Epprecht. *Sexualities*.
- Lapegna, Pablo.** (in press) Book review of *El Alto, Rebel City: Self and Citizenship in Andean Bolivia* by Sian Lazar. *Hispanic American Historical Review*.
- Lapegna, Pablo.** (in press) Ethnographers of the World ... United? Current Debates on the Ethnographic Study of "Globalization." *Journal of World-Systems Research*.
- Matthew, Mahler.** (2008) Sociologizing the Subject/Object Divide: Toward a Socioanalytic Understanding of Passions. *Perspectives – ASA Theory Section Newsletter* 30(3): 5-11.
- Murray, Josh.** (in press) Direct-to-Consumer Prescription Drug Advertising in a Global Context: A Comparison between New Zealand and the United States. *Salute e Societa*.
- Sher, Anna.** (2008) Privatization and Corporate Reforms in Post-Soviet Tatarstan. In Y. Atasoy (Ed.), *Hegemonic Transitions, the State and Crisis in Neoliberal Capitalism*. London and New York: Routledge.
- Shor, Eran.** (in press) Book Review of *Israel and the Family of Nations: The Jewish Nation-State and Human Rights* by Alexander Jakobson and Amnon Rubinstein. *Israel Studies Forum*.

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

- Lapegna, Pablo** and Page Poma, F. (2008) Book review of *Apuntes hacia una Sociología Comparada de la Marginalidad Urbana [Notes on a Comparative Sociology of Urban Marginality]* by Loïc Wacquant. *Los Condenados de la Ciudad. Gueto, Periferias y Estado [Urban Outcasts]*. CIESO-UNR: Rosario Argentina.
- Lapegna, P. and **Page Poma, Fernanda.** (2008) Book review of *Apuntes hacia una Sociología Comparada de la Marginalidad Urbana [Notes on a Comparative Sociology of Urban Marginality]* by Loïc Wacquant. *Los Condenados de la Ciudad. Gueto, Periferias y Estado [Urban Outcasts]*. CIESO-UNR: Rosario Argentina.
- Dufour, G., Chami, N. and **Page, Fernanda.** (2008) *El Rol de los Supervisores e Inspectores en el Gobierno del Sistema Educativo Argentino [The Role of Supervisors and Inspectors in the Government of the Argentine Educational System]*. Buenos Aires, Argentina: Aique.
- Shor, Eran** and Simchai, D. (in press) Incest Avoidance, the Incest Taboo, and Social Cohesion: Revisiting Westermarck and the Case of the Israeli Kibbutzim. *The American Journal of Sociology*.

