

## **EDUCATION**

2013 - **Cognitive and Information Sciences** PhD Candidate, University of California, Merced

2008-2012 **Psychology** B.S., Michigan State University

Minor: Cognitive Science

## **PUBLICATIONS**

**Gordon, C. L.**, Iacoboni, M., Balasubramaniam, R. (in prep). Modulation of corticospinal excitability indicates prediction during music perception.

Holbrook, C., **Gordon, C. L.**, Iacoboni, M. (submitted). Continuous theta burst stimulation of posterior medial frontal cortex to experimentally reduce ideological threat responses.

**Gordon, C. L.**, Shea, T. M., Noelle, D., Balasubramaniam, R. (submitted). Affordance compatibility effect for word learning in virtual reality.

**Gordon, C. L.\***, Hazam, P.\*, Balasubramaniam, R. (submitted). The functional contribution of the motor system to passive music perception: An ALE meta-analysis.

**Gordon, C.L.**, Spivey, M.J., Balasubramaniam, R. (submitted). Corticospinal excitability during the processing of handwritten and typed words.

**Gordon, C.L.**, Balasubramaniam, R. (submitted). Recruitment of the motor system in the perception of handwritten and typed characters.

Bunce, J.P., Abney, D.H., **Gordon, C.L.**, Spivey, M.J., Scott, R.M. (2016). Using Motor Dynamics to Explore Real-time Competition in Cross-situational Word Learning: Evidence From Two Novel Paradigms. Proceedings of the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.

Bunce, J., **Gordon, C.**, Abney, D., Fleming, M., Greenwood, M., Chiu, E., Spivey, M., Scott, R. (2015). Mouse tracking reveals knowledge of multiple competing referents during cross-situational word learning. Proceedings of the 40<sup>th</sup> Annual Boston University Conference on Language Development. Boston, MA.

**Gordon, C.**, Anderson, S., & Spivey, M. (2014). Font can change how we think about what we think. Proceedings of the 36<sup>th</sup> Annual Conference of the Cognitive Science Society. Quebec City, Canada.

Sarinopoulos, I., Hesson, A. M., **Gordon, C.**, Lee, S. A., Wang, L., Dwamena, F., & Smith, R. C. (2013). Patient-centered interviewing is associated with decreased responses to painful stimuli: An Initial fMRI study." Patient education and counseling, 90(2), 220-225

## **POSTER PRESENTATIONS**

Gordon, C.L., Balasubramaniam, R. (2017). Recruitment of the motor system in the perception of handwritten and typed characters. Proceedings of the 42th Annual Conference of the Cognitive Science Society. London, U.K.

Gordon, C.L., Balasubramaniam, R. (2017). Corticospinal excitability during the processing of handwritten and typed words.

Gordon, C. L., Balasubramaniam, R., Iacoboni, M. (2016). Investigating modulation of cortico-spinal excitability in multi-modal music perception. 14<sup>th</sup> International Conference for Music Perception and Cognition, San Francisco, CA.

## Chelsea L. Gordon

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- Gordon, C. L., Spivey, M.J., Balasubramaniam, R. (2016). Motor cortex excitability during processing of handwritten and typed non-action-related text. 38<sup>th</sup> Annual Conference of the Cognitive Science Society. Philadelphia, PA.
- Bunce, J.P., Abney, D.H., Gordon, C.L., Spivey, M.J., Scott, R.M. (2016). Using Motor Dynamics to Explore Real-time Competition in Cross-situational Word Learning: Evidence From Two Novel Paradigms. 38<sup>th</sup> Annual Conference of the Cognitive Science Society. Philadelphia, PA.
- Gordon, C., Anderson, S., & Spivey, M. (2014). Font can change how we think about what we think. Proceedings of the 36<sup>th</sup> Annual Conference of the Cognitive Science Society. Quebec City, Canada.
- Bunce, J., Gordon, C., Abney, D., Fleming, M., Greenwood, M., Chiu, E., Spivey, M., Scott, R. (forthcoming). Mouse tracking reveals knowledge of multiple competing referents during cross-situational word learning. Proceedings of the 40<sup>th</sup> Annual Boston University Conference on Language Development. Boston, MA.

### INVITED TALKS

- 08/2018    The Eleventh Embodied and Situated Language Processing Conference, Lancaster, UK
- 06/2016    Marco Iacoboni Systems Neuroscience lab, UCLA Ahmanson-Lovelace Brain Mapping Center

### ADDITIONAL TRAINING

- 2016        UC Retreat Workshop on Research in Music Experience and Communication, Marconi, CA
- 2016        UC Music Experience Research Community Initiative (MERCi) Student Exchange. June 7<sup>th</sup>-14<sup>th</sup>, 2016. Ahmanson-Lovelace Brain Mapping Center, University of California, Los Angeles.
- 2015        UC MERCi Symposium/Workshop on Research on Music Experience and Communication, University of California, Los Angeles.
- 2015        Autumn School for the Sensorimotor Foundations of Social Cognition. Boltenhagen, Germany.
- 2015        MathWorks Seminar: Data Analysis and Visualization with MATLAB
- 2015        Transcranial Magnetic Stimulation (TMS) Methods and Practice Certification Course. Division of Biokinesiology and Physical Therapy, University of Southern California.
- 2015        APA Advanced Training Institute: Nonlinear Methods for Psychological Science. University of Cincinnati, Ohio.
- 2015        Generalized Linear Models Workshop. University of California, Merced. (by Bodo Winter)

### AWARDS & FELLOWSHIPS

- 2017        Spring 2017 GRAD-EXCEL Peer Mentorship Program Award, Graduate Division, University of California, Merced
- 2015, 2016    UC MERCi Rapid Research Grant
- 2014, 2015    CIS Travel Fellowship, UC Merced
- 2014, 2015    CIS Summer Fellowship, UC Merced
- 2013-2015    Eugene Cota-Robles Fellowship

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## TEACHING/PROFESSIONAL EXPERIENCE

Spring 2018	Graduate Division Statistics Tutor, University of California, Merced
Spring 2016, 2017	Teaching Assistant, Research Methods (Instructor: Michelle Greenwood, Rick Dale), University of California, Merced
Summer, 2017	Cognitive Neuroscience, University of California, Merced
Summer 2015	Graduate Student Researcher, Academic Placement Data and Analysis project; Qualitative Measures advisor; funding by American Philosophical Association.
Fall 2015, 2016, 2018	Teaching Assistant, Perception and Action (Instructor: Ramesh Balasubramaniam), University of California, Merced.
12/2015	TMS workshop for BIO 113: Bioinstrumentation.

## SERVICES AND VOLUNTEER WORK

2016	Volunteer, 37 <sup>th</sup> Annual Meeting of the Cognitive Science Society, Philadelphia, PA
2015	Public outreach, Mercy Hospital 5K Stroke Awareness Run Spoke with participants about brain health and balance, and discussed our research
2015 – present	Student Institutional Review Board Member
12/2014-5/2014	Cognitive and Information Science Departmental Meeting Co-Organizer

## AFFILIATIONS

Society for Music Perception & Cognition  
Society for Neuroscience  
Cognitive Neuroscience Society  
Cognitive Science Society  
American Psychological Association

## TECHNICAL SKILLS

R, Python, Javascript, Excel, SPSS, MATLAB, TMS, Unreal Engine