

MAX R. FREEMAN

APRIL 2017

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Education

- May 2016- present Ph.D. candidate in Communication Sciences and Disorders
 M.S. student in Speech, Language, and Learning,
 pursuing CCC-SLP certification
 Expected completion: Spring 2018.
 Northwestern University
 Committee: Dr. Viorica Marian (Northwestern University), Dr.
 Megan Y. Roberts (Northwestern University), Dr. Henrike
 Blumenfeld (San Diego State University), Matthew T. Carlson
 (Pennsylvania State University).
- September 2013- May 2016 M.A. Master's in Communication Sciences and Disorders
 Northwestern University
- August 2007- May 2010 B.A. Psychology & B.A. Spanish
 Minor in International Studies
 The Pennsylvania State University (*Summa Cum Laude*).

Research and Clinical Interests

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| Research: | Clinical: |
| Bilingualism | Bilingual intervention |
| Psycholinguistics | Bilingual assessment |
| Bilingual phonology | Accent modification |
| Language acquisition in children and adults | Articulation/Phonological Disorders |
| Code-switching | |
| Executive functions in bilinguals | |

Publications

- Freeman, M. R.,** & Marian, V. (in prep). Bilinguals' second language comprehension is influenced by native-language rules.
- Freeman, M. R.,** & Marian, V. (in prep). Activation and perception of native-language phonotactics in bilinguals.
- Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (accepted, in press). Cross-linguistic phonotactic competition and cognitive control in bilinguals. *Journal of Cognitive Psychology*. doi: 10.1080/20445911.2017.1321553
- Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2016). Phonotactic constraints are activated across languages in bilinguals. *Frontiers in Psychology*, 7(702).

doi: 10.3389/fpsyg.2016.00702. PMCID: PMC4870387

Freeman, M. R., Shook, A. & Marian, V. (2016). Cognitive and emotional effects of bilingualism in adulthood. In E. Nicoladis, & S. Montanari (Eds.), *Lifespan Perspectives on Bilingualism*. Berlin, Germany: APA and De Gruyter. doi: 10.1037/14939-016

Blumenfeld, H. K., Schroeder, S. R., Bobb, S. C., **Freeman, M. R.,** & Marian, V. (2016). Auditory word recognition across the lifespan: Links between linguistic and non linguistic inhibitory control in bilinguals and monolinguals. *Linguistic Approaches to Bilingualism*, 6(1), 119-146. doi: 10.1075/lab.14030.bl

*Reprinted In E. Bialystok, & M. Sullivan (Eds.), *Aging and Bilingualism*. Benjamins.

Konishi, H., Kanero, J., **Freeman, M. R.,** Hirsh-Pasek, K., & Golinkoff, R. M. (2014). Six principles of language development: Implications for learners of English as a Second Language. *Developmental Neuropsychology*, 39(5), 404-420. doi: 10.1080/87565641.2014.931961

Presentations

1. **Freeman, M. R.** & Marian, V. (under review). *Cross-linguistic perception of phonotactics in bilinguals*. Poster under review for presentation at the 2017 ASHA Convention, Los Angeles, CA.
2. **Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2016, November). *Cross-linguistic Activation of Phonotactic Constraints and Cognitive Control in Bilinguals*. Paper presentation at the 2016 ASHA Convention, Philadelphia, PA.
3. **Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2016, May). *Cross-Linguistic Phonological Rule Access and Cognitive Control in Bilinguals*. Poster presentation at the 28th Association for Psychological Science Annual Convention, Chicago, IL.
4. **Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2016, May). *Non-target language phonological rule activation in bilinguals*. Poster presentation at the 2016 International Meeting of the Psychonomic Society, Granada, Spain.
5. **Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2016, March). *Phonological rule access across languages in bilinguals*. Poster presented at the 2016 Latin American School for Education, Cognitive and Neural Sciences, Buenos Aires, AR.
6. **Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2015, November). *Cross-linguistic phonological rule access in bilinguals*. Poster presented at the 2015 Psychonomic Society Meeting, Chicago, IL.
7. **Freeman, M. R.,** Blumenfeld, H. K., & Marian, V. (2015, November). *Phonological rule access across languages in bilinguals*. Poster presented at the 2015 ASHA Convention, Denver, CO.
8. Blumenfeld, H. K., Schroeder, S. R., **Freeman, M. R.,** Bobb, S. C., & Marian, V. (2015, May). *Bilinguals show fewer age-related changes than monolinguals in lexical competition resolution*. Paper presentation at the 2015 International Symposium on Bilingualism, New Brunswick, NJ.
9. **Freeman, M. R.,** & Roberts, M. Y. (2015, March). *The Relationship between African American English and Expressive Language Skills in Children with and without*

Language Impairments. Poster presentation at the 2015 Society for Research in Child Development, Philadelphia, PA.

