

Curriculum Vitae of Sandy L. Gonzalez

Florida International University, Department of Psychology
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Education

- Ph.D.**, Psychology Spring 2017 - Present
Major Area: Developmental Science
Minor Area: Quantitative Methods
Florida International University (Miami, FL)
- M.S.**, Psychology Fall 2013 - Spring 2017
Major Area: Developmental Science
Florida International University (Miami, FL.)
Thesis: *Measuring comprehension in diverse Hispanic infants using the Mexican-Spanish CDI*
- B.A.**, Psychology Summer 2011 – Fall 2012
Florida International University (Miami, FL.)
Graduated *Summa Cum Laude*
- A.A.**, Miami Dade College, Psychology Fall 2009 – Spring 2011

Publications

- Nelson, E.L., **Gonzalez, S.L.**, Coxe, S., Campbell, J.M., Marcinowski, E.C., & Michel, G.F. (2017). Toddler hand preference trajectories predict 3-year language outcome. *Developmental Psychobiology*. doi: 10.1002/dev.21560
- Gonzalez, S.L.**, Reeb-Sutherland, B.C., & Nelson, E.L. (2016). Quantifying motor experience in the infant brain: EEG coherence, power and mu desynchronization. *Frontiers in Psychology*, 7:216. doi: 10.3389/fpsyg.2016.00216.
- Gonzalez, S.L.**, & Nelson, E.L. (2015). Addressing the gap: A blueprint for studying bimanual hand preference in infants. *Frontiers in Psychology*, 6:560. doi: 10.3389/fpsyg.2015.00560

Conference Presentations

- Gonzalez, S.L.**, Fajardo, M.E., Hart, K.C., & Nelson, E.L., (2017, November). “Improved fine motor skills and school readiness in pre-kindergarteners after summer treatment program”. Poster to be presented at the 50th annual meeting for The International Society for Developmental Psychobiology, Washington, D.C.
- Torres, E., **Gonzalez, S.L.**, & Nelson, E.L., (2017, March). “A comparison of Hispanic infant populations on vocabulary size”. Poster presented at the Conference for Undergraduate Research at FIU, Miami, Florida.

- Gonzalez, S.L.** & Nelson, E.L. (2017, March). "Comparing Hispanic infant populations on comprehension of IDHC:PG items". Oral presentation given at the 2017 Graduate Student Appreciation Week Scholarly Forum, Miami, Florida.
- Gonzalez, S.L.**, Nelson, E.L., Latta, J., Campbell, J.M, Marcinowski, E.C., & Michel, G.F. (2016, Nov.). "Consistent preschool hand preference predicts language skills at 5 years of age". Poster presented at the 49th meeting of the International Society on Developmental Psychobiology, San Diego, California, USA.
- Fajardo, M.E., **Gonzalez, S.L.**, Hart, K.C., & Nelson, E.L. (2016, Oct.). "Summer Treatment Program for PreKindergarteners Improves Fine Motor Skills". Poster presented at the FIU McNair Scholars Research Conference, Miami, Florida.
- Gonzalez, S.L.** & Nelson, E.L. (2016, Oct). "A Comparison Between Hispanic Populations: An Item Based Analysis of the IDHC:PG". Oral presentation given at the MARC U*STAR & MBRS RISE Student Biomedical Mini-Symposium, Miami, FL.
- Gonzalez, S.L.**, Nelson, E.L., Campbell, J., Marcinowski, E.C., & Michel, G.F. (2016, May). "Consistency in handedness over 6 to 60 months is linked to school readiness". Poster presented at the International Conference on Infant Studies, New Orleans, Louisiana.
- Betancourt, V., **Gonzalez, S.L.**, & Nelson, E.L. (2016, March). "Creation of a Spanish Language Measure Inclusive of a Diverse Hispanic Population through Renorming of the IDHC:PG". Poster presented at the Conference for Undergraduate Research at FIU, Miami, Florida.
- Gonzalez, S.L.** & Nelson E.L. (2015, Oct.). "Renorming the IDHC:PG for Diverse Hispanic Populations". Poster presented at the 9th biennial meeting for the Society for the Study of Human Development, Austin, TX.
- Gonzalez, S.L.** & Nelson E.L. (2015, Oct.). "Administration of the IDHC:PG in Diverse Hispanic Populations". Poster presented at the MARC U*STAR & MBRS RISE Student Biomedical Mini-Symposium, Miami, FL.
- Gonzalez, S.L.** & Nelson, E.L. (2015, May). "Improving Comprehension Measures: Adaptation of the Mexican-Spanish CCT for Use in Diverse Hispanic Populations". Oral presentation given at the 2nd annual South Florida Child Psychology Research Conference, Miami, FL.
- Gonzalez, S.L.**, Nelson, E.L., Campbell, J.M., Marcinowski, E.C., Coxe, S., & Michel, G.F. (2014, November). "18-24 Months Handedness Predicts 36 Months Expressive Language Skills". Poster presented at the 47th annual meeting for The International Society for Developmental Psychobiology, Washington, D.C.
- Gonzalez, S.L.**, Krogh-Jespersen, S., & Pruden, S.M. (2014, May). "English-Spanish Bilingualism and the Conceptualization of Motion Events". Oral presentation given at the 1st annual meeting for the UM/FIU Southeast Cross University Collaborative Mentoring Conference, Miami, FL.
- Gonzalez, S.L.**, Bradley, C.A., Barriga, T., Krogh-Jespersen, S., & Pruden, S.M. (2013, November). "What Are You Looking At? Effects of English-Spanish Bilingualism on Attention to and Labeling of Motion Events". Poster presented at the 8th biennial meeting for the Society for the Study of Human Development, Fort Lauderdale, FL.

