JOSEPH VINCENT CASILLAS, Ph.D.

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Education

2016 Ph.D, Hispanic Linguistics, University of Arizona, Tucson, AZ

Minor: Second Language Acquisition and Teaching

Dissertation: Longitudinal development of fine-phonetic detail in late learners of Spanish

Director: Dr. Miquel Simonet

2012 M.A., Hispanic Linguistics, University of Arizona, Tucson, AZ

Thesis: Production, perception and processing of English-specific vowel contrasts by early

Spanish-English bilinguals
Director: Dr. Miquel Simonet

2009 M.A., Spanish Philology, Middlebury College, Middlebury, VT

Area: Linguistics

2006 B.A., Psychology, Western Washington University, Bellingham, WA

Appointments

2016 - Present Rutgers University, New Brunswick, Assistant Professor

Bilingualism & Second Language Acquisition, Department of Spanish and Portuguese

2013 - Present Middlebury College, Seasonal Faculty

Language Schools - School of Spanish

2010 - 2016 University of Arizona, Graduate Associate

Teaching – Department of Spanish and Portuguese

Instructional Technology - College of Humanities Instructional Computing

Publications

Journal Articles

Casillas, J. V. and Simonet, M. (2018). Perceptual categorization and bilingual language modes: Assessing the double phonemic boundary in early and late bilinguals. *Journal of Phonetics*, 71:51–64.

Sagarra, N. and Casillas, J. V. (2018b). Suprasegmental information cues morphological anticipation during L1/L2 lexical access. *Journal of Second Language Studies*, 1(1):31–59.

Bessett, R. M., Casillas, J. V., and Ramírez Martínez, M. (2017). Language choice and accommodation: Casual encounters in San Ysidro and Nogales. *Spanish in Context*, 14(1):78–98.

- Llompart, M. and Casillas, J. V. (2016). Lexically driven selective adaptation by ambiguous auditory stimuli occurs after limited exposure to adaptors. *Journal of the Acoustical Society of America*, 139(5):EL172–EL177.
- Casillas, J. V. and Simonet, M. (2016). Production and perception of the English /æ/-/α/ contrast in switched-dominance speakers. Second Language Research, 32(2):171–195.
- Casillas, J. V. (2015c). Production and perception of the /i/-/I/ vowel contrast: The case of L2-dominant early learners of English. *Phonetica*, 72(2-3):182–205.

Selected Proceedings and Electronic Publications

- Casillas, J. V., Díaz, Y., and Simonet, M. (2015b). Acoustics of Spanish and English coronal stops. In Proceedings of the 18th International Congress of Phonetic Sciences, University of Glasgow: Glasgow. http://www.icphs2015.info, ISSN: 241-0669.
- Simonet, M., Casillas, J. V., and Díaz, Y. (2014b). The effects of stress/accent on VOT depend on language (English, Spanish), consonant (/d/, /t/) and linguistic experience (monolinguals, bilinguals). In Speech Prosody 7 Proceedings of the 7th international conference on Speech Prosody: Social and Linguistic Speech Prosody, Trinity College, Dublin. speech-prosody2014.org, ISSN: 2333-2042.
- Casillas, J. V. and Bessett, R. M. (2013). Cuadro de los rasgos distintivos y los alófonos del español [table]. In Cedeño, R. A. N., Colina, S., and Bradley, T. G., editors, *Fonología generativa contemporánea de la lengua española*. Georgetown University Press. Available: https://github.com/jvcasill/rasgos_distintivos.
- Casillas, J. V. (2013b). La fricativización del africado / \mathfrak{tf} /: actitudes lingüísticas cerca de la frontera. In Selected Proceedings of the 6^{th} Workshop on Spanish Sociolinguistics, ed. Ana M. Carvalho and Sara Beaudrie, 177-188, Somerville, MA: Cascadilla Proceedings Project. www.lingref.com, document #2867.
- Casillas, J. V. (2012a). La fricativización del africado /tʃ/ en el habla de las mujeres del sur de Arizona. *Divergencias: Revista de estudios lingüísticos y literarios*, 10(1).
- Casillas, J. V. (2010). La vibrante múltiple intervocálica: los ejercicios de canto como ayuda a su pronunciación en español. *La Gaceta Hispánica de Madrid*, VIII.
- Casillas, J. V. (2009). El uso de los refranes en El Quijote. La Gaceta Hispánica de Madrid, VIII.

