

Non-Competing Continuation (Type 5) RISE Grant Applications
 Table 6 – Research Publications Co-authored by RISE-supported Participants
 Reporting Period: Cycle1: 2001-2004

Student Name (Year of Entry)	Student Academic Level (Ph. D./MS/UG)	Mentor (s)	Publications (PMCID, if applicable)	Electronic Link (if available)
Capó-Ramos, David E. (2000)	BS	Dr. Annabell Segarra	Estrogen dependent alterations in D2/D3induced G-protein activation in cocaine-sensitized female rats.	
De Oberta-Cruz, Jessica (2000)	BS	Dr. Iraida Robledo	Rodríguez JL, Vázquez GJ, Bermúdez M, De Orbeta J , García Y, Rivera Y, Robledo IE. <u>Prospective study using standardized methodology for antimicrobial susceptibility of gram-positive cocci isolated from the Puerto Rico Medical Center.</u> P R Health Sci J. 2002 Dec;21(4):343-7. PMID: 12572243	http://www.ncbi.nlm.nih.gov/pubmed/12572243
Díaz-Ríos, Manuel (2000)	Ph.D.	Dr. Mark W. Miller	<p>Díaz-Ríos, M.*, Oyola, E., and Miller, M.W. <u>Colocalization of GABA-like immunoreactivity and catecholamines in the feeding network of <i>Aplysia californica</i>.</u> J. Comparative Neurology 2002. 445: 29-46.* PMID: 11891652</p> <p>Robie A., Díaz-Ríos, M. *, Miller M. <u>A population of pedal-bucal projection neurons associated with appetitive components of <i>Aplysia</i> feeding behavior.</u> J Comp Physiol Mar;189 (3):231-44, 2003. PMID: 12664099</p> <p>Díaz-Ríos M., Oyola E., and Miller M. <u>Colocalization of γ-Aminobutyric Acid-Like Immunoreactivity and Catecholamines in the Feeding Network of <i>Aplysia californica</i>.</u> The Journal of Comparative Neurology. 445:29-46, 2002. PMID: 11891652</p> <p>Wu JS, Jing J, Díaz-Ríos M*, Miller MW, Kupfermann I, Weiss KR <u>Identification of GABA-containing cerebral-buccal interneuron-11 in <i>Aplysia californica</i>.</u> Neuroscience Lett. 341 (1):5-8, 2003. PMID: 12676330</p>	<p>http://www3.interscience.wiley.com/journal/90512644/abstract?CRETRY=1&SRETRY=0</p> <p>http://www.springerlink.com/content/anme6tq5f6rh253c/</p> <p>http://www3.interscience.wiley.com/journal/90512644/abstract</p> <p>http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T0G-487KKMC-3&_user=1647929&_coverDate=04%2F24%2F2003&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000054082&_version=1&_urlVersion=0&_userid=1647929&md5=c3cb7a16e4f181308d59f1f6406d8241</p>
Duprey-Díaz, Mildred (2000)	MS	Dr. Rosa E. Blanco	Duprey-Díaz MV* , Soto I, Blagburn JM, Blanco RE. <u>Changes in brain-derived neurotrophic factor and trkB receptor in the adult <i>Rana pipiens</i> retina and optic tectum after optic nerve injury.</u> J Comp Neurol. 23;454(4):456-69, Dec 2002. PMID: 12455009	http://www3.interscience.wiley.com/journal/101519911/abstract

