Alejandro de la Vega

Curriculum Vitae

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Education

Postdoctoral Fellow, Department of Psychology, University of Texas at Austin	2016-
Ph.D., Cognitive Neuroscience, University of Colorado Boulder	2006
M.A., Cognitive Psychology, University of Colorado Boulder	2012
B.A., Linguistics and Cognitive Science, Pomona College	2009

Awards

Merit Abstract Award, Organization for Human Brain Mapping	2019
Winner, Open Science Naturalistic Viewing Competition, Organization for Human Brain Mapping	2018
Fellow, Neurohackweek	2017
Fellow, Summer Institute in Cognitive Neuroscience	2012
Ford Foundation Fellowship, Honorable Mention (Alternate)	2011
National Science Foundation, Predoctoral Fellowship, Honorable Mention	2010
fMRI Training Course fellowship, University of Michigan-Ann Arbor	2010

Scientific Contributions

Publications

Dixon, M.L., **De La Vega, A.**, Mills, C., Andrews-Hanna, J., Spreng, R.N., Cole, M.W., & Christoff,K. (2018). Heterogeneity within the frontoparietal control network and its relationship to the default and dorsal attention networks. Proceedings of the National Academy of Sciences. 115(7), E1598-E1607.	2018
De La Vega, A., Tarkoni, T., Wager, T.D., & Banich, M.T. (2017). Large-scale meta-analysis suggests low regional modularity in lateral frontal cortex. Cerebral Cortex. 28(10), 3414–3428.	2017
McNamara, Q., **De La Vega, A.**, & Yarkoni, T. (2017). Developing a comprehensive framework for multimodal feature extraction. Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining. Pages 1567-1574.	2017
De La Vega, A. & Yarkoni, T. (2016). Response to Moreira et al. Journal Club. Journal of Neuroscience.	2016
De La Vega, A., Chang, L.J., Banich, M.T., Wager, T.D., & Yarkoni, T. (2016). Large-scale meta- analysis of human medial frontal cortex reveals tripartite functional organization. Journal of Neuroscience. 36(24):6553-6562.	2016
De La Vega, A., Brown, M.S., Snyder, H.R., Singel, D., Munakata, Y., Banich, M.T. (2014). Individual Differences in the Balance of GABA to Glutamate in pFC Predict the Ability to Select among Competing Options. Journal of Cognitive Neuroscience. 26(11), 2490-2502.	2014
Michaelson*, L., **De La Vega*, A.**, Chatham, C.H., & Munakata, Y. (2013). Delaying gratification depends on social trust. Frontiers in Psychology. 4, 355. * co-first authors	2013
Banich, M.T., **De La Vega, A.**, Andrews-Hanna, J.R., Mackiewicz-Seghete, K., Du., Y., & Claus E.D. (2013). Developmental trends and individual differences in brain systems involved in intertemporal choice during adolescence. Journal of Addictive Behaviors. 27(2), 416–430.	2013

Open Source Software

De La Vega, A., Blair, R., Razavi, P., & Yarkoni, T. (2019, March 13). neuroscout/neuroscout: 0.3.0 (Version v0.3.0). Zenodo. http://doi.org/10.5281/zenodo.2592675 — 2019

Yarkoni, T., Markiewicz, C.J., **De La Vega, A.**, Gorgolewski, K.J., Salo, T., Halchenko, Y.O.., … Blair, R. (2019, February 15). bids-standard/pybids: 0.8.0 (Version 0.8.0). Zenodo. http://doi.org/10.5281/zenodo.2566511 — 2019

Markiewicz, C.J., **De La Vega, A**,, Wagner, A., Halchenko, Y.O., Poldrack, R.A., & Gorgolewski, K.J. (2019, February 1). poldracklab/fitlins: 0.2.0 (Version 0.2.0). Zenodo. http://doi.org/10.5281/zenodo.2555453 — 2019

Presentations

Talks

De La Vega, A., McNamara, Q., Blair, R., Hanke, M, & Yarkoni, T. (accepted). Neuroscout: a cloud-based platform for flexible re-analysis of naturalistic fMRI datasets. Organization for Human Brain Mapping. Rome, Italy. — 2019

De La Vega, A., McNamara, Q., Hanke, M, & Yarkoni, T. (2018). An turnkey solution for rapid and flexible (re)analysis of naturalistic fMRI data. Organization for Human Brain Mapping. Singapore, Singapore. — 2018

De La Vega, A., McNamara, Q., Hanke, M, & Yarkoni, T. (2017). A cloud-based platform for flexible re- analysis of naturalistic fMRI datasets. International Neuroinformatics Coordinating Facility Congress. Kuala Lumpur, Malaysia. — 2017

Professional Service

Co-Organizer, Austin Code Rodeo Neurofinromatics Hackathon — 2018

Ad-hoc peer review

GigaScience (x3), Neuroimage (x3), eNeuro, Cerebral Cortex, Scientific Reports, Annual Conference on Cognitive omputational Neuroscience (x2), Organization for Human Brain Mapping, Proceedings of the Python in Science Conferences.

Teaching

Computer Laboratory for Instruction in Psychological Research (CLIPR) TA. — 2013-2016

- Developed and taught three part series, R for Psychologists every semester.

Teaching Assistant, General Statistics & Cognitive Neuroscience — 2012-2013

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