

## CURRICULUM VITAE OF CARLOS CARDENAS-INIGUEZ

### Contact Information:

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### Current Position:

2012- University of Chicago Graduate Student, Department of Psychology.  
Integrative Neuroscience Program

### Previous Scientific Positions:

2007-2012 Massachusetts Institute of Technology Research Assistant

### Education:

2009 B.S., Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge  
Minor: Psychology

### Publications:

- 1) Cloutier, J., **Cardenas-Iniguez, C.**, Gyurovski, I., Barakzai, A., & Li, T. (2016). Neuroimaging investigations of social status and social hierarchies. In J. Cloutier & J. R. Absher (eds.), *Neuroimaging Personality, Social Cognition and Character: Traits and Mental States in the Brain* (pp. 187-213). Elsevier.
- 2) Cacioppo, S., Bunge, M., Balogh, S., **Cardenas-Iniguez, C.**, Qualter, P., & Cacioppo, J. T. (2015). Loneliness and implicit attention to social threat: A high-performance electrical neuroimaging study. *Cognitive neuroscience*, (ahead-of-print), 1-22. DOI: 10.1080/17588928.2015.1070136.
- 3) Li, T., **Cardenas-Iniguez, C.**, Correll, J., & Cloutier, J. (2015). The impact of motivation on race-based impression formation. *NeuroImage*. 124, 1-7.
- 4) Thompson, T.W., Waskom, M.L., Garel, K.A., **Cardenas-Iniguez, C.**, Reynolds, G.O., Winter, R., Chang, P., Pollard, K., Lala, N., Alvarez, G.A., Gabrieli, J.D.E. (2013). Failure of Working Memory Training to Enhance Cognition or Intelligence. *Plos ONE*, **8**, e63614
- 5) Wu, S., Bachrach, A., **Cardenas, C.**, & Schuler, W. (2010). Complexity metrics in an incremental right-corner parser. Proceedings of the 48th Annual Meeting of the Association for Computational Linguistics (pp. 1189-1198). Association for Computational Linguistics.
- 6) Roark, B., Bachrach, A., **Cardenas, C.**, & Pallier, C. (2009). Deriving lexical and syntactic expectation-based measures for psycholinguistic modeling via incremental top-down parsing. Proceedings of the 2009 Conference on Empirical Methods in Natural Language Processing: Volume 1-Volume 1 (pp. 324-333). Association for Computational Linguistics.
- 7) Gyurovski, I., Kubota, J., **Cardenas-Iniguez, C.**, Cloutier, J. (submitted). Social status level and dimension interactively influence person evaluations indexed by P300s.
- 8) Norton, E. S., Beach, S. D., Eddy, M. D., **Cardenas-Iniguez, C.**, Cyr, A., Garel, K.-L., Ozranov-Palchik, O., Gaab, N., & Gabrieli, J.D.E. (in preparation). Relations among pre-reading skills and the EEG mismatch negativity response in kindergarten children.

### Posters and Presentations:

- 1) Gyurovski, I., **Cardenas-Iniguez, C.**, Cloutier, J. (January 2016) An ERP Investigation of Status-Based Evaluations. Poster presented at the Society for Personality and Social Psychology Annual Meeting, San Diego, CA.
- 2) Li, T., **Cardenas-Iniguez, C.**, Berman, M., Cloutier, J. (April 2015) The Impact of Childhood Interracial Contact on Brain Responses to Faces: A Partial Least Squares Analysis. Poster presented at the Social and Affective Neuroscience Society Annual Meeting 2015, Boston, MA.
- 3) Gyurovski, I., **Cardenas-Iniguez, C.**, Cloutier, J. (April 2015) Perceiving Social Status: An ERP Investigation of the Effects of Status Level and Dimension. Poster presented at the Social and Affective Neuroscience Society Annual Meeting 2015, Boston, MA.

- 4) **Cardenas-Iniguez, C.**, Decety, J., Cloutier, J. (February 2015) Subjective Social Status and Moral Evaluation in Dyadic Harmful Interaction. Poster presented at the Society for Personality and Social Psychology Annual Meeting 2015, Long Beach, CA.
- 5) **Cardenas-Iniguez, C.**, Cloutier, J., Kelley, W.M., Heatherton, T.F. (April 2014) Brain activity during humor processing of painful stimuli. Poster presented at the Social and Affective Neuroscience Society Annual Meeting 2014, Denver, CO.
- 6) Beach, S.D., **Cardenas-Iniguez, C.**, Eddy, M.E., Gabrieli, J.D.E., Perrachione, T.K. (April, 2014) Expectation-based neural adaptation deficits in dyslexia. Poster presented at The Cognitive Neuroscience Society Annual Meeting 2014, Boston, MA.
- 7) **Cardenas-Iniguez, C.**, Li, T., Correll, J., Cloutier, J. (November, 2013) The impact of implicit prejudice on the neural substrates of race perception. Poster presented at the Society for Social Neuroscience Pre-SfN Meeting, San Diego, CA.
- 8) Beach, S.D., Norton, E.S., Ozernov-Palchik, O., Cyr, A.B., **Cardenas-Iniguez, C.**, Eddy, E.M., Gabrieli, J.D.E., Gaab, N. (July, 2012) ERP mismatch negativity differentiates subtypes of kindergartners at risk for dyslexia. Poster presented at the Annual Meeting for the Society for the Scientific Study of Reading.
- 9) Bachrach, A., Brown, M., **Cardenas, C.**, Felsovalyi, O., Marantz, A., Gabrieli, J.D.E. (April, 2008) Imaging of language processing and syntactic complexity in a naturalistic context. Poster presented at the Annual Meeting for the Cognitive Neuroscience Society