Book Reviews

Casillas, J. V. (2017f). Reseña de Lacorte, Manel. 2014. The Routledge Handbook of Hispanic Applied Linguistics. New York: Routledge. *Infoling*, 2(43).

Manuscripts Under Review

Sagarra, N., Lozano-Argüelles, C., and Casillas, J. V. (submitted). Practice makes perfect: Interpreting facilitates 12 morphological anticipation.

Casillas, J. V. (submitted b). Phonetic category formation is perceptually driven during the early stages of adult 12 development. *Language and Speech*.

Casillas, J. V. (submitted a). The longitudinal development of fine-phonetic detail: Stop production in a domestic immersion program.

Manuscripts in Preparation

Casillas, J. V. (in preparation c). Semantic processing affects L2 stop production in late learners.

Casillas, J. V. (in preparation b). L1/L2 cue-weighting strategies in the perception of lexical stress.

Casillas, J. V. (in preparation a). Community approaches to translating specialized terminology in linguistics: lingreference.org.

Software

Casillas, J. V. (2018b). academicWriteR: Helper functions for academic writing/organization. *R package*: jvcasillas.com/academicWriteR

Casillas, J. V. (2018j). lingStuff: Tools and gems for linguistics related research. *R package*: jvcasillas.com/lingStuff

Casillas, J. V. (2018l). untidydata: Untidy datasets for teaching the tidyverse. *R package*: jvcasillas.com/untidydata

Casillas, J. V. (2018i). Distinctive features: Allophones of Spanish. *Shiny app*: jvcasillas.shinyapps.io/shiny_distinctiveFeatures/

Casillas, J. V. (2018g). Data science for linguists: R tutorial. *Shiny app*: jvcasillas.shinyapps.io/r_for_linguists/

Casillas, J. V. (2018d). Data science for linguists: Central Limit Theorem. *Shiny app*: jvcasillas.shinyapps.io/shiny_clt/

Casillas, J. V. (2018c). Data science for linguists: Bivariate linear regression. *Shiny app*: jvcasillas.shinyapps.io/shiny_bivariate_regression

Casillas, J. V. (2018h). Data science for linguists: The generalized linear model. *Shiny app*: jvcasillas.shinyapps.io/shiny_glm

Casillas, J. V. (2018e). Data science for linguists: Perceptual boundary crossover calculator. *Shiny app*: jvcasillas.shinyapps.io/shiny_crossOver

Casillas, J. V. (2018f). Data science for linguists: Power and sample size calculator. *Shiny app*: jvcasillas.shinyapps.io/shiny_power

Casillas, J. V. (2018k). R-snippets: Sublime text snippets to facilitate programming in R. *App plugin*: https://packagecontrol.io/packages/R-snippets

Casillas, J. V. (2018a). Lagrangian: Sublimetext snippets for typesetting IPA characters. *App plugin*: https://packagecontrol.io/packages/LaTeX-IPA

Presentations

Conference Presentations

Lozano-Argüelles, C., Sagarra, N., and Casillas, J. V. (2018b). The time-course of verbal morphology anticipation: When interpreting experience makes a difference. International Symposium on Bilingual and L2 Processing in Adults and Children (ISBPAC). Universität Branschweig, Germany.

Lozano-Argüelles, C., Sagarra, N., and Casillas, J. V. (2017b). Practice makes perfect. L2 morphological anticipation in simultaneous interpreters. International Symposium on Bilingualism. University of Limerick, Ireland.

Lozano-Argüelles, C., Sagarra, N., and Casillas, J. V. (2017c). The role of stress in morphological anticipation: Evidence from interpreters. Hispanic Linguistics Symposium. Texas Tech University, Lubbock, TX.

Sagarra, N., Casillas, J. V., and Rodríguez, N. (2017c). The use of stress in lexical access in early and late bilinguals. Hispanic Linguistics Symposium. Texas Tech University, Lubbock, TX.

Lozano-Argüelles, C., Sagarra, N., and Casillas, J. V. (2017a). Anticipatory eye-movements in morphological prediction: Evidence from interpreters and bilinguals. Second Language Research Forum. The Ohio State University.

