

**Matthew T. Carlson**

Department of Spanish, Italian, and Portuguese  
The Pennsylvania State University  
442 Burrowes Bldg  
University Park, PA 16802  
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[mtc173@psu.edu](mailto:mtc173@psu.edu)  
April 10, 2020

**EDUCATION**

- 2007            Ph.D. in Hispanic Linguistics, option in Applied Linguistics  
                  Pennsylvania State University, University Park, PA  
                  Dissertation: The acquisition of probabilistic patterns in Spanish phonology by  
                  adult second language learners: The case of diphthongization. Dr. Chip Gerfen,  
                  director
- 2005            MA in German, Middlebury College, Middlebury, VT
- 2003            MA in Spanish, Pennsylvania State University
- 1997            New Hampshire teaching certificate, K-12 Spanish, Upper Valley Teacher Training  
                  Program, Lebanon, NH
- 1996            AB in Spanish and Music (high honors), Dartmouth College, Hanover, NH  
                  Summa Cum Laude

**APPOINTMENTS**

- July, 2019-present      Associate Professor of Spanish and Linguistics, Department of Spanish, Italian,  
                                  and Portuguese, The Pennsylvania State University
- 2013-June, 2019        Assistant Professor of Spanish and Linguistics, Department of Spanish, Italian,  
                                  and Portuguese, The Pennsylvania State University
- Jan. 2011-2012         Assistant Professor of Psychology, Department of Psychology, The University of  
                                  Texas at El Paso

**RESEARCH EXPERIENCE**

- 2009-11: Postdoctoral Scholar and National Academy of Education/Spencer Foundation Postdoctoral Fellow  
Department of Psychology, University of Chicago
- 2007-9: Postdoctoral Fellow, Program in Developmental Psychology, University of Chicago  
NIH Training Grant HD043729-05  
Department of Psychology, University of Chicago  
Mentors: Susan Goldin-Meadow, Susan Levine
- 2003-4: Research Assistant, Center for Language Acquisition, Penn State University  
Preparatory work for language and aging project, directed by Dr. James Lantolf, Dr. Steven Thorne, and Dr. Sinfree Makoni

## GRANTS AND FELLOWSHIPS

- 2016-17 Social Science Research Institute – Penn State University Faculty Fellows Program, \$22,500. *Competition, conflict, and optimization: Toward a dynamic model of multilingualism*. Co-PIs: M. T. Putnam and D. Reitter.
- 2009 National Academy of Education/Spencer Foundation Postdoctoral Fellowship, \$55,000: *The influence of lexical and phonological complexity on preschool vocabulary growth*
- 2008-9 Spatial Intelligence and Learning Center, University of Chicago (NSF SBE-0541957)  
Mini Research Grant, \$3000: *Gesture and working memory in bilinguals*
- 2006-7 National Science Foundation Dissertation Improvement Grant BCS-0544969, \$11,836: *The acquisition of probabilistic patterns in Spanish phonology by adult foreign language learners*, under the direction of Dr. Chip Gerfen, dissertation advisor
- 2001-7 University Graduate Fellowship, Penn State University
- 2005 Sparks Fellow, Department of Spanish, Italian, and Portuguese, Penn State  
One semester teaching release for research

## PUBLICATIONS

### Articles and chapters (peer-reviewed):

- Freeman, M. R., Blumenfeld, H. K., Carlson, M. T., & Marian, V. (accepted). First-language influence on second-language speech perception depends on task demands. *Language and Speech*.
- Carlson, M. T., Fábregas, A., & Putnam, M. T. (2021) How Wide the Divide? – Theorizing ‘Constructions’ in Generative and Usage-Based Frameworks. *Frontiers in Psychology* 12.  
<https://doi.org/10.3389/fpsyg.2021.601303>.
- López-Beltrán, P., & Carlson, M. T. (2020). How Usage-Based Approaches to Language Can Contribute to a Unified Theory of Heritage Grammars. *Linguistics Vanguard* 6(1).  
<https://doi.org/10.1515/lingvan-2019-0072>.
- Pelzl, E., Carlson, M. T., Guo, T., Jackson, C. N., & van Hell, J. G. (accepted). Tuning out tone errors? Native listeners do not down-weight tones when hearing unsystematic tone errors in foreign-accented Mandarin. *Bilingualism: Language and Cognition*.