#### Grants, Fellowships, and Awards:

2012	University of Chicago	SBE Professionalization Program Grant (\$600)
2013	University of Chicago	Norman Anderson Grant (\$325)
2013	University of Chicago	Norman Anderson Grant (\$800)
2013	University of Chicago	Norman Anderson Grant (\$1000)
2014	University of Chicago	Jane Morton and Henry C. Murphy Award
2014	UC Davis	Scholar, ERP Boot Camp
2015	University of Chicago	Norman Anderson Grant (\$800)
2015	University of Chicago	UChicagoGRAD Innovation Grant (\$5000)
2016	University of Chicago	Norman Anderson Grant (\$800)
2016	Kavli Institute	Fellow, Summer Institute for Cognitive Neuroscience (SICN)

#### Teaching Assistant Experience:

Fall 2014	University of Chicago	Sensation & Perception	Professor Steve Shevell
Fall 2014	University of Chicago	The Empathic Brain	Professor Jean Decety
Spring 2015	University of Chicago	Cognitive Psychology	Professor Marc Berman
Fall 2015	University of Chicago	Psychology and Neurobiology of Stress	Professor Greg Norman
Winter 2016	University of Chicago	Social Psychology	Professor William Goldstein
Spring 2016	University of Chicago	Cognitive Psychology	Professor Marc Berman

#### Additional Work Experience:

##### Graduate Research Assistant, Faculty Diversity Initiatives in the Office of the Provost, University of Chicago

June 2014-Present

Supervisor: Tamara Johnson, Director of Faculty Diversity Initiatives

Responsibilities include: researching best practices at peer institutions as they pertain to diverse faculty recruitment and retention, collect and analyze institutional data, support planning and implementation of programs and projects. Assisted in the writing of the Promising Practices Handbook of Diverse Faculty Recruitment.

##### Graduate Researcher in the Environmental Neuroscience Lab

##### Department of Psychology, University of Chicago

August 2015-Present

Supervisor: Marc Berman

Research Projects: Investigating the role of environmental factors, such as socioeconomic status and poverty, on a number of cognitive processes, such as self-regulation.

**Graduate Researcher in the Cloutier Lab and High-Performance Electrical Neuroimaging Laboratory, Department of Psychology, University of Chicago**

October 2012-June 2015

Supervisors: Jasmin Cloutier, Jennifer Kubota, John Cacioppo, Jean Decety

Research Projects: Investigating the role of context effects, such as social status and race cues, and empathy on the perception of intentional harm, Neural substrates underlying categorization of objects using social status cues.

Developed and implemented behavioral tasks, scripts and analysis for us in behavioral, fMRI, and ERP Studies.

Created training materials for use by researchers in the department, including scripts for preprocessing and statistical analysis.

**Research Assistant in the Gabrieli Lab**

**McGovern Institute for Brain Research, Massachusetts Institute of Technology**

September 2007-August 2012

Supervisors: John Gabrieli (PI), Marianna Eddy, Julie Yoo, Tyler Perrachione, Elizabeth Norton, Joanna Christodolou, Todd Thompson

Research Projects: Investigating the impact of working memory training on fluid intelligence. Exploring predictive role of EEG mismatch negativity (MMN) in kindergarten children. Developed and implemented behavioral tasks, scripts and analysis for us in behavioral, fMRI, MEG, and ERP Studies. Created training materials for use by researchers in the department, including scripts for preprocessing and statistical analysis.

**Organizational and Leadership Experience:**

**Head Organizer of Committee for Minority Graduate Students in Social Sciences Division, The University of Chicago**

Fall 2013- Present

Conceptualized and arranged a mixer for all graduate students in the social sciences division from underrepresented minority (URM) groups. Winter 2014. Identified and communicated with sources of logistical and financial support for URM graduate students within the social science division. Organized and moderated discussions between students and division administrators to identify student needs.

Organized cross-divisional events with members of the Multicultural Graduate Community (MGC).

**President of the Psychology Graduate Student Organization (PGSO), The University of Chicago**

June 2014-June 2015

Coordinate quarterly meetings of entire graduate student body to address department-wide initiatives

Assist individual committees with planning and execution of seminars, social events, and meeting with faculty and other administrators. Chair and founder of Diversity and Inclusion Committee in the Psychology Department, University of Chicago. Created and organized a committee of five students to promote initiatives within the department that address topics related to a student's personal identity. Coordinated a department-wide diversity and inclusion workshop titled Promoting Inclusion in Our Community. Attended by more than half of all faculty, and 75 percent of graduate students. Coordinated with fellow committee members to advertise Guideline for Multicultural Competence, as established by the American Psychological Association, through presentations and postings around the department.

**Institutional Service, The University of Chicago:**

Member of the Diversity Advisory Council to the President and Provost, February 2015-Present

Member of the Dean's Advisory Council in the Social Sciences Division, Spring 2016-Present

Member of the Office of Multicultural Student Affairs Student Advisory Board, Fall 2014-Spring 2015

Member of the Diversity Task Force, Office of the Provost, Fall 2013-Spring 2016

**Societies and Affiliations:**

American Psychological Association (APA)

Association for Psychological Science (APS)  
Cognitive Neuroscience Society (CNS)  
Social and Affective Neuroscience Society (SANS)  
Society for Neuroscience (SfN)  
Society for Personality and Social Psychology (SPSP)  
Society for Social Neuroscience (S4SN)  
Society for the Advancement of Chicano/Hispanic and Native Americans in Science (SACNAS)