González-Rodríguez, Loida A. (2000)	BS	Dr. Annabell C. Segarra	Estrogen dependent alterations in D2/D3induced G-protein activation in cocaine-sensitized female rats.	
González-Segarra, Naggai (2000)	BS	Dr. Annabell Segarra	Estrogen dependent alterations in D2/D3induced G-protein activation in cocaine-sensitized female rats.	
Maldonado-Báez, Lymarie (2000)	MS	Dr. Braulio Jiménez	Jiménez, B.D., Maldonado, L.* , Dahl, R.H., Quattrochi, L.C., Guzelian, P.S. Ectopic Expression of MHC Class II Genes (RT1.B (I) b/a) in Rat Hepatocytes in vivo and in Culture Can be Elicited by Treatment with the pregnane X Receptor Agonists Pregnenolone 16 α -Carbonitrile and Dexamethasone. 2002 Life Sci. 71:(3), pp. 311-323.PMID: 12034349	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T99-45R7X9J-2&_user=1647929&_coverDate=06%2F07%2F2002&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000054082&_version=1&_urlVersion=0&_userid=1647929&_md5=fc15d0beb6f89658eb4f7e0618cd3dbb
Mora-Colón, Carlos (2000)	Ph.D.	Dr. Ana Díaz	Mora, C.* , Flores, I., Montealegre, F., Díaz, A.M. Cloning and expression of Blo t 1, a novel allergen from the dust mite <i>Blomia tropicalis</i> , homologous to cysteine proteases. Clin. Exp. Allergy 2003, 33:28-34, PMID: 12534546	http://www3.interscience.wiley.com/journal/118889261/abstract
Ríos-Muñoz, Wilson (2000)	Ph.D.	Dr. José R. Rodríguez- Medina	W. Ríos Muñoz* , M. Irizarry Ramírez, F. Rivera Molina* , S. González Crespo, and J.R. Rodríguez Medina, Myosin II is important for maintaining regulated secretion and asymmetric localization of chitinase 1 in the budding yeast <i>Saccharomyces cerevisiae</i> . Arch.Bioch.Biophys.2002, 409/2 411-413. PMID: 12504909	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WB5-47F0S2S-4&_user=1647929&_coverDate=01%2F15%2F2003&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000054082&_version=1&_urlVersion=0&_userid=1647929&_md5=9b710e73bff1906cc6b018b305e810f5
Rivera-Molina, Félix (2000)		Dr. José R. Rodríguez Medina	Myosin II is important for maintaining regulated secretion and asymmetric localization of chitinase 1 in the budding yeast <i>Saccharomyces cerevisiae</i> .	
Roche-Pabón, Marly I. (2000)	Ph.D.	Dr. Julio A. Lavergne	Delgado-Figarella, R., Rosario, G., Roche, M. , Del Llano, A.M, and Lavergne, J.A. Cyclin Levels During TNF- α -Induced Apoptosis in HIV-Infected Cells. Cellular and Molecular Biology, 2001, 47(7), 1129-1142. PMID: 11838961	
Sánchez-Carrasquillo, Edwin (2000)	Ph.D	Dr. Loyda Meléndez	Meléndez, J., García, V., Sánchez, E. , Delgado, R., Torres, G., and Meléndez-Guerrero, L.M. Is decreased HIV-1 infectivity of placental macrophages caused by high levels of chemokines? 2001 Cellular and Molecular Biology 47: OL51-OL59.PMID: 11936874 Torres G, García V, Sánchez E , Segarra A, Patterson BK, Meléndez-Guerrero LM. Expression of the HIV-1 co-receptors CCR5 and CXCR4 on placental	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WPD-45V80JG-7&_user=1647929&_coverDate=04%2F30%2F2001&_rdoc=1&_fmt=high&_orig=search&_sort

			macrophages and the effect of IL-10 on their expression. Placenta. 2001 Apr;22 Suppl A:S29-33. PMID: 11312625 Sánchez-Carrasquillo, E. , García, V., Febo, I., and Meléndez-Guerrero, L. <u>CCR5 Genotyping and Production of B-chemokines by peripheral blood mononuclear cells in HIV-1 infected Puerto Rican children.</u> PRHSJ 2000, 19:345-351.	=d& docanchor=&view=c& acct=C000054082& version=1& urlVersion=0& userid=1647929& md5=5ba1a2a20dc6a450a6a39efaae641fec
Szeto-Keeble, Ada (2000)	Ph.D.	Dr. Adelfa E. Serrano	Szeto A.C. , * Pérez-Rosado J. , Ferrer-Rodríguez I.* , Vega J.* , Torruella-Thillet and Serrano AE. <u>Identification and expression analysis of ABC genes in <i>Plasmodium yoelii</i> and <i>Plasmodium berghei</i>.</u> Parasitology Research 2004 Jan;92(1):1-11. Epub 2003 Oct 17. PMID: 14564508	http://www.springerlink.com/content/0hrc5puxpk2f810e/
González-Pérez, Jorge (2001)	Ph.D.	Dr. María J. Crespo	Gonzalez Jorge* and MJ Crespo. <u>Acute effects of toremifene on the vasculature of intact and menopause-induced rats.</u> Vascular Pharmacology. 2003 Nov;40(4):205-11. PMID: 14746827	http://www.sciencedirect.com/science?_ob=ArticleURL& udi=B6X3P-4B5JK6H-1& user=1647929& coverDate=11%2F30%2F2003& rdoc=1& fmt=high& orig=search& sort=d& docanchor=&view=c& acct=C000054082& version=1& urlVersion=0& userid=1647929& md5=a14081a7510cbb65657a691b92a69e0
Ferrer-Rodríguez, Iván (2001)	Ph.D.	Dr. Adelfa Serrano	Identification and expression analysis of ABC genes in <i>Plasmodium yoelii</i> and <i>Plasmodium berghei</i> . Iván Ferrer-Rodríguez, José Pérez-Rosado, Gary W. Gervais, Wallace Peters, Brian L. Robinson and Adelfa E. Serrano. <u><i>Plasmodium yoelii</i>: Identification and partial characterization of an <i>mdr1</i> gene in an artemisinin resistant line.</u> J. of Parasitology. 2004 Feb;90(1):152-60. PMID: 15040683 <i>Plasmodium berghei</i> : Analysis of the γ -glutamylcysteine synthetase gene in drug resistance lines.	http://www.ncbi.nlm.nih.gov/pubmed/15040683
Pagán-Correa, Kayleene (2001)	BS	Dr. Carmen L. Cadilla	Logan DW, Bryson-Richardson RJ, Pagan KE* , Taylor MS, Currie PD, Jackson IJ. <u>The structure and evolution of the melanocortin and MCH receptors in fish and mammals.</u> Genomics 2003. Feb; 81(2):184-91. PMID: 12620396	http://www.sciencedirect.com/science?_ob=ArticleURL& udi=B6WG1-47YY26V-5& user=1647929& coverDate=02%2F28%2F2003& rdoc=1& fmt=high& orig=search& sort=d& docanchor=&view=c& acct=C000054082& version=1& urlVersion=0& userid=1647929& md5=13c43e6511e2b67c5ff39ae9b33db0c3
Febo-Vega, Marcelo (2002)	Ph.D.	Dr. Annabell C. Segarra	Febo, M* , LA Gonzalez-Rodriguez* , DE Capo Ramos, NY Gonzalez-Segarra and AC Segarra. <u>Estrogen dependent alterations in D2/D3induced G-protein activation in cocaine-sensitized female rats.</u> J	http://www3.interscience.wiley.com/journal/118871268/abstract http://www.sciencedirect.com/science?_ob=ArticleURL& udi=B6WG1-47YY26V-5& user=1647929& coverDate=02%2F28%2F2003& rdoc=1& fmt=high& orig=search& sort=d& docanchor=&view=c& acct=C000054082& version=1& urlVersion=0& userid=1647929& md5=13c43e6511e2b67c5ff39ae9b33db0c3