- Zhang, H., Carlson, M. T., & Diaz, M. T. (2019). Investigating the effects of phonological neighbors on word retrieval and phonetic variation in word naming and picture naming paradigms. *Language, Cognition, and Neuroscience*, 1-12.
- Carlson, M. T. & McAllister, A. (2019). I've heard that one before: Phonetic reduction in speech production as a possible contributing factor in perceptual illusory vowel effects. *Studies in Hispanic and Lusophone Linguistics* 12(2), 281-308. doi: 10.1515/shll-2019-2013
- Carlson, M. T. (2019). Now you hear it, now you don't: Malleable illusory vowel effects in Spanish-English bilinguals. *Bilingualism: Language and Cognition* 22(5), 1101-1122. doi: 10.1017/S136672891800086X
- Carlson, M. T. (2018). Making room for L2 phonotactics: Effects of L2 learning and environment on L1 speech perception. *Language and Speech* 61(4), 598-614. doi: 10.1177/0023830918767208
- Levine, S. C.; Goldin-Meadow, S.; Carlson, M. T.; & Hemani-Lopez, N. (2018). Mental transformation skill in young children: Action and gesture training promote learning over different time frames. *Cognitive Science* 42(4), 1207-1228. doi: 10.1111/cogs.12603
- Putnam, M. T., Carlson, M. T., & Reitter, D. (2018). Integrated, Not Isolated: Defining Typological Proximity in an Integrated Multilingual Architecture. *Frontiers in Psychology* 8. doi: 10.3389/fpsyg.2017.02212
- Contemori, C., Carlson, M. T., & Marinis, T. (2018). Online processing of English which-questions by children and adults: a visual world study. *Journal of Child Language* 44(2), 415-441. doi: 10.1017/S0305000917000277
- Carlson, M. T. & Gerfen, C. (2017). You say *dientito*, I say *dentito*: Navigating complex word formation in L2 Spanish. *Language Learning* 67(3), 599-630. doi: 10.1111/lang.12239
- Piñar, P.; Carlson, M. T.; Morford, J.; & Dussias, P. (2017). Bilingual deaf readers' use of semantic and syntactic cues in the processing of English relative clauses. *Bilingualism: Language & Cognition* 20(5), 980-998. doi: 10.1017/S1366728916000602
- Carlson, M. T.; Goldrick, M.; Blasingame, M.; & Fink, A. (2016). Navigating conflicting phonotactic constraints in bilingual speech perception. *Bilingualism: Language & Cognition* 19(5), 939-954. doi: 10.1017/S1366728915000334
- Carlson, M. T. ; Sonderegger, M.; & Bane, M. (2014). How children explore the phonological network in child-directed speech: A survival analysis of children's first word productions. *Journal of Memory and Language* 75, 159-180. doi: 10.1016/j.jml.2014.05.005  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4115338/>
- Seibert Hanson, A. & Carlson, M. T. (2014). The role of first language and proficiency in L2 processing of Spanish clitics: Global effects. *Language Learning* 64(2), 310-342. doi: 10.1111/lang.12050
- Carlson, M. T. & Gerfen, C. (2011). Spanish diphthongizing stems: productivity, processing, and the shaping of the lexicon. *The Mental Lexicon* 6(3), 351-373. doi: 10.1075/ml.6.3.01car
- Carlson, M. T. & Gerfen, C. (2011). Productivity is the key: morphophonology and the riddle of alternating diphthongs in Spanish. *Language* 87(3), 510-538. doi: 10.1353/lan.2011.0054
- Carlson, M. T. (2006). The development of fine-grained phonological knowledge in adult second

language learners of Spanish. *The Southwest Journal of Linguistics*. 25(2), 75-105.

Hall, J. K.; Cheng, A.; and Carlson, M. T. (2006). Reconceptualizing multicompetence as a theory of language knowledge. *Applied Linguistics* 27(2), 220-240. doi: 10.1093/applin/aml013

Carlson, M. T. (2004). A critical look at the construction of power between Applied Linguistics and Critical Applied Linguistics. *International Journal of Applied Linguistics*. 14(2), 167-84.

Carlson, M. T. (2003). Preverbal elements in non-agentive Spanish predicates: Theta roles, case, and control. in P. Kempchinsky and C.-E. Piñeros (Eds.) *Theory, Practice, and Acquisition: Papers from the 6th Hispanic Linguistics Symposium and the 5th Conference on the Acquisition of Spanish and Portuguese* (pp. 121-139). Somerville, MA: Cascadilla Press.

#### **Articles and chapters (not peer-reviewed):**

Carlson, M. T., Bane, M., and Sonderegger, M. (2011). Global properties of the phonological networks in child and child-directed speech. in N. Danis, K. Mesh, & H. Sung (Eds.) *Proceedings of the 35<sup>th</sup> Boston University Conference on Language Development* (pp. 97-109). Vol. 1. Somerville, MA: Cascadilla Press.