10. **Freeman, M. R.**, Ramsook, K. A., Iglesias, A., Hirsh-Pasek, K., & Golinkoff, R. M. (2013, November). *Verb usage patterns in English language learners*. Poster presented at the 2013 ASHA Convention, Chicago, IL.
11. **Freeman, M. R.**, Aravind, A., Mahajan, N., Johanson, M., Ridge, K., Damonte, J., Golinkoff, R. M., Hirsh-Pasek, K., de Villiers, J., Iglesias, A., & Wilson, M. S. (2013, November). *Developing a computer-administered language assessment for bilingual preschoolers*. Poster presented at the 2013 ASHA Convention, Chicago, IL.
12. Ridge, K., Johanson, M., **Freeman, M. R.**, Damonte, J., Mahajan, N., Aravind, A., Golinkoff, R. M., Hirsh-Pasek, K., Iglesias, A., de Villiers, J., & Wilson, M. (2013, November). *Using Developmental Science to Create a Computer-Administered Language Assessment for 3- to 6-Year-Olds*. Poster presented at the 2013 ASHA Convention, Chicago, IL.
13. de Villiers, J., Iglesias, A., Wilson, M. S., Golinkoff, R. M., Hirsh-Pasek, K., **Freeman, M. R.**, Aravind, A., Damone, J., Ridge, K., Mahajan, N., & Johanson, M. (2013, November). *Screening 3-6 year old children's language abilities: A computer based assessment*. Oral seminar presentation at the 2013 ASHA Convention, Chicago, IL.
14. Johanson, M. A., **Freeman, M. R.**, Aravind, A., Ridge, K. E., Mahajan, N., Damonte, J. C., Golinkoff, R. M., Hirsh-Pasek, K., de Villiers, J., Iglesias, A., & Wilson, M. (2013, July). *A Computer-Based Assessment of 3-6 Year Old Children's Language Abilities*. Poster presented at the ASHA Schools Conference, Long Beach, CA.
15. Miller, H., Damonte, J. C., Johanson, M., Ridge, K., **Freeman, M. R.**, Aravind, A., Ranganathan, S., Mahajan, N., de Villiers, J., Iglesias, A., Wilson, M. S., Hirsh-Pasek, K., & Golinkoff, R. M. (2013, April). *Adjectives are tricky: Children default to noun interpretations of novel adjectives*. Poster presented at the Society for Research in Child Development 2013 Conference, Seattle, WA.
16. Mahajan, N., **Freeman, M. R.**, Aravind, A., Johanson, M., Damonte, J., Miller, H., Ranganathan, S., Smith, L., Wilson, M. S., de Villiers, J., Iglesias, A., Hirsh-Pasek, K., & Golinkoff, R. M. (2013, April). *Using developmental science to design a computerized preschool language assessment*. Poster presented at the Society for Research in Child Development 2013 Conference, Seattle, WA.
17. Aravind, A., **Freeman, M. R.**, Tejada, J., Mahajan, N., Iglesias, A., de Villiers, J., Golinkoff, R. M., Hirsh-Pasek, K., & Wilson, M. S. (2013, April). *A computer administered language assessment for Spanish English Language Learners*. In C. Ebanks (Chair), *New tools for the new preschool context: The development of measures to assess the school readiness skills of young dual language learners*. Poster symposium presented at the Society for Research in Child Development 2013 Conference, Seattle, WA.
18. Aravind, A., de Villiers, J., **Freeman, M. R.**, & Iglesias, A. (2013, April). *Assessing bilingual 3-5 year-olds' language*. Talk given at UMass-UConn-Smith Language Acquisition Workshop (UUSLAW).
19. **Freeman, M. R.**, Mahajan, N., Miller, H., Ranganathan, S., Aravind, A., Damonte, J., Smith, L., Wilson, M. S., Golinkoff, R. M., Hirsh-Pasek, K., de Villiers, J., & Iglesias, A. (2013, April). *Developing a research-based computerized preschool*

language assessment. Poster presented at the Council for Exceptional Children 2013 Convention, San Antonio, TX.

