
Curriculum Vitae

NAME: Christian Bravo-Rivera

POSITION TITLE: Post-Doctoral Researcher

EDUCATION

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Puerto Rico, Rio Piedras Campus	B.S.	06/2009	General Sciences
University of Puerto Rico School of Medicine	Ph.D.	06/2016	Anatomy & Neurobiology
Cold Spring Harbor Laboratory	Post-Doc	Current	Neuroscience

Positions

2007 - 2009 Undergraduate research assistant, UPR School of Medicine
2009 - 2015 Graduate student, UPR School of Medicine
2016 - Postdoctoral Researcher, Cold Spring Harbor Laboratory
2016 - Founder and President of NeuroBoricuas

Honors

2007 Fellow, Life Sciences Summer Undergraduate Research Program (LSSURP). University of Minnesota at Twin Cities
2008-09 Fellow, Research Initiative for Scientific Enhancement (RISE). UPR Rio Piedras Campus
2009 Fellow, Carl Storm Underrepresented Minority Fellowship. Gordon Conference on Amygdala
2009 Fellow, Summer Program Internship for Neuroscience, Ethics, and Survival (SPINES)
2009-10 Fellow, American Psychological Association Graduate Research.
2010-12 Fellow, Research Initiative for Scientific Enhancement (RISE). UPR School of Medicine.
2011-12 President, Graduate Students Association, UPR School of Medicine
2011 Established Interdepartmental Journal Club, Annual Bioethics Debate, Annual Student Symposium and Cultural Night for the Graduate Student Association, UPR School of Medicine
2011-15 Excellence in Research Award, Annual Biomedical Sciences. UPR School of Medicine.
2012 Leadership Award. Annual Biomedical Sciences. UPR School of Medicine.
2012 Plenary Speaker. Puerto Rico Chemistry Association Annual Meeting. Río Grande, PR.
2012 Invited Speaker. CleverSys 2012 Annual Symposium. New Orleans, LA.
2014-15 Vice-President, Graduate Students Association, UPR School of Medicine
2015 Invited Speaker. 5th Annual Plexon Neurophysiology and Behavior Workshop. Dallas, TX.
2015 Invited Speaker. 2015 SPINES Neuroscience Symposium. Chicago, IL
2016 Excellence in Research Award, 50th Graduation Ceremony of the UPR School of Medicine.
2016 Leadership in Academy Award. 50th Graduation Ceremony of the UPR School of Medicine.
2016 Jose del Castillo Nicolau Award. 50th Graduation Ceremony of the UPR School of Medicine.
2017 CROEM Alumni 2017 Award. Centro Residencial de Oportunidades Educativas de Mayagüez. Mayagüez, PR.
2017-18 Associate, Neuroscience Scholars Program, Society for Neuroscience.

Service

2011-15 Lecturer to psychiatry residents, medical and graduate students: Neuroscience, Gross Anatomy, Neuroanatomy, Membrane Electrophysiology, and Physiology, UPR School of Medicine
2014- Reviewer for the journal Frontiers in Behavioral Neuroscience
2015- Reviewer for the Journal of Neuroscience Research
2016- Reviewer for the journal Physiology and Behavior
2016- Reviewer for the journal Learning & Memory
2016- Reviewer for the journal Experimental Brain Research
2016- Reviewer for the journal Neurobiology of Learning and Memory
2017- Reviewer for the journal Science of Learning

Peer-reviewed publications

1. Mueller D, **Bravo-Rivera C**, Quirk GJ. (2010) Infralimbic D2 receptors are necessary for fear extinction and extinction-related tone responses. 68:1055-1060.
2. Pendyam S, **Bravo-Rivera C**, Burgos-Robles A, Sotres *Biol Psychiatry* -Bayon F, Quirk GJ, Nair SS. (2013) Fear signaling in the prelimbic-amygdala circuit: A computational modeling and recording study. *J Neurophysiol.* 110: 844- 861.
3. **Bravo-Rivera C**, Diehl MM, Roman-Ortiz C, Rodriguez-Romaguera J, Rosas-Vidal LE, Bravo-Rivera H, Quinones-Laracuente K, Do-Monte FH. (2014) Long-range GABAergic neurons in the prefrontal cortex modulate behavior. *J. Neurophys.* 114(3):1357-9.
4. **Bravo-Rivera C**, Roman-Ortiz C, Brignoni-Perez E, Sotres-Bayon F, Quirk GJ. (2014) Neural structures mediating expression and extinction of platform-mediated avoidance. *JNeurosci.* 34(29): 9736-9742.
5. Quinones-Laracuente K, Hernandez-Rodriguez MY, **Bravo-Rivera C**, Quirk GJ. (2015). The effect of repeated exposure to ethanol on pre-existing fear memories in rats. *Psychopharm.* 232(19):3615-22.
6. **Bravo-Rivera C**, Roman-Ortiz C, Montesino-Cartagena M, Quirk GJ. (2015) Persistent active avoidance correlates with activity in prelimbic cortex and ventral striatum. *Front. Behav. Neurosci.* 9:184.
7. Diehl MM, **Bravo-Rivera C**, Roman-Ortiz C, Abner-Rivera PA, Quirk GJ (2018). Neuronal activity in prelimbic cortex correlates with expression of active avoidance. *eLife.* May 31;7. pii: e34657. doi: 10.7554/eLife.34657.
8. Martinez-Rivera F, **Bravo-Rivera C**, Montesinos-Cartagena M, Minier-Toribio A, Quirk GJ. (2018). Prefrontal projections to amygdala and striatum recruited in active avoidance. *Psychopharm.* doi: 10.1007/s00213-018-5012-7.
9. **Bravo-Rivera C**, Díaz-Ríos M, Aldarondo-Hernández A, et al. (2018). NeuroBoricuas: a novel approach for incorporating neuroscience education in schools of Puerto Rico. **4th International Conference on Higher Education Advances (HEAd'18)**. Editorial Universitat Politècnica de València. doi: 10.4995/HEAd18.2018.8223.

Book chapter

1. Sotres-Bayon F, **Bravo-Rivera C**. (2018). Chapter 37: How Emotional Memories Are Formed and Reformed. *Routledge handbook of emotion theory*. New York. Routledge Taylor and Francis Books. Forthcoming.

Research support history

Ongoing

F32 MH113316

Bravo-Rivera C (PI)

2017 - 2020

Glutamatergic and GABAergic projections from the ventral pallidum control motivated behaviors

Role: Principal Investigator

Completed

R36 MH102968

Bravo-Rivera C (PI)

2014 - 2016

Neural Circuits of Platform Avoidance

Role: Principal Investigator