#### **PAPERS AND POSTERS PRESENTED:**

Carlson, M. T., Bero, T., Crosson, A. C., & Madden, A. (2020, July). *Minimal minstrels: Psycholinguistic and computational insights into the processing and learning of words with Latinate bound roots*. Poster to be presented at the Twenty Seventh Society for the Scientific Study of Reading Meeting, Newport Beach, CA.

Carlson, M. T., Gertel, V. H., DiMercurio II, D., Diaz, M. T., & Sandberg, C. W. (2019, November). *How do you measure a neighborhood? Exploring how multiple measures of phonological network structure jointly relate to lexical processing*. Poster presented at the the 60<sup>th</sup> Annual Meeting of the Psychonomic Society, Montreal, Quebec, Canada.

Carlson, M. T. (2019, October). *Can you hear it now? Illusory vowel effects in L2 Spanish*. Paper presented at the Hispanic Linguistics Symposium, El Paso, TX.

Carlson, M. T., Otto, C., Schuhmann, K., & McQueen, J. M. (2019, June). *Cross-talker perceptual learning in a second language*. Paper presented at the 12<sup>th</sup> International Symposium on Bilingualism, Edmonton, Alberta, Canada.

Johns, M., Puscama, M. G., & Carlson, M. T. (2019, June). *It just takes time: Refining asymmetric switch costs using pupillometry*. Paper presented at the 12<sup>th</sup> International Symposium on Bilingualism, Edmonton, Alberta, Canada.

Carlson, M. T. (2019, January). *Learning to hear what isn't there: Phonotactic knowledge and perceptual repair in L2 Spanish*. Poster presented at the Annual Meeting of the Linguistic Society of America, New York, NY.

McAllister, A., Carlson, M. T. & McQueen, J. M. (2019, January). *Using knowledge of L1 dialects to adapt to phonetic variation in an L2*. Paper presented at the Annual Meeting of the Linguistic Society of America, New York, NY.

Carlson, M. T. (2018, October). *Learning to hear things that aren't there: Perceptual repair in L2 Spanish*. Poster presented at the symposium on Multidisciplinary Approaches to Child and Adult Language Acquisition, Penn State University, University Park, PA.

Levine, S., Goldin-Meadow, S., Carlson, M. T. & Hemani-Lopez, N. (2018, September). *Mental transformation skill in young children: The role of concrete and abstract motor training*. Paper presented at the 7th International Conference on Spatial Cognition, Rome, Italy.

- Levine, S., Goldin-Meadow, S., Carlson, M. T. & Hemani-Lopez, N. (2018, July). *The role of action and gesture in supporting young children's mental transformation skill*. Paper presented at the 8<sup>th</sup> International Society for Gesture Studies conference, Cape Town, South Africa.
- Cohen, C. & Carlson, M. T. (2018, June). *Emergent and categorical differences between English nouns and verbs*. Paper presented at LabPhon 16, Lisbon, Portugal.
- Carlson, M. T. (2018, April). *Explorations in the MultiGrammar*. Invited talk presented at Current Investigations in Bilingualism, hosted by the Rutgers University Center for Cognitive Science, New Brunswick, NJ.
- Carlson, M. T. & McAllister, A. (2018, January). *Phonetic contributions to illusory vowel effects: How phonetic reduction paves the way for perceptual repair*. Poster presented at the Annual Meeting of the Linguistic Society of America, Salt Lake City, UT.
- Carlson, M. T. (2017, March). *To repair or not to repair: Gradient coactivation of phonotactic grammars in bilingual speech perception*. Paper presented at the Georgetown University Roundtable on Languages and Linguistics, Washington, DC, USA.
- Carlson, M. T. & McAllister, A. (2016, October). *Phonological repair of initial /s/-consonant sequences in Spanish in speech perception and production*. Paper presented at the Hispanic Linguistics Symposium, Washington, DC, USA.
- Cohen, C. & Carlson, M. T. (2016, September). *Phonetic reduction can lead to lengthening, and enhancement can lead to shortening*. Paper presented at InterSpeech 2016, San Francisco, CA, USA.
- McAllister, A. & Carlson, M. T. (2016, July). *Phonetic reduction, perceptual illusions, and phonotactic legality*. Paper presented at LabPhon 15, Cornell University, Ithaca, NY, USA.
- Carlson, M. T. (2016, May). *Repairing degraded speech with and without the lexicon: the role of phonotactics and perceptual repair*. Poster presented at the International Meeting of the Psychonomic Society, Granada, Spain.
- Dussias, P.E., Perrotti, L., Carlson, M. T., & Morales, L. (2016, May). *Exposure to a second language can change processing routines in the first language*. Poster presented at the International Meeting of the Psychonomic Society, Granada, Spain.
- Carlson, M. T. (2016, April). *Making room for L2 phonotactics: effects of L2 learning on L1 speech perception*. Paper presented at Sound to Word in Bilingual and Second Language Speech Perception, Iowa City, IA, USA.
- Carlson, M. T., Goldrick, M., Blasingame, M., & Fink, A. (2016, January). *Cross-linguistic effects of language-specific phonotactics on bilinguals' speech perception*. Poster presented at the Annual Meeting of the Linguistic Society of America, Washington, DC.
- Dussias, P., Perrotti, L., & Carlson, M. T. (2015, September). *Cross-linguistic exposure triggers changes in parsing preferences*. Paper presented at the 19<sup>th</sup> Conference of the European Society for Cognitive Psychology (ESCOP), Paphos, Cyprus.
- Perrotti, L., Carlson, M. T., Dussias, P., & Brown, M. (2015, May). *Cross-linguistic exposure triggers changes in parsing preferences*. Paper presented at the 45<sup>th</sup> Linguistic Symposium on Romance Languages, Campinas, São Paulo, Brazil.
- Anderegg, N., Carlson, M. T., Rossi, E. (2015, May). *How alphabets can alter perception: Orthography's influence on the mental representation of phonological information*. Poster presented at the 10<sup>th</sup> International Symposium on Bilingualism, Rutgers, NJ.
- Anderegg, N., Carlson, M. T., & Rossi, Eleonora. (2014, October). *Effects of L1 orthography on L2 phonological acquisition*. Poster presented at the Penn State Undergraduate Exhibition in in Hispanic and General Linguistics. University Park, PA.

