

University of Houston
Department of Psychology
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RESEARCH INTERESTS

Bilingual development and education

Impact of dual-language programs on behavioral and academic outcomes for low-income and minority bilingual populations;

Implications of cognitive control variability across tasks with varying degrees of language input for bilingual and monolingual preschoolers and kindergarteners;
Statistical learning in bilingual children and adults in non-linguistic tasks.

Infant language development and speech perception

Early bilingual vocabulary development via parent-kept diaries;
Early visual and auditory development, using repetition suppression to objects, faces, and speech with near infrared spectroscopy (NIRS).

EDUCATION

University of Rochester

Bachelor of Arts, cum laude, majors in Brain and Cognitive Sciences with highest distinction and Linguistics with high distinction, minor in French (May 2013)

University of Houston

Doctorate in Psychology, specializing in Developmental Cognitive Neuroscience (expected May 2018)

RESEARCH EXPERIENCE

Graduate Research Assistant, Cognitive Development Lab

University of Houston (July 2013 – present)

Undergraduate Research Assistant, Richard Aslin Baby Lab

University of Rochester (June 2012 – May 2013)

Undergraduate Research Assistant, Florian Jaeger Human Language Processing Lab

University of Rochester (January – May 2012)

TEACHING EXPERIENCE

Graduate Teaching Assistant, University of Houston

Introduction to Psychology Methods – Lab (Fall 2013, Summer 2014)

Introduction to Psychology Methods (Summer 2014)

Introduction to Statistics (Spring 2014, Fall 2014)

Introduction to Statistics – Online (Fall 2014)

Child Development (Spring 2015)

PROFESSIONAL AFFILIATIONS

Member, **Southwestern Psychological Association**

Member, **International Association for the Study of Child Language**

Member, **Women in Cognitive Science**

Member, **College Music Society**

Member, University of Rochester **Phi Beta Kappa**

HONORS & AWARDS

Honorable Mention, Graduate Research Fellowship Program

National Science Foundation (2014)

Presidential Graduate Fellowship

University of Houston (2013)

Ronald E. McNair Post-Baccalaureate Achievement Program

University of Rochester (2011)

Benjamin A. Gilman Scholarship for Study Abroad

Institute of International Education (2011)

Research and Innovation Grant

University of Rochester (2005)

Elks National Scholarship

Elks National Foundation (2005 –2009)

PUBLICATIONS

Emberson, L. L., **Cannon, G.**, Palmeri, H., Richards, J. E., & Aslin, R. N. (under review).
Using fNIRS to examine occipital and temporal responses to repetition in young
infants: Evidence for the development of visual, but not auditory, repetition
suppression.

CONFERENCE PRESENTATIONS

Martinez, G., **Cannon, G.**, & Yoshida, H. (2015). Language in child development: Bilingual advantage of cognitive control in DCCS. Poster at the *Southwestern Psychological Association 2015 Convention*: Wichita, KS.

Elias, C., **Cannon, G.**, & Yoshida, H. (2014). Dimensional change card sort (DCCS). Poster at the *University of Houston Fall Undergraduate Research Day*: Houston, TX.

Cannon, G. & Yoshida, H. (2014). Bilingual vocabulary delay and linguistic influence on language distribution: A Japanese-English diary study. Poster at the *13th meeting of the International Association for the Study of Child Language*: Amsterdam, The Netherlands.

Emberson, L. L., Palmeri, H., **Cannon, G.** & Aslin, R. N. (2013). Investigating sensory cortex selectivity in 6- month-olds using fNIRS and repetition suppression. Paper presentation at the *Biennial Meeting of the Society for Research in Child Development*: Seattle, WA.

Emberson, L. L., Palmeri, H., **Cannon, G.**, & Aslin, R. N. (2013). Differences in repetition suppression across sensory systems in 6-month-olds: Using NIRS to compare infant and adult neural function. Poster at the *20th Annual Meeting of the Cognitive Neuroscience Society*: San Francisco, CA.

Cannon, G., Starling, S. J. & Aslin, R. N. (2013). Cognitive differences in bilinguals: Probability learning. Poster at the *2013 University of Rochester Undergraduate Research Exposition*: Rochester, NY.

Cannon, G., Starling, S. J. & Aslin, R. N. (2012). Cognitive differences in bilinguals: Probability learning. Presentation at the *2012 Kearns Center Research Conference*: Rochester, NY.