

CURRICULUM VITAE

Constanza Inez C. de Dios

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PRESENT TITLE

2019-Present **Postdoctoral Research Fellow**
Center for Neurobehavioral Research on Addiction
Louis A. Faillace, MD, Department of Psychiatry and Behavioral Sciences
UTHealth McGovern Medical School
University of Texas Health Science Center
Houston, TX

EDUCATION

2016-2019 Ph.D. Psychology
University of South Florida, Tampa, FL
Concentration: Cognition, Neuroscience, and Social Psychology

2013-2016 M.A. Psychology
University of South Florida, Tampa, FL
Concentration: Cognition, Neuroscience, and Social Psychology

2008-2012 B.S. Psychology
Saint Mary's College of California, Moraga, CA
Concentration: Experimental/Neuroscience Psychology
Summa Cum Laude

PUBLICATIONS

Peer-Reviewed Original Journal Articles

In Press

Suchting, R., Tirumalajaru, V., Gareeb, R. M., Bockmann, T., **de Dios, C.**, Aickareth, J., Pinjari, O., Soares, J. C., Cowen P. J., & Selvaraj, S. (In Press). Revisiting monoamine oxidase inhibitors for the treatment of depressive disorders: A systematic review and network meta-analysis. *Journal of Affective Disorders*.

- Yoon, J. H., **de Dios, C.**, Suchting R., Vincent J. N., McKay S. A., Lane S. D., & Schmitz J. M. (2020). Initial development of a brief assessment of cocaine demand using a weekend time parameter. *Behavioral Psychopharmacology*, *accepted*.
- Webber, H. E., **de Dios, C.**, Wardle M. C, Suchting R., Green C. E., Schmitz, J. M., Lane, S. D., & Versace, F. (In Press). Electrophysiological responses to emotional and cocaine cues reveal individual neuroaffective profiles in cocaine users. *Experimental and Clinical Psychopharmacology*.
- Hunt, C., Macedo, T., Suchting, R., **de Dios, C.**, Cuellar Leal, V. A., Soares, J. C., Dantzer, R., & Teixeira, A. (2020). Effect of immune activation on the kynurenine pathway and depression symptoms – a systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, *118*, 514-523. <https://doi.org/10.1016/j.neubiorev.2020.08.010>
- Soder, H. E., **de Dios, C.**, & Potts, G. F. (2016). The role of the neural reward system in attention selection. *NeuroReport*, *27*(10), 787-790. [10.1097/wnr.0000000000000617](https://doi.org/10.1097/wnr.0000000000000617)
- Under Review**
- de Dios, C.**, Fernandes, B. S., Whalen, K., Bandewar, S., Huynh, T., Soares, J. C., & Selvaraj, S. Prescription fill patterns for benzodiazepines during the early stages of COVID-19 pandemic in the United States. *Under review*, 2020.
- Huynh, T., Paim Diaz, A., **de Dios, C.**, Mwangi, B., Soares, J., & Selvaraj, S. Internet search trends for suicide during the COVID-19 pandemic. *Under review*, 2020.
- Yammine, L., Green, C. E., Kosten, T. R., Suchting, R., **de Dios, C.**, Lane, S. D., Verrico, C. D., & Schmitz, J.M. Exenatide adjunct to nicotine patch facilitates smoking cessation and may reduce post-cessation weight gain: a pilot randomized controlled trial. *Under review*, 2020.
- de Dios, C.**, Suchting, R., Webber, H. E., Yoon, J. H., Yammine, L., Vincent, J., Weaver, M. F., Stotts, A. L., Schmitz, J. M., & Lane, S. D. Speed-accuracy trade-off during anti-saccade testing differentiates patients with cocaine use disorder who achieve initial treatment abstinence. *Under review*, 2020.
- Nakano, H., Rosario, M-A. M, & **de Dios, C.** Extended time development of posterior alpha EEG in dancers reflects functional inhibition. *Under review*, 2020.

Book Chapters

- Soder HE, Hoffman JL, **de Dios C**, Webber TA (2021). Best practices for studying addiction. In D. F. Ragin & J. P. Keenan (Eds.), *Handbook of research methods in health psychology* (73-86). New York NY & Abingdon, Oxon: Routledge.

PRESENTATIONS

Conference Presentations

- Yammine, L., Green, C., Kosten, T. R., Suchting, R., **de Dios, C.**, Verrico, D, & Schmitz J. (2020, June). *Pilot randomized controlled trial of exenatide combined with nicotine patch to promote smoking*

cessation and prevent weight gain. Talk presented at College on Problems of Drug Dependence Annual Meeting, Virtual.

Soder H. E., Kessler, D. A., McKay, S. A., Wardle, M. C., Suchting, R., **de Dios, C.**, Green, C. E., Lane, S. D., Schmitz, J. M., & Versace, F. (2020, October). *Electrophysiological individual differences to cocaine-related and other emotional stimuli in individuals with cocaine addiction.* Poster presented at the 60th Meeting of the Society for Psychophysiological Research, Virtual.

de Dios, C., Ford, S., & Potts, G. F. (2019, September). *Comparing reward and instructional relevance in target detection.* Poster presented at the 59th Meeting of the Society for Psychophysiological Research in Washington DC, USA.