- Goldrick, M., Carlson, M. T., Blasingame, M., & Fink, A. (2014, January). *Gradient phonotactic grammars in bilingual speech perception*. Poster presented at the Annual Meeting of the Linguistic Society of America, Minneapolis, MN.
- Carlson, M. T., Goldrick, M., Blasingame, M., & Fink, A. (2013, October). *Do you hear what I hear? Priming language-specific phonotactic constraints in speech perception*. Poster presented at the International Conference on Multilingualism, McGill University, Montreal, Canada.
- Demir, E., Carlson, M. T., Levine, S., & Goldin-Meadow, S. (2013, April). *Summer setback: The impact of time off from school on reading in children with brain injury*. Poster presented at the Society for Research on Child Development, Seattle, WA.
- Carlson, M. T., Demir, E., Goldin-Meadow, S., & Levine, S. (2013, April). *Using the path of early MLU growth to predict later syntactic development*. Poster presented at the Society for Research on Child Development, Seattle, WA.
- Carlson, M. T., Sonderegger, M., & Bane, M. (2013, January). *The impact of phonological network structure on children's word learning: A survival analysis*. Paper presented at the Annual Meeting of the Linguistic Society of America, Boston, MA.
- Poepsel, T., Gerfen, C.; & Carlson, M.T. (2012, October). *On the perception of gay-sounding male speech by non-native speakers of English*. Paper presented at the Second Language Research Forum, Pittsburgh, PA.
- Seibert Hanson, A.; Gerfen, C.; & Carlson, M. T. (2012, October). *The challenge of Spanish clitic acquisition: Aural vs. visual processing*. Paper presented at the Second Language Research Forum, Pittsburgh, PA.
- Carlson, M. T., Sonderegger, M., & Bane, M. (2012, June). *The impact of phonological network structure in child-directed speech on children's word learning: A survival analysis*. Paper presented at the Language and Network Science Satellite Symposium, NetSci 2012, Evanston, IL.
- Piñar, P., Dussias, G., Carlson, M. T., & Morford, J. (2011, June). *Contextualizing the reading patterns of deaf individuals within studies on bilingual sentence processing*. Paper presented at the 8<sup>th</sup> International Symposium on Bilingualism, Oslo, Norway.
- Carlson, M. T., Bane, M., & Sonderegger, M. (2011, May). *A graph-theoretic approach to phonological networks in child and child-directed speech: A longitudinal perspective*. Paper presented at Illinois Speech Day 2011, Chicago, IL.
- Carlson, M. T. (2011, May). *Modeling lexical richness in child and child-directed speech*. Poster presented at Illinois Speech Day 2011, Chicago, IL.
- Carlson, M. T., Sonderegger, M., & Bane, M. (2010, November). *Global properties of the phonological network in child-directed speech*. Paper presented at the 35<sup>th</sup> Boston University Conference on Language Development, Boston, MA.
- Carlson, M. T. (2010, November). *Phonological complexity in the developing lexicon*. Talk presented at the 2010 NAEd/Spencer Foundation Annual Meeting and Fellows Retreat, Washington, DC.
- Carlson, M. T., Sonderegger, M., & Bane, M. (2010, October). *Global properties of the phonological network in child and child-directed speech*. Talk presented at the 2010 Mid-Continental Workshop on Phonology, Evanston, IL.
- Carlson, M. T. (2010, February). *Using the developing lexicon to track phonological development in preschoolers*. Talk presented at the 2010 NAEd/Spencer Foundation postdoctoral fellows retreat, Washington, DC.
- Carlson, M. T., Balukas, C., and Gerfen, C. (2010, January). *Suffix productivity and stem allomorph*

