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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. Geoff 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*)**, 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. *Research on prosocial decisions in foraging environments using fMRI and computational modelling as techniques.*
- 2013 - 2016 **Associate researcher**. Laboratory of Cognitive and Social Neuroscience, Department of Psychology, Universidad Diego Portales, Chile. *Technical advisory on social neuroscience research focused on the neural basis of social cognition, behaviour and decision making*
- 2013 – 2014 **Research assistant**. Laboratory of Psychology and Physiology of Welfare, School of Psychology, Universidad de Santiago de Chile. *Data collection and analysis for research on positive psychology using psychophysiological measures.*
- 2009 - 2010 **Research assistant**. The Interdisciplinary Centre for Neuroscience of Valparaiso (CINV), Universidad de Valparaíso, Chile. *Research on memory, learning and synaptic plasticity using behavioural paradigms and electrophysiological protocols in the rat hippocampus.*

TEACHING - GRADUATE

- 2015-2016 **Academic Director and Thesis Supervisor, MSc in Social Neuroscience**. Department of Psychology, Universidad Diego Portales, Chile.

TEACHING - UNDERGRADUATE

- 2018-2019 **Demonstrator in “Core Practical in Social Psychology” course.** BA in Experimental Psychology, Department of Experimental Psychology, University of Oxford, United Kingdom.
- 2013-2016 **Principal Lecturer.** BA in Psychology, Department of Psychology, Universidad Diego Portales, Chile. Courses: “*Neuroscience and Psychology*”, “*Research in Psychology*”, “*Statistics*” and “*Neural and Cognitive Bases of Decision Making*” courses.
- 2015 **Principal Lecturer in “Neuropsychology” course.** BA in Psychology, Department of Psychology, Universidad de Valparaiso, Chile.
- 2006-2008 **Teaching assistant.** BA in Psychology, Department of Psychology, Universidad de Valparaiso, Chile. Courses: “*Philosophical and epistemological foundations of theoretical systems in psychology*” and “*Cognitive Processes*” courses.

PUBLICATIONS

1. **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.
2. **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*.
3. 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.
4. **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.
5. 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.
6. **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 (Cited: 80).
7. Lavín, 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].
8. 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.** Science, Technology and Innovation for the Development of Chile. Government of Chile. *Graduate scholarship to pursue a PhD degree abroad.*
- 2019 **Wolfson College Travel Grant,** University of Oxford. *Grant awarded to attend the 17th Society for Neuroeconomics Annual Meeting. October, Dublin, Ireland.*
- 2018 **Wolfson College Travel Grant,** University of Oxford. *Grant awarded to attend Aegina Summer School 2018 "New Perspectives & Methods on Social Cognition". June, Aegina, Greece.*
- 2018 **Grindley Grant.** 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.** Science, Technology and Innovation for the Development of Chile. Government of Chile. *Graduate scholarship to pursue a MSc degree abroad.*
- 2004-2008 **'Juan Gómez Millas' BSc Scholarship ~ USD 10,000.** Ministry of Education, Government of Chile. *Full coverage of undergraduate studies fees*
- 2004-2008 **'Juan Araya Villarroel' BSc Scholarship.** Universidad de Valparaiso, Chile. *Annual financial aid during undergraduate studies.*

SELECTED TALKS AND CONFERENCE PRESENTATIONS

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

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

'Interoceptive sensitivity modulates prosocial behaviour for others' rewards'. Talk Presentation at the 18th Society for Neuroeconomics Annual Meeting. October 2020, virtual conference.

'Prosocial behaviour is associated with transdiagnostic markers of affective sensitivity in multiple domains'. Poster Presentation at the 17th Society for Neuroeconomics Annual Meeting. October 2019, Dublin, Ireland.

'Affective traits are the key drivers of prosocial choices: a transdiagnostic study'. Poster Presentation at the European Behavioural and Pharmacology Society Workshop "Animal and Human Behaviour: Using Computational Approaches to Build a Two-way Bridge". July 2018, Cambridge, United Kingdom

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

'Understanding empathy and prosocial behaviour in healthy and psychiatric population: A social neuroscience perspective'. Talk presentation at the 2nd Symposium on Neuroscience and Psychology organised by the Psychology Department of the Universidad Diego Portales. December 2017, Santiago, Chile.

ACADEMIC REVIEWING

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

REFERENCES

1. **Dr. Matthew A. J. Apps.** University of Birmingham, United Kingdom. m.a.j.apps@bham.ac.uk
2. **Dr. Molly J. Crockett.** Yale University, USA. molly.crockett@yale.edu.
3. **Dr. Geoffrey Bird.** University of Oxford, United Kingdom. geoff.bird@psy.ox.ac.uk