

Non-Competing Continuation (Type 5) RISE Grant Applications
 Table 5 – Summary of Research Presentations by RISE Students
 Reporting Period: 2009-2010

Student Name (Year of Entry)	Student Academic Level (Graduate)	Mentor (s)	Student Presentation Title	Scientific Meeting (Dates)
Lugo Escobar, Natasha (2004)	Graduate	Dr. Anabell Segarra	Neonatal isolation modulates behavioral sensitization but not conditioned place preference of prepubertal rats	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009)
Menéndez Del Mestre, Raissa (2004)	Graduate	Dr. Anabell C. Segarra	Estradiol modulates the response to cocaine in male rats	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009)
Rivera Sánchez, Sulay (2005)	Graduate	Dr. Sylvette Ayala	Mitochondrial DNA is a major target of mutant huntingtin and Correlates with Mitochondrial collapse in a Model of Huntington's Disease	8 th Conference of the Specialized Neuroscience Research Program (SNRP) (July 21-23,2010)
González Pons, María (2006)	Graduate	Dr. Adelfa Serrano	Disruption of the multidrug resistance associated (<i>mpr</i>) gene in <i>Plasmodium berghei</i>	58 th American Society Tropical Medicine and Hygiene Meeting (Nov 18-22, 2009)
Vélez Hernández, María E. (2006)	Graduate	Dr. Carlos A. Jiménez	Mzeta inhibitor (ZIP) decreases AMPA mediated currents of VTA neurons from cocaine sensitized rats Protein kinase Mzeta inhibitor (ZIP) alters cocaine sensitization and decreases VTA AMPA mediated currents	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009) 2 nd Annual Behavior Biology and Chemistry: Translational Research in Addiction Conference (March 6-7, 2010)
García Crescioni, Keyla B. (2007)	Graduate	Dr. Mark W. Miller	Exploring the role of feedback in a simple central pattern generator-effector network: De-efferentation studies in the crustacean cardiac system	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009) European Pain School 2010

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			Feedback from peripheral musculature to central pattern generator in the neurogenic heart of the crab <i>Callinectes sapidus</i> .	(May 30 to June 6, 2010)
Reyes Colón, Dalynés (2007)	Graduate	Dr. María A. Sosa	Functional characterization of a putative Tyramine/Octopamine receptor expressed in the CNS of the freshwater prawn	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009)
Rosas Virella, Odrick R. (2007)	Graduate	Dr. Jorge D. Miranda	Moderate contusion to the spinal cord increased ephexin expression and its phosphorylation	National Neurotrauma Symposium 2010 (June 14-17, 2010)
Vázquez Acevedo, Nietzell (2007)	Graduate	Dr. María A. Sosa	Differential Expression of Proteins in the Brain of the Freshwater Prawn in the Context of Dominance Hierarchies	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009) Local
Angleró Rodríguez, Yesseina I. (2008)	Graduate	Dr. Carlos Sariol	Dengue Virus Protease NS2B/NS3 with a Potential Inhibition of the Toll-like Receptor 3 Signaling Pathway	58 th American Society Tropical Medicine and Hygiene Meeting (Nov 18-22, 2009)
Arroyo Torres, Yaria (2008)	Graduate	Dr. Carlos A. Torres	Repair of H ₂ O ₂ -Induced mtDNA Damage Requires the BER Enzyme Apn1	Mitochondrial Medicine 2010: United Mitochondrial Disease Foundation (June 16-18, 2010)
Cabán Hernández, Kimberly (2008)	Graduate	Dr. Ana M. Espino	Probing the Expression and Function of Two Excretory/Secretory Antigens in Different Life Stages of <i>Fasciola hepatica</i> Developmental Expression and Silencing of Saposin and Ferritin like Antigens in <i>Fasciola hepatica</i>	58 th American Society Tropical Medicine and Hygiene Meeting (Nov 18-22, 2009) 85 th Annual Meeting of the American Society of Parasitologists (June 22-25, 2010)
De Jesús Burgos, María I. (2008)	Graduate	Dr. Nivia Pérez	Female Anxiety: Role of Estradiol and Group I Metabotropic Glutamate Receptor within the Amygdala.	Experimental Biology 2010 (April 24-28, 2010)
Hernández Pérez, Marimar (2008)	Graduate	Dr. Carlos I. González	Translational control of human interleukin-3 mediated by its 3'-UTR	Experimental Biology 2010 (April 24-28, 2010)