- markedness in Spanish derivations with alternating diphthongs*. Paper presented at the annual meeting of the Linguistic Society of America, Baltimore, MD.
- Carlson, M. T. and Gerfen, C. (2009, October). *Affix productivity, processing, and the problem of Spanish diphthong/monophthong alternations*. Invited talk at the Center for Language Science, Pennsylvania State University, University Park, PA.
- Carlson, M. T. and Goldin-Meadow, S. (2009, July). *Manual gesture and the management of cognitive load in bilinguals*. Paper presented at the 7<sup>th</sup> International Symposium on Bilingualism, Utrecht, Netherlands.
- Duncan, S.; Van Deusen Phillips, S. B.; & Carlson, M. T. (2009, July). *Compensation or integration: Gesture use in L1 and L2 storytelling*. Paper presented at the 7<sup>th</sup> International Symposium on Bilingualism, Utrecht, Netherlands.
- Carlson, M. T. and Gerfen, C. (2009, June). *Gradient morphophonological patterns in adult learning of L2 Spanish: Data from the processing of novel derivations*. Paper presented at Multiple Perspectives on the Critical Period for Language, Columbus, OH.
- Carlson, M. T. and Goldin-Meadow, S. (2009, March). *Manual gesture and the management of cognitive load in bilinguals*. Poster presented at GURT, Georgetown University, Washington, DC.
- Carlson, M. T. (2008, October). *Gradient well-formedness and the timecourse of processing of novel derivations in Spanish*. Invited talk at the Workshop on Language, Cognition, and Computation, University of Chicago, Chicago, IL.
- Carlson, M. T. and Goldin-Meadow, S. (2008, September). *Lightening the cognitive load of bilinguals: the role of manual gesture*. Poster presented at the Ghent Workshop on Bilingualism, Ghent, Belgium.
- Carlson, M. T. (2008, March). *Gradient morphophonological patterns in adult learning of L2 Spanish*. Invited talk at Northwestern University, Evanston, IL.
- Carlson, M. T. (2008, February). *Gradient morphophonological well-formedness: The processing of neologisms in lexical decision*. Invited talk at Northwestern University, Evanston, IL.
- Carlson, M. T., and Gerfen, C. (2008, January). *The impact of gradient morphophonological patterns on the processing of novel derivations*. Paper presented at the annual meeting of the Linguistic Society of America, Chicago, IL.
- Carlson, M. T., and Gerfen, C. (2007, September). *The impact of gradient morphophonological patterns on monolingual and bilingual processing of novel derivations*. Poster presented at the Rovereto Workshop on Bilingualism, Rovereto, Italy.
- Carlson, M.T. (2007, March). *The acquisition of probabilistic phonological patterns in adult learners of Spanish as a second language*. Poster presented at the Pennsylvania State University Graduate Exhibition, University Park, PA.
- Carlson, M.T. (2006, November). *El aprendizaje de patrones probabilísticos en la fonología española por anglohablantes adultos*. Invited talk at the University of Granada, Spain.
- Carlson, M. T. (2005, March). *Sensitivity to probabilistic phonological patterns in the early stages of adult English Spanish bilingualism*. Paper presented at the Fifth International Symposium on

Bilingualism, Barcelona, Spain.

Carlson, M. T. (2004, October). *The acquisition of fine-grained phonological knowledge in adult second language learners of Spanish*. Paper presented at the Second Language Research Forum, Penn State University.

Carlson, M. T., and Lantolf, J. P. (2003, March). *Mind making in the private writing of L2 learners*. Paper presented at the AAAL annual conference, Arlington, VA.

