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EDUCATION

- 2016 - today PhD in Experimental Psychology, University of Oxford. Supervisor: Dr. Molly Crockett.
- 2011 – 2012 MSc in Neuroscience, University of Queensland, Australia. Supervisor: Dr. Ross Cunnington
- 2004 – 2009 Psychologist (professional title), Universidad de Valparaíso, Chile
- 2004 – 2008 BA Psychology (academic degree), Universidad de Valparaíso, Chile. Supervisor: Dr. Adrián Palacios.

ACADEMIC EXPERIENCE

1. Research

- 2016 – today **Crockett Lab, Department of Experimental Psychology University of Oxford, United Kingdom.**
PhD student: Research focused on understanding the neural and computational mechanisms underlying moral decision making in subjects with different neurocognitive profiles.
- 2013 - 2016 **Laboratory of Cognitive and Social Neuroscience (LaNCyS), Universidad Diego Portales, Santiago, Chile.**
Associate researcher: Technical advisory and development of social neuroscience research focused on understanding the neural basis of empathy in human beings using principally electroencephalography.
- 2013 – 2015 **Centre for the Study of Argumentation and Reasoning, Universidad Diego Portales, Santiago, Chile.**
Associate researcher: Technical advisory and development of research projects associated to higher cognitive processes and decision making.
- 2013 – 2014 **Laboratory of Psychology and Physiology of Welfare, School of Psychology, Universidad de Santiago de Chile (USACH).**
Research technician: Technical advisory and development of research projects associated to welfare and positive psychology, using psychophysiological measures.
- 2011 – 2012 **Queensland Brain Institute (QBI), University of Queensland, Australia.**

Master student: Master research: Research focused on understanding the racial bias that exists in neural empathic responses to pain using fMRI and EEG. Supervisor: Dr. Ross Cunnington.

2009 **The Interdisciplinary Center for Neuroscience of Valparaiso (CINV), Universidad de Valparaíso, Chile.**

Research Assistant: Research in memory and synaptic plasticity using Long-Term Potentiation protocols in hippocampal micro-slides of rats. Supervisor: Dr. Pablo Muñoz.

2008 **The Interdisciplinary Center for Neuroscience of Valparaiso (CINV), Universidad de Valparaíso, Chile.**

Research Assistant: Research in memory and perception in *Sprague Dawley* rats using an open field task. Supervisor: Dr. Adrián Palacios.

Undergraduate thesis: Research in recognition memory, synaptic plasticity, and DNA methylation called. Supervisor: Dr. Adrián Palacios.

2. Teaching

Postgraduate

School of Psychology, Faculty of Psychology, Universidad Diego Portales.

2016 Academic Director of the **Master Degree in Social Neuroscience** program.

2015-2016 Associate Professor and thesis supervisor in the **Master Degree in Social Neuroscience** program.

Undergraduate

School of Psychology, Faculty of Psychology, Universidad Diego Portales.

2013-2016 Principal Lecturer in **Bachelor in Psychology** program. Courses: "Neuroscience and Psychology", "Research in Psychology", "Statistics" and "Neural Basis of Decision Making"

School of Psychology, Faculty of Medicine, Universidad de Valparaiso.

2015 Principal Lecturer in "Neuropsychology" course. B.A Psychology program

2006 – 2008 Teaching assistant in "Philosophical and epistemological foundations of theoretical systems in psychology" and "Cognitive Processes" courses. B.A. Psychology program.

PUBLICATIONS

Cao, Y., **Contreras-Huerta, LS.**, McFadyen, J., & Cunnington, R. (2015). Racial bias in neural response to others' pain is reduced with other-race contact. *Cortex* 70: 68-78. (<http://www.sciencedirect.com/science/article/pii/S0010945215000672>)

Contreras-Huerta LS., Hielscher E., Sherwell C., Rens, N., Cunnington R. (2014) Intergroup Relationships Do Not Reduce Racial Bias in Empathic Neural Responses to Pain. *Neuropsychologia* 64: 263-270.

(<http://www.sciencedirect.com/science/article/pii/S0028393214003509>)

Fuentes MA, Lavín C, **Contreras-Huerta LS**, Miguel H and Rosales Jubal E (2014) Stochastic model predicts evolving preferences in the Iowa gambling task. Front. Comput. Neurosci. 5:167. doi: 10.3389/fncom.2014.00167. (<http://journal.frontiersin.org/article/10.3389/fncom.2014.00167/full>).

Contreras-Huerta LS, Baker KS, Reynolds KJ, Batalha L, Cunnington R (2013) Racial Bias in Neural Empathic Responses to Pain. PLoS ONE 8(12): e84001. doi:10.1371/journal.pone.0084001. (<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0084001>)

Lavín, C., San Martín, R., Bravo, D., **Contreras, L.** & Isla, P. (2011). Potenciales Cerebrales Relacionados a Feedback en el Estudio del Aprendizaje y la Toma de Decisiones Económicas. [Brain Potentials Related to Feedback on the Study of Learning and Economic Decision Making]. Revista Latinoamericana de Psicología, 43(3): 455–471. (<http://publicaciones.konradlorenz.edu.co/index.php/rlpsi/article/viewArticle/220>)

Muñoz, P., Aspé M., **Contreras L.** and Palacios A. (2010) Correlations of recognition memory performance with expression and methylation of brain-derived neurotrophic factor in rats. Biological Research 43: 151-158. (http://www.scielo.cl/scielo.php?pid=S0716-97602010000200013&script=sci_arttext)

AWARDS AND GRANTS

- 2016-2020 **Graduate scholarship to pursue a PhD Degree abroad “Becas Chile”.** Chile Grants program. CONICYT (National Commission for Scientific and Technological Research), Ministry of Education, Government of Chile.
- 2014-2016 **“Fluid Intelligence, Social Cognition, and Perspective Flexibility as Predictors of Psycho-social adaptability”.** Co-Investigator. CONICYT (National Commission for Scientific and Technological Research) Grant. Ministry of Education, Government of Chile.
- 2011-2012 **Dean’s Commendation for High Achievement.** Recognition for exemplary academic performance in the Master of Neuroscience’s three semesters
- 2011-2012 **Graduate scholarship to pursue a Master Degree abroad “Becas Chile”.** Chile Grants program. CONICYT (National Commission for Scientific and Technological Research), Ministry of Education, Government of Chile.
- 2009 **Bachelor degree in psychology earned with maximum distinction.** Universidad de Valparaíso.
- 2004-2008 **B.A. Scholarship, Juan Araya Villarroel.** Universidad de Valparaíso
- 2004-2008 **B.A. Scholarship, Juan Gómez Millas program.** Ministry of Education, Government of Chile.