

## Curriculum Vitae

April 2019

### Christian A. Navarro-Torres

Department of Psychology

University of California, Riverside

Riverside, CA 92521

Email: [navarro.torresc@gmail.com](mailto:navarro.torresc@gmail.com)

Website: <https://bilingualismmindbrain.com/lab-members/christian-navarro-torres/>

### EDUCATION

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- Aug 2016-pres      University of California, Riverside, California USA  
PhD Cognitive Psychology  
Advisor: Judith F. Kroll
- June 2016            Penn State University, University Park, Pennsylvania USA  
M.S. Cognitive Psychology  
Thesis: *Examining structural constraints in bilingual language processing and speech production*  
Advisors: Judith F. Kroll & Paola E. (Giuli) Dussias
- June 2011            University of Puerto Rico, Río Piedras, Puerto Rico  
B.A., Philosophy, *Magna Cum Laude* and *High Distinction*

### FELLOWSHIPS AND AWARDS

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- 2019            National Institutes of Health Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research, 1F31HD098783-01: *Engaging cognition during bilingual language processing*, 2019-2021 (\$78,976).
- 2018            American Psychological Association (APA) Dissertation Research Award (\$1,000).
- 2018            National Science Foundation Doctoral Dissertation Research Grant, BCS – 1824072 (PI: Judith F. Kroll): *Catching the cognitive consequences of bilingual language processing on the fly*, 2018-2020 (\$18,661).
- 2016            Penn State Center for Language Science PIRE Fellowship (spring), *NSF Partnerships for International Research and Education* (Travel Award).
- 2015            2015 Linguistic Institute Fellowship, *Linguistic Society of America* (Tuition Award).
- 2015            Penn State Center for Language Science PIRE Fellowship (summer), *NSF Partnerships for International Research and Education* (Travel Award).

- 2014 National Science Foundation Graduate Research Fellowship (GRFP): *When Exceptions Matter: Examining Structural Constraints in Bilingual Language Processing*, 2014-2018 (\$100,000).
- 2014 Penn State Bunton-Waller Graduate Award (\$3,000).
- 2011 NIHDCD, 3R01DC007428-07S2: Diversity Supplement to *Language Development and Outcome in Children with Autism*, 2011-2012 (\$37,000).

## PUBLICATIONS

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- Navarro-Torres, C. A., Dussias, P. E., & Kroll, J. F. (*under review*). When Exceptions Matter: Examining structural constraints in bilingual sentence production and its relation to cognitive control. *Cognitive Science*.
- Navarro-Torres, C. A., Garcia, D., Chidambaram, V., & Kroll, J. F. (*under review*). Cognitive control facilitates attentional disengagement during second language sentence comprehension. *Brain Sciences*.
- Beatty-Martinez, A. L., Navarro-Torres, C. A., Dussias, P. E., Bajo, T., Guzzardo-Tamargo, R. E., & Kroll, J. F. (*under review*). Beyond simple replication: Interactional context and immersion status determine the consequences of bilingualism for language and cognition. *Journal of Experimental Psychology (JEP): Learning, Memory, and Cognition*.
- Zhang, H., Eppes, A., Beatty-Martinez, A. L., Navarro-Torres, C. A., Diaz, M. (2018). Task difficulty modulates brain-behavior correlations in language production and cognitive control: Behavioral and fMRI evidence from a phonological Go - No-Go picture naming paradigm. *Cognitive, Affective, and Behavioral Neuroscience*.
- Fricke, M., Zirnstein, M., Navarro-Torres, C., & Kroll, J. F. (2018). Bilingualism reveals fundamental variation in language processing. *Bilingualism: Language and Cognition*.
- Kroll, J. F., & Navarro-Torres, C. (2018). Bilingualism. In (J. Wixted, Ed.), *The Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience* (pp. 245-274), Section IV. (S. Thompson, Schill, Ed.), *Language and Thought*. Hoboken, NJ: Wiley/Blackwell.
- Weiss, D. J., Bulgarelli, F., Navarro-Torres, C., & Morales-Castillo, J. (2017). Translating Research to Practice in the Language Sciences. *Translational Issues in Psychological Science*, 3(1), 1-4. <http://dx.doi.org/10.1037/tps0000107>