Carlson, M. T., and Lantolf, J. P. (2002, October-November). *The Mind on Paper: Private Writing in the Notebooks of Second Language Learners*. Paper presented at the 9th annual meeting of the Sociocultural and Second Language Learning Research Working Group, Florida State University.

Carlson, M. T. (2002, October). *Preverbal Elements in Non-agentive Spanish Predicates: Theta Roles, Case, and Control*. Paper presented at the 6th Hispanic Linguistics Symposium, University of Iowa.

### **Book reviews:**

Pavlenko, Aneta (Ed.). (2009). *The Bilingual Mental Lexicon: Interdisciplinary Approaches*. Bristol: Multilingual Matters. Review appeared first in LINGUIST List 20.4313; <https://linguistlist.org/issues/20/20-4313.html#1>

Herschensohn, Julia. (2007). *Language Development and Age*. Cambridge: Cambridge University Press. Review appeared first in LINGUIST List 19.2335; <http://linguistlist.org/issues/19/19-2335.html>

Keating, Patricia A. (2006). *Phonological Structure and Phonetic Form: Papers in Laboratory Phonology III*. First published in 1994. Cambridge: Cambridge University Press. Review appeared first in LINGUIST List 19.298; <http://linguistlist.org/pubs/reviews/get-review.cfm?SubID=167362>

Davies, Mark. 2006. *A Frequency Dictionary of Spanish*. New York: Routledge. Review appeared first in LINGUIST List 17.1962; <http://linguistlist.org/issues/17/17-1962.html#1>

Eddington, David. 2004. *Spanish Phonology and Morphology: Experimental and Quantitative Approaches*. Philadelphia: John Benjamins. Review appeared first in LINGUIST List 16.1457; <http://linguistlist.org/issues/16/16-1457.html>

### **AWARDS**

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|------|--|
| 2006 | Jesús Díaz Prize for Spanish, Department of Spanish, Italian, and Portuguese, Penn State University  |
| 2005 | Spector Award for outstanding graduate student in Applied Linguistics, Department of Linguistics and Applied Language Studies, Penn State University |
| 2001 | Dartmouth General Fellowship for Graduate Study  |
| 1996 | Phi Beta Kappa   |

### **TEACHING EXPERIENCE**

2013-present Courses taught at Penn State:

SPAN 215 Introduction to Hispanic Linguistics



- SPAN 314 The Sounds of Spanish  
 SPAN 315 Spanish and Spanish Speakers in the US  
 SPAN 316 Spanish words and sentences  
 SPAN 397 Word-building in Spanish  
 SPAN 497 Do you hear what I hear? Regional and other accents in Spanish, and  
 how the mind makes sense of them  
 LING 504 Phonology II  
 SPAN 510 Romance Phonology  
 SPAN 597 Seminar on Laboratory Phonology  
 SPAN 519 Current Statistical Practice in Language Science  
 SPAN 597 Theoretical Approaches to Multilingualism  
 SPAN 597 A few words about words: Linguistic and psycholinguistic approaches  
 to morphology  
 SPAN 597 Code-switching and the bilingual mind
- 2012-2013 Courses taught at University of Texas at El Paso:  
 PSYC 4316 Language and Cognition  
 PSYC 4317 Advanced Statistics  
 PSYC 3201/3101 General Experimental Psychology
- 2010 Instructor, Urban Education Institute, University of Chicago.  
 Course: Human Development and Learning
- 2008 Lecturer, School of Education, Loyola University at Chicago  
 Course: Research Methods in Second Language Acquisition
- 2006 Coordinator, Summer Basic Language Program, Penn State University  
 Selected and created materials, exams, and syllabi for Spanish 1-3 and supervised  
 18 instructors
- 2002-6 Graduate Teaching Assistant, Penn State University  
 Linguistics 100, Foundation of Linguistics  
 Spanish 414: Spanish Phonology  
 Spanish 1-3: Basic Spanish sequence
- 2004 Teaching Assistant, German School, Middlebury College  
 (Summer) Grading and office hours
- 2003 Supervisor, Spanish 2, Penn State University  
 (Spring) Created syllabus, tests, and exams, and supervised 13 instructors teaching 28  
 sections of Spanish 2
- 1997-2001 Spanish Teacher, Oxbow High School, Bradford, VT  
 First-fifth year Spanish, grades 8-12; developed 5<sup>th</sup> year curriculum

## **MENTORSHIP**

### ***Postdoctoral mentoring***

2018-2019 Co-mentor (with Janet van Hell and Carrie Jackson) of Eric Pelzl, NSF PIRE-funded postdoctoral fellow.

