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EDUCATION

- 2016 - 2021 **PhD in Experimental Psychology**, University of Oxford, United Kingdom.
Supervisors: Dr. Matthew Apps, Dr. Molly Crockett and Dr. Geoffrey Bird.
- 2011 – 2012 **MSc in Neuroscience (*High Achievement Academic Award*)**, University of Queensland, Australia. Supervisor: Dr. Ross Cunnington
- 2004 – 2008 **BSc in Psychology (*Maximum Distinction - First Class UK equivalent*)**,
Universidad de Valparaíso, Chile. Supervisor: Dr. Adrián Palacios.
- Psychologist (professional qualification)**. Universidad de Valparaíso, Chile.

ACADEMIC POSITIONS

RESEARCH

- 2021-present **Postdoctoral Research Fellow**. Centre for Human Brain Health, School of Psychology, University of Birmingham, United Kingdom. *Research on prosocial decisions in foraging environments using fMRI and computational modelling.*
- 2013 – 2016 **Associate researcher**. Laboratory of Cognitive and Social Neuroscience; Centre for the Study of Argumentation and Reasoning (CEAR-UDP). Department of Psychology, Universidad Diego Portales, Chile. *Research on the neural basis of social cognition and decision making*
- 2013 – 2014 **Research assistant**. Laboratory of Psychology and Physiology of Welfare, School of Psychology, Universidad de Santiago de Chile. *Research on positive psychology using psychophysiological measures.*
- 2009 – 2010 **Research assistant**. The Interdisciplinary Centre for Neuroscience of Valparaiso, Universidad de Valparaíso, Chile. *Research on memory, learning and synaptic plasticity using rodent models.*

TEACHING - GRADUATE

- 2021–present **Co-supervision of MSc. student in Brain Imaging and Cognitive Neuroscience**.
University of Birmingham, United Kingdom.
- 2019 **External examiner for MSc. in Social Neuroscience thesis viva voce**.
Department of Psychology, Universidad Diego Portales, Chile.

- 2018 – 2020 **Co-supervision of MSc students.** Technical advice and mentorship of two MSc students while doing their Erasmus (six months each student) at University of Oxford, United Kingdom.
- 2015 – 2016 **Academic Director and Thesis Supervisor, MSc in Social Neuroscience.** Department of Psychology, Universidad Diego Portales, Chile.

TEACHING - UNDERGRADUATE

- 2018 – 2019 **Teaching assistant in Core Practical in Social Psychology course. BA in Experimental Psychology,** Department of Experimental Psychology, University of Oxford, United Kingdom. *Statistical and software guidance for experimental research in social psychology. Practical activities in classroom. Marking students' research reports.*
- 2013 – 2016 **Principal Lecturer in Neuroscience and Psychology, Research in Psychology, Statistics and Neural and Cognitive Bases of Decision-Making courses. BA in Psychology,** Department of Psychology, Universidad Diego Portales, Chile. *Selection of the contents of each course, teaching in a weekly basis, developing learning activities for students, and marking students' reports and exams.*
- 2015 **Principal Lecturer in Neuropsychology course. BA in Psychology,** Department of Psychology, Universidad de Valparaiso, Chile. *Selection of the contents of the course, teaching in a weekly basis, developing learning activities for students, and marking students' reports and exams.*
- 2006 – 2008 **Teaching assistant in Philosophical and epistemological foundations of Psychology and Cognitive Processes courses. BA in Psychology,** Department of Psychology, Universidad de Valparaiso, Chile. *Weekly teaching, practical activities and marking students' reports and exams.*

PUBLICATIONS (Citations > 310, h-index = 6. Google Scholar, <https://bit.ly/2ZV2AwO>)

1. **Contreras-Huerta, L. S.**, Coll, M.P., Bird, G., Yu, H., Prosser, A., Lockwood, P.L., Murphy, J., Crockett, M.J. and Apps, M.A. (2022). Neural representations of vicarious rewards are linked to interoception and prosocial behaviour. bioRxiv (under review at *eLife*)
2. **Contreras-Huerta, L. S.**, Pisauro, M. A., & Apps, M. A. (2020). Effort shapes social cognition and behaviour: A neuro-cognitive framework. *Neuroscience & Biobehavioral Reviews*, 118, 426-439.
3. **Contreras-Huerta, L. S.**, Lockwood, P. L., Bird, G., Apps, M. A., & Crockett, M. J. (2020). Prosocial behavior is associated with transdiagnostic markers of affective sensitivity in multiple domains. *Emotion*.
4. Cao, Y., **Contreras-Huerta, L. S.**, McFadyen, J., & Cunnington, R. (2015). Racial bias in neural response to others' pain is reduced with other-race contact. *Cortex*, 70, 68-78.