20. Damonte, J. C., Johanson, M. A., Ridge, K. E., Mahajan, N., **Freeman, M. R.**, Aravind, A., de Villiers, J., Iglesias, A., Wilson, M., Hirsh-Pasek, K., & Golinkoff, R. M. (March, 2013). *Assessing preschoolers' language abilities using a touch-screen computer*. Poster presented at the 3rd Latin American School for Education, Cognitive and Neural Sciences, Bahia, Brazil.
21. Miller, H., **Freeman, M. R.**, Aravind, A., Ranganathan, S., Mahajan, N., Damonte, J., Golinkoff, R. M., Hirsh-Pasek, K., de Villiers, J., Iglesias, A., & Wilson, L. S. (2012, July). *Developing a computer-assisted language assessment for preschoolers*. Poster presented at the ASHA Schools 2012 Conference, Milwaukee, WI.
22. **Freeman, M. R.**, Kroll, J. F., McClain, R., Martín, M. C., Macizo, P., & Bajo, M. T. (2011, February). *Does the phonology of red prevent bilinguals from getting caught in the net: Exploring how phonological overlap influences the time course of language inhibition*. Poster presented during PIRE/NSF week, University Park, PA.

Honors and Awards

The 2016 Latin American School for Education, Cognitive and Neural Sciences: Fully funded award, March 2016, Buenos Aires, Argentina.

The Conference Travel Grant, The Graduate School, Northwestern University, September 2015. Amount: \$1,000

The 2015 Latin American School for Education, Cognitive and Neural Sciences: Fully funded award, March 2015, San Pedro de Atacama, Chile.

The National Science Foundation Graduate Research Fellowship Program: Honorable Mention, March 2013 & April 2014, 1000172724, 1000117287.

Student Marshal at graduation for the Department of Spanish, Italian, Portuguese (valedictorian) (Penn State), May 2010.

Certificate of Excellence in Spanish (Penn State), May 2010.

The Evan Pugh Scholar Award for 3.98 GPA and above. This award is given to the top 0.5% of all graduating seniors (Penn State), May 2010.

Mr. and Mrs. Bolze Study Abroad Scholarship (Penn State College of the Liberal Arts), Spring 2009.

The Catherine Rein Trustee Scholarship (Penn State College of the Liberal Arts), Fall 2008 & 2009.

President's Freshman Award for 4.0 GPA (Penn State), Spring 2008.

Work and Research Experience

September 2013- present **Graduate Research Assistant**, Department of Communication Sciences and Disorders, Northwestern University. Advisor: Viorica Marian.

- Dissertation Prospectus, *Activation and perception of native-language phonotactics in bilinguals*. Committee: Viorica Marian (Northwestern University), Megan Y. Roberts (Northwestern University), Henrike Blumenfeld (San Diego State University), Matthew T. Carlson (Pennsylvania State University).
- Qualifying Research Project, *Parallel phonological rule activation and cognitive processes in bilinguals*. Committee: Viorica Marian (Northwestern University), Megan Y. Roberts (Northwestern University), Henrike Blumenfeld (San Diego State University).

Spring 2014 **Graduate Research Assistant**, Department of Communication Sciences and Disorders, Northwestern University. Supervisor: Megan Y Roberts.

June 2011- June 2013 **Laboratory Coordinator**, The Temple University Infant and Child Laboratory, Temple University. Supervisor: Dr. Kathy Hirsh-Pasek.

October 2011 **Research Assistant**, The Art & Science of Play at the Inner Harbor: An Evaluation of the Baltimore Ultimate Block Party (UBP) IRB#: IRB00003912, Johns Hopkins University. Supervisors: Dr. Philip Leaf and Dr. Christina Pate.

May 2011 fMRI training workshop, Pennsylvania State University, Dr. Arturo Hernandez and Dr. Michele Diaz.

May 2010- June 2011 **Research Technologist/Laboratory Manager**, Center for Language Science, Pennsylvania State University. Supervisors: Dr. Judith Kroll and Dr. Giuli Dussias.