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

- Akin, Afife Idil.** (2009) Self-perception of East through Western Fantasies: Belly Dancing Classes in Istanbul. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Bugyi, Paul.** (2008) Cultural Capital and Educational Attainment: A Critique of Current Research. *103rd Annual Meeting of the American Sociological Association*. Boston, MA.
- Caputo-Levine, Deirdre.** (2009) Arguing Science, Creating Race: The 2005 FDA Approval Hearings for BiDil. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Caputo-Levine, Deirdre.** (2009) Reconstructing Events: Raced Discourse and Coverage of Police Shootings in New York City. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Coston, Bethany.** (2009) White Flight: Race Relations in Muskegon, MI, 1923-2008. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Curreli, Misty.** (2009) Yoga Will Cure Everything Except Problems Created by Yoga: Negotiations of Pain and Injury when Yoga Hurts. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Esparza, Louis.** (2009) Hostages & Human Rights: Framing Violations in the International Setting. *Columbia University Center for Human Rights*. New York, NY.
- Esparza, Louis.** (2009) Grassroots Human Rights Activism in Contemporary Colombia. *Alpha Kappa Delta Induction Ceremony*. Department of Sociology, SUNY Old Westbury, Old Westbury, NY.
- Esparza, Louis.** (2008) Movimiento de Trabajadores de la Industria de la Caña 14 Junio [The June 14 Sugarcane Workers Movement]. *Universidad del Valle*. Cali, Colombia.
- Esparza, Louis.** (2008) Human Rights in Colombia. *Ideas & Action: Building a Human Rights Agenda Conference*. Boston, MA.
- Esparza, Louis.** (2008) Human Rights Law & Mobilization in Colombia, Peru & Venezuela. *Pacific Sociological Association Annual Meeting*. Portland, OR.
- Gonzalez, Gabriela.** (2009) Retropia: An Analysis of the Changing Relationship Between Youth and Politics in Uruguay. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Joseph, Lauren.** (2008) Urban Space and Social Inequality: A Spatial Analysis of Race, Class, Sexuality, and Gender in the City. *103rd Annual Meeting of the American Sociological Association Conference*. Boston, MA.
- Kennedy, Amanda.** (2008) Yippie is the Sound of Surging through the Street. *103rd Annual Meeting of the American Sociological Association Conference*. Boston, MA.
- Kimmel, M. and **Kalish, Rachel.** (2008) Hook Ups and Masculinity Among College Students: Evidence from the College Social Life Survey. *103rd Annual Meeting of the American Sociological Association Conference*. Boston, MA.
- Kalish, Rachel.** (2009) Sexual Behaviors in Collegiate Hook Ups: Evidence from the College Social Life Survey. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Kim, Soyon.** (2009) Global Production Chain and the Social Status of Women in Thailand: Changes and Continuities. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Lal, Prita.** (2009) Marxian Analysis of Domestic Labor. *79th Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Leckband, Christopher.** (2008) Sweden's Ascent in the World-System: A Historical Case Study. *103rd Annual Meeting of the American Sociological Association Conference*. Boston, MA.

## Sociology

- Llewellyn, Cheryl.** (2008) Tug of War: An Analysis of the Debate over Sex Education in Montgomery County. *103<sup>rd</sup> Annual Meeting of the American Sociological Association*. Boston, MA.
- Llewellyn, Cheryl.** (2008) Heteronormative Borders: The United States, a History of Exclusion, and the Case of John Richard. *103<sup>rd</sup> Annual Meeting of the American Sociological Association Conference*. Boston, MA.
- Mahler, Matthew.** (2008) Reconstructing the Political Lebenswelt: How Politicos Think and Feel about their Craft. *Politics and Protest Workshop*. CUNY Graduate Center, New York, NY.
- Mahler, Matthew.** (2008) Sociologizing the Subject/Object Divide: Towards a Socio-Analytic Understanding of Passions. *103<sup>rd</sup> Annual Meeting of the American Sociological Association Conference*. Boston, MA.
- Murray, Josh.** (2008) Direct-to-Consumer Prescription Drug Advertising in a Global Context: A Comparison between New Zealand and the United States. *103<sup>rd</sup> Annual Meeting of the American Sociological Association*. Boston, MA.
- Pandolfelli, Lauren.** (2009) Gender and Collective Action: A Conceptual Framework for Analysis. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Page Poma, Fernanda.** (2009) A Worker's Center as Organization: From Mobilization to Survival. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Peun, Haryun.** (2009) Ballet, Male Dancers and their Embodied Masculinities: The Case of Professional Classic Ballet Dancers in Korea. *Man Enough: An Interdisciplinary New York University Graduate Student Colloquium on Masculinity*. New York, NY.
- Roelfs, David** and Shor, E. (2008) Social Contact, Social Integration, and All-Cause Mortality: A Meta-Analysis. *103<sup>rd</sup> Annual Meeting of the American Sociological Association*. Boston, MA.
- Roelfs, David,** Shor, E., Sandberg, N., Santiago, O., and Osorio, N. (2009) Social Determinants of Survival: A Cross-National Comparison. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Savio, Gianmarco.** (2009) The Clash of Representations: National Identity and Multiculturalism in a Globalizing World. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Sher, Anna.** (2009) Unthinkable Possibilities under Neoliberalism: Codification of the Shareholder Form and Class Power in Russia. *The 80<sup>th</sup> Annual Meeting of the Pacific Sociological Association*. San Diego, CA.
- Shor, Eran.** (2009) Between Existence and Coexistent: Arab Athletes in the Hebrew Media. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Shor, Eran** and Santiago, O. (2009) Human Reproduction and Longevity: A Comparative Analysis. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Shor, Eran** and Santiago, O. (2009) Immigration and Mortality: A Cross National Comparison. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Shor, Eran.** (2008) Social Contact, Social Support, Social Integration, and All-Cause Mortality: A Meta-Analysis. *103<sup>rd</sup> Annual Meeting of the American Sociological Association*. Boston, MA.
- Roelfs, D. and **Shor, Eran.** (2008) Social Contact, Social Support, Social Integration, and All-Cause Mortality: A Meta-Analysis. *103<sup>rd</sup> Annual Meeting of the American Sociological Association*. Boston, MA.
- Roelfs, D., **Shor, Eran,** Sandberg, N., Santiago, O., and Osorio, N. (2009) Social Determinants of Survival: A Cross-National Comparison. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.
- Tyagi, Juhi.** (2009) Wages and Dilemmas to Women's' Empowerment. *79<sup>th</sup> Annual Meeting of the Eastern Sociological Society*. Baltimore, MD.