## INVITED TALKS

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- Navarro-Torres, C. A. (2019). Engaging cognitive control on the fly during second language processing. *Department of Psychology Cognitive Brownbag*. University of California, Riverside.
- Navarro-Torres, C. A., & Beatty-Martinez, A. (2018). El bilingüismo como herramienta para evaluar la mente, el cerebro y el comportamiento lingüístico. *Encuentro Estudiantil de Lingüística (EEL)*. University of Puerto Rico, Río Piedras, Puerto Rico.

Navarro-Torres, C. A. (2018). Beyond simple replication: Examining the role of interactional context and immersion status in bilingual language production. *Department of Psychology Cognitive Brownbag*. University of California, Riverside.

Navarro-Torres, C. A. (2016). When exceptions matter: Examining structural constraints in bilingual sentence production and its relation to cognition. *Department of Psychology Cognitive Brownbag*. University of California, Riverside.

Navarro-Torres, C. A., & Beatty-Martinez, A. (2016). Bilingualism as a tool to examine language in production and comprehension. *Language & Multilingualism Laboratory*. McGill University, QC, Canada.

Navarro-Torres, C. A. (2016). When exceptions matter: Examining structural constraints in bilingual sentence production and its relation to domain-general cognition. *Department of Psychology Cognitive Brownbag*, Pennsylvania State University.

## CONFERENCE PRESENTATIONS (TALKS)

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Navarro-Torres, C. A., Beatty-Martínez, A. L., Dussias, P. E., Bajo, M. T., Guzzardo Tamargo, R. E., & Kroll, J. F. (June 2019). Variability in language regulation is modulated by bilinguals' interactional context. Talk to be presented at the biennial meeting of the *International Symposium on Bilingualism (ISB12)*, Alberta, Canada.

García, D., Navarro-Torres, C.A., Chidambaran, V., Sorace, A., & Kroll, J. F. (June 2019). Catching the cognitive consequences of bilingual language processing on the fly. Talk to be presented at the biennial meeting of the *International Symposium on Bilingualism (ISB12)*, Alberta, Canada.

Beatty-Martínez, A. L., Navarro-Torres, C. A., Dussias, P. E., Bajo, M. T., Guzzardo Tamargo, R. E., & Kroll, J. F. (June 2019). Bilinguals' interactional contexts and immersion status impose different demands on language processing and cognitive control. Talk to be presented at the biennial meeting of the *International Symposium on Bilingualism (ISB12)*, Alberta, Canada.

Navarro-Torres, C., Hopp, H., Kroll, J. F., Dussias, P. E. (2017). When exceptions matter: Examining structural constraints in bilinguals' production and comprehension. Talk presented at the biennial meeting of the *International Symposium on Bilingualism (ISB11)*, Limerick, Ireland.

Navarro-Torres, C., Cox, L., Kroll, J. F., Dussias, P.E. (2016). On the role of domain general cognition in bilingual sentence production. Talk presented at the *International Symposium on Bilingual Processing in Adults and Children (ISBPAC)*, Kaiserslautern, Germany.

## CONFERENCE PRESENTATIONS (POSTERS)

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Navarro-Torres, C., García, D., Chidambaram, V., Sorace, A., & Kroll, J. F. (2018). Catching the cognitive consequences of bilingual language processing on the fly. Poster presented at the 59<sup>th</sup> *UCR Annual Meeting of the Psychonomic Society*, New Orleans, LA.