August 2009- May 2010 **Undergraduate Research Assistant**, The Language and Cognition Lab (Center for Language Science), Pennsylvania State University. Supervisor: Dr. Judith Kroll.

August 2008- December 2008 **Undergraduate Research Assistant**, The Relationship Research Lab, Pennsylvania State University. Supervisor: Dr. Amy Marshall.

Summers of 2008 & 2009 **Junior Counselor**, The Employment and Training Administration of Orange County, New York. Supervisor: Yolanda Perez.

Skills

Methodologies:

- Event-related potentials (ERP), eye tracking, reaction time, habituation

Software:

- Praat, NIH Toolbox, E-Prime, SuperCoder, Superlab, MATLAB, R, SPSS, Habit X, Tobii Studio, Final Cut Pro, Adobe Photoshop, Filemaker Pro, Neuroscan

Statistics:

- Analysis of variance, linear regression and multiple regression, Bayesian modeling and inference

Other skills:

- Bilingual speaker of English and Spanish, study abroad in Salamanca, Spain, hiring of research assistants and lab personnel (post-docs, laboratory coordinators, consultants), grant writing and submission (NIH NRSA & R01, IES 84.305A, NSF Graduate Fellowship), grant administration and accounting, writing, submitting, and renewing IRB protocols.

Teaching Interests

Interested in teaching:

- Psycholinguistics, bilingual language acquisition, language development, atypical language development, language and culture, research methods in communication sciences and disorders

Teaching Experiences

Teaching Assistant, Northwestern University

- Clinical Assisting in Speech and Language Pathology (CSD 332)
- Clinical Methods: Pediatrics (CSD 473)
- Clinical Methods: Adults (CSD 474)
- Clinical Speech Anatomy, Physiology, and Motor Control (CSD 455)
- Language, Culture, and Learning (CSD 309)
- Phonetics (CSD 305)
- Statistics in Communication Sciences and Disorders (CSD 304)
- Typical and Atypical Development in Infants and Toddlers (CSD 342)
- Language Development and Usage (CSD 392)

Guest Lecturer, Northwestern University

- Language, Culture, and Learning (CSD 309). Lecture title: Bilingual Cognition (5/4/15)

Advising and Mentorship

Undergraduates advised:

- Sarah Svonavec (Pennsylvania State University)
- Kylee Jo Cook (Pennsylvania State University)
- Jacklyn Zhang (Pennsylvania State University)
- Shannon Ens (Temple University)
- Laura Dennis (University of Pennsylvania)
- Oumoul Ba (Temple University)
- Justin White (Northwestern University)
- Kathryn Ficho (University of Wisconsin at Madison)

Masters students advised:

- Anna-Maria Brenson, M.S. (Texas State University, Northwestern University)

Other research assistants advised:

- Munirah Alkhuwaiter, MS, CCC-SLP (King Saud University, Northwestern University)

Professional Activities

January 2016- Reviewer: *ASHA 2016 Topic Committee for Cultural and Linguistic Issues*

February 2014- Reviewer: *Cognitive Science Society Annual Meeting*

Winter 2014- present Bilingual Clinician Reading Group, Northwestern University

Fall 2013- Spring 2014 Language Area Reading Group, Northwestern University

Fall 2007- May 2010 Liberal Arts Undergraduate Council, Pennsylvania State University.

- Position held: President's Assistant
- Completed various tasks with the President, including serving as a liaison between faculty/administration and students in the College of The Liberal Arts.

Membership in Professional Societies

National Student Speech Language Hearing Association (NSSLHA)

Golden Key International Honour Society

Psi Chi Honor Society

Community Outreach

Fall 2013- present Northwestern University Queer Pride Graduate Student Association

- Organized and participated in various community service activities including feeding LGBT youth at local teen shelters.
- Participated in various LGBT awareness events on campus.

Fall 2007- May 2010 Phi Mu Delta fraternity, Mu Epsilon chapter.

- Positions held: Community Service Chair, Philanthropy Chair, Historian
- Organized philanthropic events that benefitted St. Jude Children's Research Center (2008-2010).
- Organized community service events that benefitted the Food Bank of State College, Inc., including food drives and donations of Thanksgiving and Easter food baskets to local needy families. Worked with the Centre Hall PSPCA, walked dogs and gave attention to other animals in the shelter (2008-2010).