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

- Boussios, Emanuel.** (2008) Visiting Assistant Professor. Department of Sociology, *Hofstra University*, Hempstead, NY.
- Esparza, Louis.** (2009) Editorial Board. *Societies Without Borders*, Brill Academic Publishers, Boston, MA.
- Kutz-Flamenbaum, Rachel.** (2008) Assistant Professor. Department of Sociology, *University of Pittsburgh*, Pittsburgh, PA.
- Mahler, Matthew.** (2008) Managing Editor. American Sociological Association Rose Monograph Series in Sociology. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Maruoka, Etsuko.** (2008) Instructor. Department of Social Sciences, *Suffolk Community College*, Selden, NY.
- Maynard, Gary.** (2008-2009) News Literacy Fellow. School of Journalism, *Stony Brook University*, Stony Brook, NY.
- Muñoz, José.** (2008) Lecturer. Department of Sociology, *California State University-Dominguez Hill*, Carson, CA.
- Shor, Eran.** (2008) Managing Editor. Men and Masculinities. An interdisciplinary, international journal of gender issues. Department of Sociology, *Stony Brook University*, Stony Brook, NY.
- Traver, Amy.** (2008) Assistant Professor. Department of Social Sciences, *CUNY – Queensborough*, Bayside, NY.

❖ **Translations**

- Esparza, Louis.** (2008) The Neoliberal Fallacy/Las Falacias del Neoliberalismo (Alberto Moncada). White Paper: Sociologists Without Borders. [2008].
- Page Poma, Fernanda.** (2008) Ghettos and Anti-Ghettos. An Anatomy of the New Urban Poverty/Guetos y Anti-Guetos. Anatomía de la Nueva Pobreza Urbana (Carolina Keve interview with Loïc Wacquant). Buenos Aires, Argentina: Debate.

❖ **Other**

- Curreli, Misty, Baldermann, Diana, Gonzalez, Gabriela, Llewellyn, Cheryl, Akin, Afife Idil, Peun, Haryun, Coston, Bethany, Kennedy, Amanda and Page Poma, Fernanda.** (2009) Head of Organizing Conference Committee. 6<sup>th</sup> Annual Graduate Student Ethnography Conference, *Stony Brook University*. Manhattan, NY.