- Sagarra, N. and Casillas, J. V. (2017). Lexical stress predicts L1 and L2 morphosyntactic processing. 47th Linguistics Symposium on Romance Languages. University of Delaware, Newark, DE.
- Casillas, J. V. (2017e). The longitudinal development of fine-phonetic detail: Production and perception of spanish stops in a stateside immersion context. 47th Linguistics Symposium on Romance Languages. University of Delaware, Newark, DE.
- Casillas, J. V. (2017b). Coronal stop production in Spanish heritage speakers. 4th National Symposium on Spanish as a Heritage Language. University of California at Irvine, Irvine, CA.
- Casillas, J. V. (2016). Learning to hear fine-phonetic detail: Longitudinal development of language-specific speech perception in adults. Hispanic Linguistic Symposium. Georgetown University, Washinton D.C.
- Simonet, M., Casillas, J. V., and Osborne, D. (2016). Second language acquisition and the double perceptual boundary effect. Sound to Word in Bilingual and Second Language Speech Perception. University of Iowa, Iowa City, Iowa.
- Casillas, J. V., Díaz, Y., and Simonet, M. (2015a). Acoustics of coronal stops in Spanish-English bilingual speech. Hispanic Linguistics Symposium. University of Illinois at Urbana-Champaign, Urbana, IL.
- Bessett, R. M., Casillas, J. V., and Ramírez Martínez, M. (2014). Language choice and accommodation: Casual encounters along the U.S. border. 7th Workshop on Spanish Sociolinguistics. University of Wisconsin-Madison, Madison, WI.
- Casillas, J. V. (2013c). Perception of English /i/-/I/ tense/lax vowel contrast by early learners of English. Second Language Research Forum. Brigham Young University. Provo, Utah.
- Casillas, J. V. (2013a). English-dominant early Spanish-English bilinguals production and perception of English tense lax vowel contrasts. Phonetics and Phonology in Iberia. Universidade de Lisboa, Lisbon. Portugal.
- Casillas, J. V. (2013b). La fricativización del africado / \mathfrak{tf} /: actitudes lingüísticas cerca de la frontera. In Selected Proceedings of the 6^{th} Workshop on Spanish Sociolinguistics, ed. Ana M. Carvalho and Sara Beaudrie, 177-188, Somerville, MA: Cascadilla Proceedings Project. www.lingref.com, document #2867.
- Casillas, J. V. (2012b). Los piojos, las pulgas y el canto... ¡oh my! una segunda mirada a la teoría de dunbar, el cotilleo y el papel de la música en la evolución del lenguage. 22nd Annual Symposium on Hispanic and Luso-Brazilian Literature, Language and Culture.

- Casillas, J. V. (2011a). Going mental with vocabulary: the use of idevice applications in the classroom. Spanish Heritage Language Program Share Day.
- Casillas, J. V. (2011b). La fricativización del africado /tʃ/ en el habla de las mujeres del sur de arizona. 21st Annual Symposium on Hispanic and Luso-Brazilian Literature.

Poster Presentations

- Lozano, C., Sagarra, N., and Casillas, J. V. (2018). Anticipación de morfología en hablantes de español como L2. II Congreso para profesionales de la educación bilingüe. Madrid, Spain.
- Sagarra, N. and Casillas, J. V. (2018a). Prosodic cues facilitate morphological anticipation in monolinguals and bilinguals. International Symposium on Bilingual and L2 Processing in Adults and Children. Universität Braunschweig, Germany.
- Lozano-Argüelles, C., Sagarra, N., and Casillas, J. V. (2018a). Anticipation in professional interpreters: Predicting Morphology. Bridging Attention and Prediction. Universitat de Barcelona, Spain.
- Ramírez Martínez, M. and Casillas, J. V. (2016). La producción de la vibrante múltiple en los estudiantes de español como lengua heredada y en los estudiantes de español como lengua extranjera. 8th Workshop on Spanish Sociolinguistics. University of Puerto Rico, Río Piedras, PR.
- Casillas, J. V., Díaz, Y., and Simonet, M. (2015c). Acoustics of Spanish and English coronal stops. The 18th International Congress of Phonetic Sciences (ICPhS). University of Glasgow, Glasgow, Scotland.
- Simonet, M., Casillas, J. V., and Díaz, Y. (2014a). A contrastive acoustic analysis of dental and alveolar stops in Spanish and English. Hispanic Linguistics Symposium. Purdue University, West Lafayette, IN.
- Simonet, M., Casillas, J. V., and Díaz, Y. (2014c). The effects of stress/accent on vot depend on language (English, Spanish), consonant (/d/, /t/) and linguistic experience (monolinguals, bilinguals). Speech Prosody 7: Social and Linguistic Speech Prosody. Trinity College, Dublin.
- Casillas, J. V. and Simonet, M. (2013). English-dominant early Spanish/English bilinguals perception of English tense-lax vowel contrasts. PPLC 13: Phonetics, phonology and languages in contact: Contact varieties, multilingualism, and second language learning. Paris, Délégation Générale Wallonie-Bruxelles.