- García, D., Navarro-Torres, C., Chidambaram, V., Sorace, A., & Kroll, J. F. (2018). Catching the cognitive consequences of bilingual language processing on the fly. Poster presented at the 11<sup>th</sup> *UCR Annual Psychology Undergraduate Research Conference*, Los Angeles, CA.
- García, D., Navarro-Torres, C., Chidambaram, V., Sorace, A., & Kroll, J. F. (2018). Catching the cognitive consequences of of bilingual language processing on the fly. Poster presented at the 27<sup>th</sup> *UCLA Annual Psychology Undergraduate Research Conference*, Los Angeles, CA.
- Beatty-Martinez, A., Navarro-Torres, C., Dussias, P. E., Kroll, J. F. (2017). Examining the effects of word frequency, language use, and immersion context on bilingual picture naming. Poster presented at the 58<sup>th</sup> *Annual Meeting of the Psychonomic Society*, Vancouver, Canada.
- Gullifer, J. W., Berry, G. M., Navarro-Torres, C., Kroll, J. F., Dussias, P. E. (2016). What about the syntax? Bilingual word recognition in sentence context. Poster presented at the second *International Meeting of the Psychonomic Society*, Granada, Spain.
- Krass, K., Navarro-Torres, C., Kroll, J. F., Rossi, E. (2015). The role of discourse context in pronoun resolution: evidences from Event Related Potentials (ERPs). Poster presented at the annual meeting of the *Society for the Neurobiology of Language (SNL)*. Chicago, IL.
- Gullifer, J., Kroll, J. F., Dussias, P. E., Navarro-Torres, C., Berry, G. M. (2015). Using syntactic priming to identify cross-language constraints in bilingual language processing. Poster presented at the *Multiple Perspectives on Bilingualism and the Brain*. Montreal, Quebec.
- Navarro-Torres, C., Kroll, J. F., Dussias, P.E. (2015). Examining Structural Constraints in Spanish-English Bilingual Speech Production. Poster presented at the 56<sup>th</sup> *Annual Meeting of the Psychonomic Society*, Chicago, IL.
- Krass, K., Navarro-Torres, C., Kroll, J. F., Rossi, E. (2015). The role of discourse context in pronoun resolution: evidences from Event Related Potentials (ERPs). Poster presented at the annual meeting of the *Cognitive Neuroscience Society (CNS)*. San Francisco, CA.
- Gullifer, J., Kroll, J. F., Dussias, P. E., Navarro-Torres, C. & Berry, G. M. (2015). Using syntactic priming to identify cross-language constraints in bilingual language processing. Poster presented at the 10<sup>th</sup> biennial meeting of the *International Symposium on Bilingualism (ISB10)*. New Brunswick, New Jersey.
- Rojas, S.X., Beatty-Martínez, A., Navarro-Torres, C. & Dussias, P.E. (2014). Adjectival constraints in Spanish-English code-switching: Examining the role of gender in complex nominal constructions. Poster presented at the *Penn State Undergraduate Exhibition in Hispanic and General Linguistics*. Pennsylvania State University, PA.
- Soliván Rivera, J.A., Beatty-Martínez, A., Navarro-Torres, C. & Dussias, P.E. (2014). Distributional and frequency properties in semi-spontaneous Spanish-English codeswitching. Poster presented at the *Penn State Undergraduate Exhibition in Hispanic and General Linguistics*. Pennsylvania State University, PA.
- Beatty-Martínez, A., Navarro-Torres, C. & Dussias, P.E. (2014). On the processing of mixed language input in bilingual children: A visual world paradigm study. Poster presented at the *Bilingualism Focal Point*. University of Illinois-Urbana Champaign. IL.
- Tovar, A.T., Navarro-Torres, C., Goodwin, A., Jyotishi, M., Fein, D. A. & Naigles, L. (2013). Comparing Grammatical Items in Spontaneous Speech Vs Parent Report in ASD. Poster presented at the 12<sup>th</sup> annual *International Meeting for Autism Research*, Donostia/San Sebastián, Spain.