# THEATRE ARTS

GRADUATE DIRECTOR: STEVE MARSH  
DEPARTMENT CHAIR: NICK MANGANO

## ❖ Grants, Fellowships and Awards

**Shulgat, Anna.** (2008 – 2009) Fulbright grant. *Institute of International Education*, New York, NY.

## ❖ Singly Authored Publications/Research Reports/Reviews

**Rebar, Donald.** (2009) How to Become an Equity Artist. *The North Shoreian Magazine* 4: 2.

**Shulgat, Anna.** (2008) Hello to Arms. *The Empire of Drama* 17: 8.

**Shulgat, Anna.** (2008) Being Arkadina. *The Empire of Drama* 21: 8.

**Shulgat, Anna.** (2009) Translated into Dutch. *The Empire of Drama* 22: 8.

**Shulgat, Anna.** (2009) Truth and Brook. *The Empire of Drama* 22: 8.

**Shulgat, Anna.** (2009) The Bridge That Sam Built. *The Empire of Drama* 25: 8.

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

**Ortiz, Marie-Elena.** (2008) Master playwriting class. *Cherry Lane Theatre*. New York, NY.

**Ortiz, Marie-Elena.** (2009) Master playwriting class. *INTAR Theatre*. New York, NY.

**Ortiz, Marie-Elena.** (2009) Master playwriting class. *Cherry Lane Theatre*. New York, NY.

**Shulgat, Anna.** (2009) Stanislavsky & Meyerhold: Their Legacy and Meaning in Russia and the US Today. *Department of Slavic Languages and Literatures*. University of Pennsylvania, Philadelphia, PA.

**Sowers, Adrienne.** (2008) Young Playwrights Theatre Workshop. *Contemporary American Theater Festival*. Shepherdstown, WV.

**Rebar, Donald.** (2008) Act I: Young Playwrights Theatre Workshop. *Contemporary American Theater Festival*. Shepherdstown, WV.