2015-2016 Co-mentor (with Dr. Giuli Dussias) of Clara Cohen, NSF PIRE-funded postdoctoral fellow.

### ***Doctoral advising***

2022 (projected completion) Lindsey Chandler; Gabriela Puscama (co-advised with Dr. Giuli Dussias); Ashley Pahis (co-advised with Dr. Karen Miller)

2020 Michael Johns (co-advised with Dr. Giuli Dussias)

2019 Alex McAllister

### ***Project mentoring***

2019-2020 Advisor for Hailey Atiyeh (Nijmegen, The Netherlands), and Co-Advisor for Emily Herman and Angelica Brill (with Dr. Anne Olmstead, Granada, Spain), undergraduate PIRE fellows, Penn State Center for Language Science, NSF-funded research. (aborted after 2 semesters due to COVID-19).

2018-2019 Advisor for Jason Giovagnoli, undergraduate PIRE fellow, Penn State Center for Language Science, NSF-funded research. Nijmegen, The Netherlands.

2017-2018 Advisor for Christianna Otto, undergraduate PIRE fellow, Penn State Center for Language Science, NSF-funded research. Nijmegen, The Netherlands.

2016-2017 Advisor for Alex McAllister, graduate PIRE fellow, Penn State Center for Language Science, NSF-funded research. Nijmegen, The Netherlands.

2015-2016 Advisor for Seekin Kara, 2015-16 undergraduate PIRE fellow, Penn State Center for Language Science, NSF-funded research. Tarragona, Spain.

2014-2015 Advisor for Alex McAllister, 2014-15 graduate PIRE fellow, Penn State Center for Language Science. NSF-funded research. Granada, Spain

2014-2015 Advisor for Felix Huitian, 2014-15 undergraduate PIRE fellow, Penn State Center for Language Science. NSF-funded research. Granada, Spain.

2013-2014 Co-advisor for Nicholas Anderegg, 2013-14 undergraduate PIRE fellow, Penn State Center for Language Science. NSF-funded research. Beijing, China.

### ***Thesis and exam committee membership***

2019-present Dominick DiMercurio (PhD dissertation committee, Communication Sciences and Disorders), Trevor Bero (PhD dissertation committee, Spanish, Italian, and Portuguese), Javier López Seoane (PhD dissertation committee, Spanish, Italian, and Portuguese)

2018-present Priscila López-Beltrán Forcada (PhD dissertation committee, Spanish linguistics), Penn State.

2019-2020 Christianna Otto and Caitlin Reichard (Honors Thesis Advisor, Spanish, Italian, and Portuguese), Penn State.

2018-2020 Isabel Deibel (PhD dissertation committee, Spanish linguistics), Penn State.

2016-2020 Manuel Pulido Azpiroz (PhD dissertation committee, Spanish linguistics), Penn State.

2016-2019 Anne Beatty (PhD dissertation committee, Spanish linguistics), Penn State.

- 2018-2019 Maria Fleck (Honors Thesis Advisor, Linguistics), Penn State.
- 2018 Andrea Takahesu-Tabori (Comprehensive Exam committee, Psychology), University of California, Riverside.
- 2017-2018 Federica Bulgarelli (PhD dissertation committee, Psychology), Penn State.
- 2017-2018 Max Freeman (PhD dissertation committee, Communication Sciences and Disorders), Northwestern University.
- 2017-2018 Amanda Yarson (Honors Thesis Advisor, Spanish, Italian, and Portuguese), Penn State.
- 2015-2017 Chris Champi (PhD dissertation committee, Spanish linguistics), Penn State.
- 2015-2017 Lauren Perrotti (PhD dissertation committee, Spanish linguistics), Penn State.
- 2014-2017 Grant Berry (PhD dissertation committee, Spanish linguistics), Penn State.
- 2014-2017 Ines Martin (PhD dissertation committee, German). Penn State.
- 2015-16 Timothy Poepsel (PhD dissertation committee, Psychology), Penn State.
- 2014 Alvaro Villegas (PhD dissertation committee, Spanish Linguistics). Penn State.
- 2013 Clarissa Navedo (MA, Speech Language Pathology). University of Texas at El Paso.
- 2013 Sonya Stokes (MA), University of Texas at El Paso.
- 2012 Aroline Seibert Hanson (PhD dissertation committee, Spanish Linguistics). Penn State.