5. **Contreras-Huerta, L. S.**, Hielscher, E., Sherwell, C. S., Rens, N., & Cunnington, R. (2014). Intergroup relationships do not reduce racial bias in empathic neural responses to pain. *Neuropsychologia*, 64, 263-270.
6. Fuentes, M. A., Lavín, C., **Contreras-Huerta, L. S.**, Miguel, H., & Rosales Jubal, E. (2014). Stochastic model predicts evolving preferences in the Iowa gambling task. *Frontiers in computational neuroscience*, 8, 167.
7. **Contreras-Huerta, L. S.**, Baker, K. S., Reynolds, K. J., Batalha, L., & Cunnington, R. (2013). Racial bias in neural empathic responses to pain. *PloS one*, 8(12), e84001.
8. Lavin, C., San Martín, R., Bravo, D., **Contreras, L.**, & Isla, P. (2011). [Brain potentials related to feedback on the study of learning and economic decision making]. *Revista Latinoamericana de Psicología*, 43(3), 455-471. [In Spanish].
9. Muñoz, P. C., Aspé, M. A., **Contreras, L. S.**, & Palacios, A. G. (2010). Correlations of recognition memory performance with expression and methylation of brain-derived neurotrophic factor in rats. *Biological Research*, 43(2), 251-258.

GRANTS AND AWARDS

- 2016 – 2020 **Becas Chile PhD Scholarship. ~ USD 215,000.** National Agency for Research and Development (ANID). Government of Chile. *Graduate scholarship to pursue a PhD degree abroad.*
- 2019 **Wolfson College Travel Grant ~ USD 790.** University of Oxford. *Grant awarded to attend the 17th Society for Neuroeconomics Annual Meeting. October, Dublin, Ireland.*
- 2018 **Wolfson College Travel Grant ~ USD 790.** University of Oxford. *Grant awarded to attend Aegina Summer School 2018 “New Perspectives & Methods on Social Cognition”. June, Aegina, Greece.*
- 2018 **Grindley Grant ~ USD 100.** Experimental Psychology Society, United Kingdom. *Grant awarded for the attendance of the Experimental Psychology Society Meeting.*
- 2014 – 2016 **National Fund for Scientific and Technological Development (FONDECYT 1140114). ~ USD 270,000.** ‘Fluid Intelligence, Social Cognition, and Perspective Flexibility as Predictors of Psycho-social adaptability’ (Co-Investigator).
- 2011 – 2012 **Dean’s Commendation Award for High Achievement.** University of Queensland, Australia. *Recognition for exemplary academic performance during MSc in Neuroscience studies.*
- 2011 - 2012 **Becas Chile MSc Scholarship ~ USD 100,000.** National Agency for Research and Development (ANID) Government of Chile. *Graduate scholarship to pursue a MSc degree abroad.*

2004 - 2008 **Juan Gómez Millas. BA Scholarship ~ USD 10,000.** Ministry of Education, Government of Chile. *Full coverage of undergraduate studies fees*

2004 - 2008 **Juan Araya Villarreal' BA Scholarship.** Universidad de Valparaiso, Chile. *Annual financial aid during undergraduate studies.*

SELECTED TALKS AND CONFERENCE PRESENTATIONS

2022 **An ecological framework for prosocial behaviour: Foraging for others' rewards.** *Poster Presentation.* Computational Properties of the Prefrontal Cortex Meeting. March, Oxford, United Kingdom

2021 **Interoceptive sensitivity is associated with neural representation of others' rewards.** *Talk Presentation.* European Society for Cognitive and Affective Neuroscience (ESCAN) Annual Meeting. June, virtual conference.

2021 **Common mechanisms underlie prosocial behaviour in multiple domains.** *Poster Presentation.* European Society for Cognitive and Affective Neuroscience (ESCAN) Annual Meeting. June 2021, virtual conference.

2020 **Interoceptive sensitivity modulates prosocial behaviour for others' rewards.** *Talk Presentation.* Society for Neuroeconomics Annual Meeting. October, virtual conference.

2019 **Prosocial behaviour is associated with transdiagnostic markers of affective sensitivity in multiple domains.** *Poster Presentation.* Society for Neuroeconomics Annual Meeting. October, Dublin, Ireland.

2018 **Computational mechanisms of social decision-making in sub-clinical personality disorder.** *Poster Presentation.* Experimental Psychology Society meeting. April, Leicester, United Kingdom.

2017 **Understanding empathy and prosocial behaviour in healthy and psychiatric population: A social neuroscience perspective.** *Talk Presentation.* Symposium on Neuroscience and Psychology organised by the Psychology Department of the Universidad Diego Portales. December, Santiago, Chile.

ACADEMIC SERVICE

Journal Reviewing: Psychological Science, Cortex, NeuroImage, Social Cognitive and Affective Neuroscience (SCAN), Psychiatry Research, Biological Psychology, Journal of Alzheimer's Disease.

Grant Reviewing: National Fund for Scientific and Technological Development (FONDECYT). Chilean National Research and Development Agency (ANID).