## ❖ Internship Appointments

**Danvers, Marie.** (2009) Intern. *Stony Brook Film Festival*, Stony Brook University, Stony Brook, NY.

**McMahan, Matthew.** (2008) Dramaturgy Intern. *Indiana Repertory Theatre*, Indianapolis, IN.

**Montolio, William.** (2009) Residency Researcher. *Watermill Center*, Watermill, NY.

**Pressimone Beckowski, Catherine.** (2009) Literary Intern. *Theatre Exile*, Philadelphia, PA.

**Reese, Lorien.** (2009) Residency Coordinator. *Watermill Center*, Watermill, NY.

**Shulgat, Anna.** (2009) Intern. *Martin E. Segal Theatre Center*, CUNY Graduate Center, New York, NY.

❖ **Theatrical Productions**

- Danvers, Marie.** (2009) Playwright/director. *Till the Moon Deserts the Sky*. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Danvers, Marie** (2008) Soloist. *Best of Broadway*. *Vail-Levitt Theatre*, Riverhead, NY.
- Goldberg, Becky.** (2009) Dramaturg. *Julius Ceasar*. *Shea Theater*, SCCC Ammerman Campus, Selden, NY.
- Lee, Caitlin.** (2008) Resident Dramaturg. *Firebone Theatre Company*, New York, NY.
- Lee, Caitlin.** (2008) Reading Dramaturg. *Refuge of Lies*. *Firebone Theatre Company*, Fairfield, CT.
- Lee, Caitlin.** (2008) Production Dramaturg. *Refuge of Lies*. *Firebone Theatre Company*, New York, NY.
- Lee, Caitlin.** (2009) Production Dramaturg. *Romeo and Juliet*. Stony Brook University, Department of Theatre Arts, Stony Brook, NY.
- Lee, Caitlin.** (2008) Lead Producer. *Musical Theatre Revue*. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Lee, Caitlin.** (2009) Reader. National Playwriting Competition. *Young Playwrights, Inc.*, New York, NY.
- McMahan, Matthew.** (2009) Script Reader. *Young Playwrights Inc.*, New York, NY.
- McMahan, Matthew.** (2009) Script Reader. *Atlantic Theater Company*, New York, NY.
- McMahan, Matthew.** (2009) Dramaturg. *The Dolphins*. *Columbia Stages*, New York, NY.
- McMahan, Matthew.** (2009) Actor/Lord Montague. *Romeo and Juliet*. Stony Brook University, Department of Theatre Arts, Stony Brook, NY.
- Montolio, William,** (2008) Director. *24 Hour Play Festival*. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Ortiz, Marie-Elena.** (2009) Dramaturg. *Vitamins*. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Ortiz, Marie-Elena.** (2009) Play readings. *Rhythm, Family Rivalry*. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Pressimone Beckowski, Catherine.** (2009) Production Dramaturg. *American Buffalo*. *Theatre Exile*, Philadelphia, PA.
- Pressimone Beckowski, Catherine.** (2008) Dramaturg. *Celebrating Suffrage: Two Short Comedies*. *Airmid Theatre Company*, Babylon, NY.
- Pressimone Beckowski, Catherine.** (2008) Dramaturg. *Quid Pro Quo; or, The Day of Dupes*. *Airmid Theatre Company*, Babylon, NY.
- Pressimone Beckowski, Catherine.** (2008) Dramaturg. *Urban Retreat*. *Young Playwrights, Inc.*, New York, NY.
- Pressimone Beckowski, Catherine.** (2008-2009). Artistic Associate. *Airmid Theatre Company*, Babylon, NY.
- Rebar, Donald.** (2008) Dramaturg. *The Playboy of the Western World*. Stony Brook University, Department of Theatre Arts, Stony Brook, NY.
- Rebar, Donald.** (2008) Dramaturg. *WRECKS*. *Contemporary American Theater Festival*, Shepherdstown, WV.
- Rebar, Donald.** (2009) Director. *Vitamins*. *Stony Brook University Underground Cabaret*, Stony Brook, NY.

## Theatre Arts

- Rebar, Donald.** (2009) Script Reader. *Young Playwrights, Inc.*, New York, NY.
- Rebar, Donald.** (2008) Co-dramaturg. *Anarchist's Cookbook: A Work in Progress Revolution. Contemporary American Theater Festival*, Shepherdstown, WV.
- Rebar, Donald.** (2008-2009) Vice President/Technical Director. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Reese, Lorien.** (2008) Producer. 24 Hour Play Festival. *Stony Brook University Underground Cabaret*, Stony Brook, NY.
- Reese, Lorien.** (2009) Actor/Lady Capulet. *Romeo and Juliet*. Stony Brook University, Department of Theatre Arts, Stony Brook, NY.
- Reese, Lorien.** (2008 - 2009) Script reader. *Young Playwrights, Inc.*, New York, NY.
- Reese, Lorien.** (2008) Dramaturg. *Young Playwrights Urban Retreat. Young Playwrights, Inc.*, New York, NY.
- Sowers, Adrienne.** (2008) Dramaturg. *Eurydice*. Stony Brook University, Department of Theatre Arts, Stony Brook, NY.
- Sowers, Adrienne.** (2008) Co-dramaturg. *Anarchist's Cookbook: A Work in Progress Revolution. Contemporary American Theater Festival*, Shepherdstown, WV.
- Sowers, Adrienne.** (2007 – 2009) Reader. *Young Playwrights, Inc.*, New York, NY.

### ❖ Translations

- Shulgat, Anna.** (2008) *Stanislavski v Amerike/ Stanislavski in America* (Richard Hornby, Trans). *The Empire of Drama, Issue 18: 8*. (Stanislavski on Stage [2008]).

### ❖ Other

- Rebar, Donald.** (2008) Administrative Assistant. *Contemporary American Theater*. Shepherdstown, WV.
- Reese, Lorien.** (2009) Associate Literary Manager. *John Gassner New Play Competition*. Stony Brook University, Stony Brook, NY.
- Sowers, Adrienne.** (2008) Festival Coordinator. *Contemporary American Theater Festival*. Shepherdstown, WV.

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