Srikanth, S., **Gonzalez, S.**, Costales, A., Herradon, N., & Pruden, S.M. (2013, November). "Availability and Use of Early Numeracy Content in Pre-Kindergarten Classrooms". Poster presented at the 14th annual meeting for The Psychonomic Society, Toronto, Ontario, Canada.

Srikanth, S., **Gonzalez, S.**, Costales, A., Herradon, N., & Pruden, S.M. (2013, October). "The pre-kindergarten numeracy and spatial environment survey: Examining early education settings for numeracy and spatial tools". Poster presented at the 14th biennial meeting of the Cognitive Development Society, Memphis, TN.

Gonzalez, S., Bradley, C.A., Barriga, T.M., Krogh-Jespersen, S., & Pruden, S.M.(2013, April). "Mapping labels to motion events: Effects of bilingualism". Poster presented at the biennial meeting for the Society for Research in Child Development, Seattle, WA.

Proceedings

Gonzalez, S.L., Nelson, E.L., Latta, J., Campbell, J.M, Marcinowski, E.C., & Michel, G.F. (2016). Consistent preschool hand preference predicts language skills at 5 years of age. *Developmental Psychobiology*, 58(S1), S18.

Gonzalez, S.L., Nelson, E.L., Campbell, J.M., Marcinowski, E.C., Coxe, S., & Michel, G.F. (2014). 18-24 Months handedness predicts 36 months expressive language skills. *Developmental Psychobiology*, 57(S1), S16.

Works in Progress

Gonzalez, S.L., & Nelson, E.L. (Under Review). Measuring comprehension in diverse Hispanic infants using the Mexican-Spanish CDI.

Nelson, E.L., **Gonzalez, S.L.**, & Betancourt, V. (In Preparation). A meta-analysis of infant hand preferences for reaching.

Gonzalez, S.L., Odean, R., Abad, C., & Pruden, S.M. (In Preparation). Adult English-Spanish bilinguals' conceptualization of motion events.

Honors and Awards

NIH NIGMS RISE Fellowship	2015 - Present
NIH Travel Award, International Society for Developmental Psychobiology (\$300)	Fall 2017
NIH Travel Award, International Society for Developmental Psychobiology (\$550)	Fall 2016
GPSC Conference Funding (\$500)	Spring 2016
CAS Conference Funding (\$200)	Spring 2016
MARC U*STAR & MBRS RISE Mini-Symposium: Poster Honorable Mention	Fall 2015
NIH Travel Award, International Society for Developmental Psychobiology (\$400)	Fall 2014

GPSC Conference Funding (\$500)	Fall 2014
CAS Conference Funding (\$200)	Fall 2014
Florida Bright Futures Scholarship: Florida Academic Scholars	2009 – 2012
FIU Dean's List	2011 – 2012
MDC Dean's List	2009 – 2011

Funded Research

2015 FIU Psychology Graduate Student Seed Fund Award	07/16/15 – 06/30/16
Improving language comprehension measures for diverse Hispanic populations: Adaptation of the Mexican-Spanish Computerized Comprehension Task - Award \$2,000	

Research Experience

<u>Graduate Research Assistant</u> , HANDS Lab, Dr. Eliza Nelson, Florida International University	August 2013 – Present
<u>Paid Post- Baccalaureate Research Assistant</u> , Project on Language and Spatial Development, Dr. Shannon Pruden, Florida International University	January 2013 – August 2013
<u>Undergraduate Research Assistant</u> , Project on Language and Spatial Development, Dr. Shannon Pruden, Florida International University	January 2012 – December 2012

Research Interests

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- Motor development in infants and toddlers
 - Developmental trajectories of handedness
 - The coaction of language development, handedness and motor development
 - Bilingual language development
 - Language and its role in cognition and interpretation of events
 - The role of environmental, cultural, social, and biological factors on language and motor development

Teaching Experience

Florida International University

Teaching Assistant

Introduction to Psychology	Spring 2015
Introduction to Psychology (Blackboard Online Course)	Spring 2015
Introduction to Psychology	Fall 2014
Experimental Psychology Lecture	Spring 2014

Experimental Psychology Lab	Spring 2014
Introduction to Biopsychology	Spring 2014
Animal Cognition	Fall 2013
<u>Guest Lectures</u>	
Introduction to Psychology: Language	Fall 2014

Professional Activities and Public Service

FIU Graduate Fair Student Panel	Fall 2016
Psychology Graduate Student Association: <i>Treasurer</i>	Fall 2014- Spring 2016
FIU Child Labs Community Outreach Booth, The Children's Trust Family Expo	2013, 2014, 2015

Advanced Training

EGI Summer School: Core dEEG Skills	Summer 2014
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Professional Memberships

International Conference on Infant Studies
 International Society for Developmental Psychobiology
 Society for Research in Child Development
 Society for the Study of Human Development