Unrefereed Presentations

- Casillas, J. V. (2017c). Crossing borders? The status and future of Spanish in the U.S. School of Spanish Round Table. Middlebury College, Middlebury, VT.
- Sagarra, N., Casillas, J. V., Lozano, C., and Rodríguez, N. (2017b). Eye-tracking reveals bilinguals use stress to predict morphology. 11th annual Perceptual and Cognitive Science Forum. Rutgers University, New Brunswick.
- Sagarra, N., Casillas, J. V., Lozano, C., Eriksson, F., Uscamayta, J., and Overton, J. (2017a). Using lexical stress to predict inflectional morphology. Aresty Undergraduate Research Symposium. Rutgers University, New Brunswick.

Invited Talks/Workshops

- Casillas, J. V. (2017g). Second language pronunciation and variation in the spanish-speaking world. Department of Modern Languages Invited talk. Washington College. Chestertown, Maryland.
- Casillas, J. V. (2017a). Best practices and tools for pycholinguistic research with bilinguals: A gentle introduction to PsychoPy2. Hispanic Linguistics Symposium (workshop). Texas Tech University. Lubbock, Texas.
- Casillas, J. V. (2017d). From code-mixing to mixed methods: Strategies for teaching heritage language learners in the 'L2 classroom'. The Language Center Workshop Series in Collaboration with the World Language Classroom (workshop). Rutgers University. New Brunswick, New Jersey.
- Casillas, J. V. (2015a). Alternative forms of presentation: Introduction to Rmarkdown. College of Humanities Instructional Computing (workshop). University of Arizona. Tucson, Arizona.
- Casillas, J. V. (2015b). Introduction to qualtrics. College of Humanities Instructional Computing (workshop). University of Arizona. Tucson, Arizona.
- Casillas, J. V. (2014b). An overview of the acquisition of L2 phonetics and phonology. Second Language Acquisition and Teaching (SLAT) PhD Proseminar (co-instructor). University of Arizona. Tucson, Arizona.
- Casillas, J. V. (2014c). Using PyschoPy2 for linguistic research. Second Language Acquisition and Teaching (SLAT) PhD Proseminar (workshop). University of Arizona. Tucson, Arizona.

Casillas, J. V. (2014a). Lagrange Texture of Arizona. College of Humanities Instructional Computing (workshop). University of Arizona. Tucson, Arizona.

	Research Experience					
2018	Principle Investigator, Rutgers Applied Phonetics Group: 6 Rutgers University, New Brunswick, NJ					
2015–present	Co-Principle Investigator, Program Articulation and Language Acquisition Research (PArLAR) Middlebury College, Middlebury, VT					
2011 – 2016	Research Assistant, Arizona Applied Phonetics Laboratory University of Arizona, Tucson, AZ, Lab director: Dr. Miquel Simonet					
Spring 2012	Research Assistant, Spanish Heritage Language Program University of Arizona. Tucson, AZ, Director: Dr. Sara Beaudrie					
Fall 2011	Assistant to the Director, Spanish Heritage Language Program University of Arizona, Tucson, AZ, Director: Dr. Sara Beaudrie					
2010	Phonetics Lab Assistant, Spanish High Council of Scientific Investigation (CSIC) Center of Social and Human Sciences, Madrid, Spain, Director: María Juana Gil Fernández					
	Academic Accolades					
	Grants and Scholarships					
2008 – 2016	Comanche Nation Department of Higher Education Scholarship					
2015	Karen Smith Endowment Scholarship University of Arizona, Tucson, AZ					
2015	Graduate and Professional Student Council Research and Project Grant, Awarded \$1,666.00 for professional recording equipment University of Arizona, Tucson, AZ					
2014	Graduate and Professional Student Council Travel Grant, Awarded for travel to the Hispanic Linguistics Symposium (HLS) University of Arizona, Tucson, AZ					
2014	Second Language Acquisition and Teaching Travel Grant, Awarded for travel to the Hispanic Linguistics Symposium (HLS) University of Arizona, Tucson, AZ					
2013	Second Language Acquisition and Teaching Travel Grant, Awarded for travel to the Second Language Research Forum (SLRF) University of Arizona, Tucson, AZ					
2006 – 2008	North American Language and Culture Scholarship Spanish Ministry of Education and Science					
2004 – 2006	Eunice D. Faber Scholarship Western Washington University, Bellingham, WA					