Soder, H. E., **de Dios, C.**, Akula, V. K., McDonald, R. V., & Potts, G. F. (2019, September). *Feedback-related negativity reflects unexpected presence or absence of emotional images.* Poster presented at the 59th Meeting of the Society for Psychophysiological Research in Washington DC, USA.

de Dios C. & Potts, G. F. (2018, October). *Learning to associate reward values with cues.* Poster presented at the 58th Meeting of the Society for Psychophysiological Research in Quebec City, Quebec, Canada.

de Dios, C. & Potts, G. F. (2017, October). *Reward's impact on attention: Cue-like or target-like?* Poster presented at the 57th Meeting of the Society for Psychophysiological Research in Vienna, Austria.

Dell, J., **de Dios C.**, Horner, C., Martinez, R., & O'Brien, J. (2017, October). *Value learning and early visual processing.* Poster presented at the 57th Meeting of the Society for Psychophysiological Research in Vienna, Austria.

de Dios, C., & Potts, G. F. (2016, September). *Does incentive salience direct early attention? An ERP investigation.* Poster presented at the 56th Meeting of the Society for Psychophysiological Research in Minneapolis, MN, USA.

de Dios, C., Horner, C., Martinez, R., & O'Brien, J. (2016). Can value learning modulate early visual processing? [Abstract] *Journal of Vision*, 16(89), doi:10.1167/16.12.89.

de Dios, C. & Potts, G. F. (2016, April). *Incentive salience produces early attention allocation: An ERP investigation.* Poster presented at the 23rd Cognitive Neuroscience Society Meeting in New York, NY, USA.

de Dios, C. & Potts, G. (2014, September). *The effect of error monitoring systems on spatial attention.* Poster presented at the 54th Meeting of the Society for Psychophysiological Research in Atlanta, GA, USA.

Rosario, M.-A., Nakano, H., & **de Dios, C.** (2014, April). *Identifying an EEG spectral response to preferred music.* Poster presented at the 21st Cognitive Neuroscience Society Meeting in Boston, MA, USA.

de Dios, C., Wan, N. J. A., Rosario, M.-A. M., & Nakano, H. (2012, March). *Music processing in experienced dancers and non-dancers: An EEG spectral analysis*. Poster presented at the 19th Cognitive Neuroscience Society Meeting in Chicago, IL, USA.

de Dios, C., Wan, N. J. A., Rosario, M.-A. M., & Nakano, H. (2011, April). *Music processing in dancers and non-dancers: A preliminary EEG frequency analysis*. Poster presented at the 41st Western Psychology Conference for Undergraduate Research at Saint Mary's College of California, USA.

GRANTS AND AWARDS

2014-2018 Conference Presentation Grant, University of South Florida
(Grant to fund travel and presentation expenses in CNS and SPR conferences)

2012 Undergraduate Student Research and Professional Development Fund, Saint Mary's College of California
(Grant to support completion and presentation of EEG study on music processing)

2012 Frederick Whelan Psychology Department Award, Saint Mary's College of California
(Given to a graduating senior with an outstanding scholastic record as a psychology major)

2011 Summer Research Award
School of Science Summer Research Program, Saint Mary's College of California
(Stipend and award to conduct own research under mentor's supervision)

TEACHING

2018-2019 **Cognitive Psychology** (Instructor of Record), USF

2016-2017 **Physiological Psychology** (Instructor of Record), USF

2013-2018 **Research Methods in Psychology** (Lab Instructor), USF
Instructors: Marina Bornovalova, Ph.D., William Sacco, Ph.D., Michael Brannick, Ph.D.

2014-2016 **Introduction to Psychological Science** (Lab Instructor), USF
Instructors: Jane Noll, Ph.D., Jennifer Bosson, Ph.D., Alaina Talboy, M.A.
(Online)

2015, 2018 **Cognitive Psychology** (Teaching Assistant), USF
Instructor: Kenneth Malmberg, Ph.D. (Online)

MENTORING

- 2019-current Kaitlin White, USF
Feedback-related negativity responds to presence or absence of motivationally salient images regardless of valence
- 2018-2019 Vamshi Akula, Bachelors Thesis, USF
Medial frontal cortex responses to positive and negative emotion prediction
- 2018 Joelle Castle & Mark Zimmer, Psych Expo 2018, USF
The Effects of Reward on Attention: An Investigation of Reaction Time and Accuracy
- 2018-2019 Steven Ford, Bachelors Honors Thesis, USF
Independent Effects of Reward on Attention
- 2015-2016 Carlene Horner, Masters Thesis, USF
The Effect of Value Learning on Attentional Resources During Top-Down Processing: An ERP Study

ANALYTICS SKILLS

R
Python, MATLAB, SPSS
EEGLAB, Net Station, E-Prime

PROFESSIONAL MEMBERSHIPS

Cognitive Neuroscience Society
Society for Psychophysiological Research
Vision Sciences Society
Psi Chi Honor Society
American Psychological Association
Alpha Mu Gamma Foreign Language Honor Society

SERVICE

- 2017-2018 **Graduate Representative to the Executive Committee**
Department of Psychology, USF
- 2015-2017 **Secretary and United Faculty of Florida Senator (Elected)**
USF Graduate Assistants United, United Faculty of Florida
- 2014-2015 **Brown Bag Committee Co-Chair**
Department of Psychology, USF