- Navarro-Torres, C., Rubin, D., Tovar, A., Fein, D., Naigles, L. (2013). Developmental Predictors of Theory of Mind in Children with ASD. Poster presented at the 4<sup>th</sup> Annual *University of Connecticut Language Festival*, Storrs, CT.
- Navarro-Torres, C., Tovar, A., Fein, D., & Naigles, L. (2013). Is Negation a Productive Morphosyntactic Form for Children with ASD? Poster presented at the 2013 biennial meeting of the *Society for Research in Child Development*, Seattle, WA.
- Kelty-Stephen, E., Navarro-Torres, C., Fein, D., & Naigles, L., (2012). Language Development in ASD: Longitudinal Growth Curves Support Subgroups of ASD. Poster presented at the 53<sup>rd</sup> *Annual Meeting of the Psychonomic Society*, Minneapolis, MN.
- Navarro-Torres, C., Tovar, A., Fein, D., & Naigles, L. (2012). Do Children with ASD Use Imitation to Acquire Negation Markers? Poster presented at the 11<sup>th</sup> annual *International Meeting for Autism Research*, Toronto, Canada.

## TEACHING/LECTURING EXPERIENCE

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- Fall 2016      *University of California, Riverside*  
 Bilingual Minds and Brains (PSYCH 353)  
 Professor: Judith Kroll  
 \*Guest Lecturer: "Codeswitching"
- Spring 2016      *The Pennsylvania State University*  
 Teaching Assistant: Introduction to Cognitive Psychology (PSYCH 256)  
 Professor: Brad Wyble  
 \*Lecturer: "Language"
- Fall 2015      *The Pennsylvania State University*  
 Teaching Assistant: Language and Thought (PSYCH 426/LING 429)  
 Professor: Janet van Hell  
 \*Lecturer: "Developmental Language Disorders and Atypical Language Development: Autism"

## UNDERGRADUATE RESEARCH SUPERVISION AND MENTORSHIP

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<b>UConn</b>	<b>(For research course credits)</b>	<b>Penn State</b>	<b>(For research course credits)</b>
2011	Diana Dupuy, Lauren Peterson, Dan Clifford, Kim Ellison, Michelle Cheng, Christen Orticari, Emily Potrzeba, Ainslee Erhard,	2013	Doug Squires, Lauren Barnes, Richard Castano
2012	Julia Poole, Whitney Hoffman, Marylin Richard, Stephanie Sala, Katherine Miller	2014	Maria Fabrizio, Michelle Roques Brador
2013	Nichole Ellison, Taylor Carter, Enitare Ogula, Robert Neubauer,	2015	Nick Pollio, Olivia Michele Cieslar, Ashley Wagner

Malory Delgado

**UC Riverside (For research course credits)**

2016-2018 Dalia Garcia, Samah Shaikh,  
Gabriela Young, John Rodriguez

2018-2019 Sharon Lopez, Rabeea Shaikh,  
Giselle Moreno, Kelly Vazquez

**RESEARCH EXPERIENCE**

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- Summer 2016 **Visiting Scholar** (with Holger Hopp)  
Technische Universität Braunschweig, Germany
- Summer 2015 **Visiting Scholar** (with Holger Hopp)  
University of Mannheim, Germany
- 2013-2014 **Research Technologist** (with Judith Kroll, Paola Dussias, & Janet van Hell)  
Center for Language Science, Penn State University
- 2011-2013 **Research Assistant** (with Letitia Naigles)  
UConn Child Language Lab, University of Connecticut
- 2010 **Undergraduate Research Assistant** (with Emily Sáez)  
Project EMAS – Institute for Psychological Research, University of Puerto Rico

**EDITORIAL**

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- 2016-2017 Associate Editor  
*Translational Issues in Psychological Science: Special Issue on Translating Research to Practice in the Language Sciences*
- Ad-Hoc Reviewer  
*Translational Issues in Psychological Science*

**MEMBERSHIPS**

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American Psychological Society  
Psychonomic Society  
Linguistic Society of America