			Neurochemistry. 2003 Jul;86(2):405-12. PMID: 12871581 Febo, M.* C.A. Jiménez and A.C. Segarra. <u>Estrogen and opioids interact to modulate the locomotor response to cocaine.</u> Brain Research 2002, 943(1):151-161, PMID: 12088849	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6SYR-45R7VK0-7&_user=1647929&_coverDate=07%2F05%2F2002&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000054082&_version=1&_urlVersion=0&_userid=1647929&_md5=9f715eb0de5f35405a4283b8f8223fd4
Pérez-Rosado, José (2002)	Ph.D.	Dr. Adelfa E. Serrano	José Pérez-Rosado* , Gary W. Gervais, Iván Ferrer-Rodríguez , Wallace Peters, and Adelfa E. Serrano. <u>Plasmodium berghei: Analysis of the γ-glutamylcysteine synthetase gene in drug resistance lines.</u> Exp Parasitol. 2002, 101:175-182. PMID: 12594957 Identification and partial characterization of an <i>mdr1</i> gene in an artemisinin resistant line. Identification and expression análisis of ABC genes in <i>Plasmodium yoelii</i> and <i>Plasmodium berghei</i>	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WFH-47T8BJ8-2&_user=1647929&_coverDate=08%2F31%2F2002&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000054082&_version=1&_urlVersion=0&_userid=1647929&_md5=9c1d27e0b0e416485c6a9bee7599f7b7
Vega-Rodríguez, Joel (2002)	Ph.D.	Dr. Adelfa E. Serrano	Identification and expression análisis of ABC genes in <i>Plasmodium yoelii</i> and <i>Plasmodium berghei</i> .	
Velázquez-Torres, Guermarie (2003)	MS	Dr. Walter I. Silva	Silva WI, Maldonado HM, Lisanti MP, Devellis J, Chompré G, Mayol N, Ortiz M, Velázquez G , Maldonado A, Montalvo J. <u>Identification of caveolae and caveolin in C6 glioma cells.</u> Int J Dev Neurosci. 1999 Nov;17(7):705-14. PMID: 10568687	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T01-3XBTTY2-4&_user=1647929&_coverDate=11%2F30%2F1999&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000054082&_version=1&_urlVersion=0&_userid=1647929&_md5=2a9c6050e77f2d918c20881812f6101a

Instructions: Applications with only one previous funding cycle must include information from the last funding cycle. Applications with more than one previous funding cycle must include information from the last two consecutive funding cycles. List RISE supported students sequentially by the year of entry and provide the academic level while supported by the program. Provide the name of the mentor that participated in the research project and the citation of publications resulting for the student's work highlighting the name of the program-supported student. Provide the PubMed Central Reference Number (PMCID), if the publication acknowledges the RISE grant, and the electronic link to the publication, if available. Do not include conference presentations or abstracts.