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Education

2018-today: PhD. Psychology, University of Edinburgh

2017-2018: MSc. Psychology, University of Edinburgh

2013-2015: MPhil. Psychology, University of Queensland

2003-2008: BSc. Psychology, Universidad de Tarapacá

Publications

Preprints

Puebla, G., & Bowers, J. S. (2021). Can deep convolutional neural networks learn same-different relations? *bioRxiv preprint* doi:10.1101/2021.04.06.438551

Doumas, L. A. A., Puebla, G., Martin, A. E., & Hummel, J. E. (2019). Relation learning in a neurocomputational architecture supports cross-domain transfer. *arXiv preprint* arXiv:1910.05065

Journal Articles

Puebla, G., Martin, A. E., & Doumas, L. A. A. (2021). The relational processing limits of classic and contemporary neural network models of language processing. *Language Cognition and Neuroscience*, 36(2), 240-254. doi:10.1080/23273798.2020.1821906

Chaigneau, S. E., Puebla, G. & Canessa, E, C. (2016). Why the designer's intended function is central for proper function assignment and artifact conceptualization: Essentialist and normative accounts. *Developmental Review*, 41, 38-50. doi:10.1016/j.dr.2016.06.002

Puebla G., & Chaigneau, S. E. (2014). Inference and coherence in causal-based artifact categorization. *Cognition*, 130, 50-65. doi:10.1016/j.cognition.2013.10.001

Chaigneau, S. E. & Puebla, G. (2013). The proper function of artifacts: Intentions, conventions and causal Inferences. *Review of Philosophy and Psychology*, 4(3), 391-406. doi:10.1007/s13164-013-0146-3

Conference Proceedings

Doumas, L. A. A., Puebla, G., Martin, A. E., & Hummel, J. E. (2020). Relation learning in a neurocomputational architecture supports cross-domain transfer. In S. Denison., M. Mack, Y. Xu, & B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society* (pp. 932-937). Cognitive Science Society. link

Puebla, G. & Chaigneau, S. E. (2019). A Piecemeal Processing Strategy Model for Causal-Based Categorization. In A.K. Goel, C.M. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society* (pp. 2613-2619). Montreal, QB: Cognitive Science Society. link

Doumas, L. A. A., Puebla, G., Hummel, J. E., & Martin, A. E. (2019). Predicate learning via neural oscillations supports one-shot generalization between video games. *3rd Conference on Cognitive Computational Neuroscience*. Berlin, Germany. doi:10.32470/CCN.2019.1112-0

Puebla, G., Doumas, L. A. A., & Martin, A. E. (2019). The relational processing limits of classic and contemporary neural network models of language processing. *3rd Conference on Cognitive Computational Neuroscience*. Berlin, Germany. doi:10.32470/CCN.2019.1022-0

Doumas, L. A. A., Hamer, A., Puebla, G. & Martin, A. E. (2017). A theory of the detection and learning of structured representations of similarity and relative magnitude. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 1955-1960). Austin, TX: Cognitive Science Society. link

Puebla-Ramírez, G. A. & Chaigneau, S. E. (2011). Is the Centrality of Design History Function an Effect of Causal Knowledge? In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1533-1538). Austin, TX: Cognitive Science Society. link

Grants

Chaigneau, S. E., Puebla, G. & Perez-Zapata, D. (2019-2021). FONDECYT regular grant No. 1190006 "A descriptive model of causal-based categorization", National Fund for Scientific and Technological Development (FONDECYT), Chile.

Scholarships

2017-2020 Becas Chile Doctoral Scholarship

2013-2015 Becas Chile Masters Scholarship

Teaching Experience

2019: *Tutor for Research Methods and Statistics 2, University of Edinburgh*
Tutoring and marking an undergraduate-level class in data analysis using R

2019: *Tutor for Introduction to Programming in Python, University of Edinburgh*
Developing materials for the tutorials in Python
Tutoring an undergraduate-level class in programming

2018: *TA & Tutor for Introduction to neural networks modelling, University of Edinburgh*
Developing materials for the tutorials in Python
Tutoring an undergraduate-level class in computational modeling

Professional Service

Ad Hoc Reviewer: PLOS ONE, Philosophical Transactions of the Royal Society B

Languages

Spanish	Mother tongue
English	Fluent

Software

Python, R

Personal

Born on December 1, 1984.

Chilean Citizen.

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