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			adenosine/uridine-rich elements	
Ortiz Martínez, Mario G. (2008)	Graduate	Dr. Braulio Jiménez	Endotoxins in African Dust (PM ₁₀): possible implication in Puerto Rican asthma exacerbation	49 th Annual Meeting of ToxExpo (March 7-11, 2010)
Oyola Robles, Delise J.(2008)	Graduate	Dr. Abel Baerga	Expression, Purification and Preliminary Activity of a Novel Dehydratase Domain from a Polyketide Synthase.	American Society for Biochemistry and Molecular Biology (ASBMB) (April 24-28, 2010)
Rivera Rivera, Amílcar (2008)	Graduate	Dr. Zarixia Zavala	Expression and Purification of the human Lymphocyte Activation Gene-3 for Structural Studies	Experimental Biology 2010 (April 24-28, 2010)
Rivera Ruiz, Marielis E. (2008)	Graduate	Dr. José R.Rodríguez-Medina	Translational regulation of the stress response in a <i>Saccharomyces cerevisiae</i> cytokinesis mutant <i>myo1Δ</i>	Experimental Biology 2010 (April 24-28, 2010)
Rodríguez Franco, Eillen J. (2008)	Graduate	Dr. Loyda M. Meléndez	HIV Infection Modulates the Expression and Activity of Cathepsin B, Macrophages:Implications Neuropathogenesis	7 th International Symposia on HIV and Emerging Disease (March 23-27, 2010)
Rodríguez Guilbe, María M. (2008)	Graduate	Dr. Abel Baerga	Structural and enzymatic analysis of orf6, a novel thioesterase from a deep-sea polyunsaturated fatty acid synthase	Experimental Biology 2010 (April 24-28, 2010)
Salgado Villanueva, Iris K. (2008)	Graduate	Dr. Walter Silva	SorLA/LR11: Relation to Membrane Rafts in Glial Cells	Experimental Biology 2010 (April 24-28, 2010)
Torres Díaz, Yvonne M. (2008)	Graduate	Dr. Anabell Segarra	Estradiol modulates the motivational and rewarding effects of cocaine by distinct mechanism in the female rat	39 th Annual Meeting Society for Neuroscience (October 17-21, 2009)
Torres Ortiz, Ceidy (2008)	Graduate	Dr. Carlos A. Torres	Mitochondrial DNA Damage Increases in an Age-Dependent Manner in Liver from <i>Apex1</i> Haploinsufficient Mice	Mitochondrial Medicine 2010: United Mitochondrial Disease Foundation (June 16-18, 2010)
Trujillo Rodríguez, Uldaeliz (2008)	Graduate	Dr. Abel Baerga	Protein-protein Interactions and Acyl Carrier Protein Recognition in the Biosynthesis of Omega-3 Fatty Acids by	American Society for Biochemistry and Molecular Biology (ASBMB) (April 24-28, 2010)

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			a Polyketide Synthase	
Figueroa Santiago, Olgary (2009)	Graduate	Dr. Ana M. Espino	Possible Role for Toll like Receptors in Interaction of <i>Fasciola hepatica</i> Excretory /Secretory Products with Monocyte Cells	58 th American Society Tropical Medicine and Hygiene Meeting (Nov 18-22, 2009)
Gaudier Pagán, José F. (2009)	Graduate	Dr. Ana M. Espino	Use of an excretory and secretory antigen of <i>Fasciola hepatica</i> for the immunodiagnosis in fascioliasis and a potential target for immunoprophylaxis A novel recombinant <i>Fasciola hepatica</i> protein belonging to the methyl transferase protein-like family is a useful antigen for immunodiagnosis and a potential target for immunoprophylaxis	Experimental Biology 2010 (April 24-28, 2010) 58 th American Society Tropical Medicine and Hygiene Meeting (Nov 18-22, 2009)
Pagán Mercado, Glorivee (2009)	Graduate	Dr. José R.Rodríguez-Medina	Evidence for cross-talk between <i>PKC1</i> and TOR signaling pathways in the cell wall stress response of the <i>myo1</i> cytokinesis mutant of <i>Saccharomyces cerevisiae</i>	American Society for Biochemistry and Molecular Biology (ASBMB) (April 24-28, 2010)
Rodríguez Cotto, Rosa I. (2009)	Graduate	Dr. Braulio Jiménez	Partial Characterization of Ambient PM 2.5 Extract from Saharan Dust Events	49 th Annual Meeting of ToxExpo (March 7-11, 2010)

Instructions: List RISE supported students sequentially by the year of entry and provide the academic level while supported by the program. Provide the mentor that participated in the research project, the title of the presentation and the title of scientific meeting and its dates.