## **LEADERSHIP AND SERVICE**

- 2019-2020 Penn State Graduate Council (subcommittee: Joint Curricular Committee)
- 2018-2020 Penn State Center for Language Science Judith F. Kroll and Adele Miccio Award Committee (Chair, 2019-2020)
- 2017-2020 Penn State Department of Spanish, Italian, and Portuguese Activities Committee (Chair, 2019-2020)
- 2014-2019 Penn State College of Liberal Arts Committee on Diversity, Inclusion, and Transformation
- 2018-2019 Penn State Department of Spanish, Italian, and Portuguese Undergraduate Committee
- 2017 Proposed a new graduate course, SPAN 519, *Current statistical practice in language science*. Final approval granted in April, 2018.
- 2014-15, 2016-2017 Center for Language Science (Penn State) PIRE Graduate Committee
- 2014-2017 Penn State Department of Spanish, Italian, and Portuguese Graduate Committee
- 2016 Bilingualism Matters (Penn State chapter) Steering Committee
- 2014 Led summer reading group on Bayesian statistical inference, with participants from the Center for Language Science.
- At University of Texas at El Paso
- 2013 Psychology Department Colloquium Series Coordinator.
- 2012 Initiated a parallel series of Data Lunch presentations, designed as an informal venue for presentation of work in progress, with special focus on innovative quantitative methods.
- 2013 Committee to Evaluate Outstanding Thesis/Dissertation Awards

- 2013 Mentor for grad student team competing in Society for Prevention Research cup data analysis competition
- 2012-13 Undergraduate Program Committee, Department of Psychology, University of Texas at El Paso  
Lead member for developing assessment plan to satisfy SACS state requirements for assessment.
- 2012-13 Coordinator, psychology subject pool, University of Texas at El Paso
- 2012 Co-organizer (with Michael Vitevitch, Morgan Sonderegger, and Max Bane), Language and Network Science Satellite Symposium, held at NetSci2012, Evanston, IL.
- At Penn State
- 2005-6 Representative of the Spanish, Italian, and Portuguese Graduate Student Organization to the Faculty Graduate Committee of the Department of Spanish, Italian, and Portuguese, Penn State University
- 2005-6 Treasurer, Language Acquisition Graduate Organization, Penn State University
- 2004-5 President, Spanish, Italian, and Portuguese Graduate Student Organization, Penn State University
- 2004 Program Committee Chair Assistant, AILA (International Association of Applied Linguistics) 2005
- 2003-4 Vice-president, Spanish, Italian, and Portuguese Graduate Student Organization, Penn State University
- 2004 Technology committee co-chair for the Second Language Research Forum, Penn State University, October 14-16, 2004
- 2002 Assistant, American Association of Applied Linguistics Summer Institute, Penn State University
- 1999-2001 Academic Standards Committee (Teacher member), Oxbow High School

## **OUTREACH**

- 2016-2017 Bilingualism Matters (Penn State chapter) Steering Committee, Penn State University
- 2015-16 Organizer of Bilingualism Matters/Center for Language Science contributions to 3 Exploration-U Community Science Nights, sponsored by Penn State Eberly College of Science.

## **EDITING and REVIEWING**

### **Editing:**

*Frontiers in Psychology* Research Topic: Defining Construction: Insights into the emergence and generation of linguistic representations (2020-2021) (co-edited with M. T. Putnam and A. Fábregas)

### **Reviewer:**

*Applied Developmental Psychology*  
*Bilingualism, Language & Cognition*  
*Child Development*

*Cognitive Development*  
*Cognitive Science*  
*Cultural Diversity and Ethnic Minority Psychology*  
*Frontiers in Psychology*  
*Interaction Studies*  
*International Journal of Bilingualism*  
*International Journal of the Linguistics Association of the Southwest*  
*Journal of Experimental Psychology: Learning, Memory, and Cognition*  
*Journal of Phonetics*  
*Journal of Psycholinguistic Research*  
*Journal of Second Language Pronunciation*  
*Journal of Spanish Language Teaching*  
*Journal of the Acoustical Society of America*  
*Language and Cognitive Processes/Language, Cognition, and Neuroscience*  
*Language Learning*  
*Language and Speech*  
*NSF (Dissertation Improvement Grant, ad hoc reviewer, April, 2017)*  
*Psychonomic Bulletin and Review*  
*Second Language Research*  
*2012 Second Language Research Forum Conference Proceedings*  
The American Association of University Supervisors and Coordinators and Directors of Language Programs (AAUSC)  
*Origins of Sound Change: Approaches to Phonologization* (Ed. A. Yu)  
**Abstract reviewer:** *Linguistic Society of America, Current Approaches to Spanish and Portuguese Second Language Phonology, Hispanic Linguistics Symposium, Second Language Research Forum, Association for Laboratory Phonology*