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2015 College of Humanities Fellowship University of Arizona, Tucson, AZ

2013 College of Humanities Fellowship

University of Arizona, Tucson, AZ

2010 – 2011 College of Humanities Fellowship

University of Arizona, Tucson, AZ

2010 – 2011 Graduate College Fellowship

University of Arizona, Tucson, AZ

2009 Outstanding Graduate Student, Middlebury College, Middlebury, VT

2006 Outstanding Graduating Senior Nominee, Western Washington University, Bellingham, WA, Department of Psychology

2006 Outstanding Graduating Senior Nominee, Western Washington University, Bellingham, WA, Department of Modern and Classical Languages

Teaching Experience

2016 - present Assistant Professor, Rutgers University, New Brunswick, NJ

Undergraduate:

Spanish Culture and Composition for Heritage Learners

Introduction to the Study of Language

Introduction to Spanish Phonetics/Phonology

Current Issues in Second Language Acquisition

Graduate:

Spanish Phonology/Phonetics

Data Science for Linguists

Research Methods: Open Science and Reproducible Reseach in Linguistics

2014 - present Instructor, Middlebury College, Middlebury, VT

Courses taught (in Spanish):

High Beginner Spanish in Context.

Spanish Pronunciation Clinic for Beginners.

2010 – 2016 Graduate Associate in Teaching, University of Arizona, Tucson, AZ

Courses taught (in Spanish):

Elementary 1st semester Spanish.

Elementary 2nd semester Spanish.

Intermediate 5th semester Spanish.

Introduction to Spanish Phonetics.

Spanish Phonetics for the Heritage Speaker.

Introduction to Hispanic Linguistics.

History of the Spanish Language.

Applied Linguistics.

Fall 2015 Instructor, Franklin Institute, University of Alcalá, Alcalá de Henares, Spain

Course taught (in Spanish):

Phonetics and oral Spanish.

2009 - 2010 English Teacher, C.E.I.P Carmen Iglesias, Madrid, Spain

Courses taught (in English):

Kindergarten English.

3rd grade English.

2006 - 2008 Teaching Assistant, Escuela Oficial de Idiomas, Cádiz, Spain

Courses taught (in English):

Beginning conversation.

Intermediate conversation.

Advanced conversation.

Service and Outreach

Mentoring of doctoral students

2018 Julio César López Otero, Member of PhD qualifying paper committee

Spanish and Portuguese, Rutgers University

Michele Goldin, Member of PhD qualifying paper committee

Spanish and Portuguese, Rutgers University

Esther Hur, Member of PhD qualifying paper committee

Spanish and Portuguese, Rutgers University

2017 Cristina Lozano, Member of PhD qualifying paper committee

Spanish and Portuguese, Rutgers University

Eileen Blum, Member of PhD qualifying paper committee

Linguistics, Rutgers University

Manuscript Reviewer

2018 Language and Speech.

Bilingualism: Language and Cognition.

2017 Hispanic Studies Review.

Language and Speech.

Bilingualism: Language and Cognition.

Heritage Language Journal.

Languages.

2016 Second Language Research.

Journal of Second Language Pronunciation.

Hispanic Studies Review.

2015 Journal of Second Language Pronunciation.

2012 Proceedings of the 6th International Workshop on Spanish Sociolinguistics University of Arizona, Tucson, AZ.

2012 Editor, Divergencias: Revista de estudios lingüísticos y literarios, Vol. 10, 1.

2011 Assistant Editor, Arizona Journal of Hispanic Cultural Studies, Vol. 15.

2010 Editor, Divergencias: Revista de estudios lingüísticos y literarios, Vol. 8, 2.

2010 Assistant Editor, Arizona Journal of Hispanic Cultural Studies, Vol. 14.

Abstract Reviewer 2014 Speech Prosody 7: Social and Linguistic Speech Prosody. Trinity College, Dublin. 2014 Travel Grant Judge, Graduate and Professional Student Council (GPSC). University of Arizona, Tucson, AZ. Departmental Committees and Administrative Assignments 2017 – 2018 Ad-hoc Committee on Graduate Student Grants and Proposals Department of Spanish and Portuguese, Rutgers University, New Brunswick, NJ 2016 – 2017 Undergraduate Curriculum Committee Department of Spanish and Portuguese, Rutgers University, New Brunswick, NJ 2014 – 2015 Desire to Learn (D2L) Liaison Department of Spanish and Portuguese, University of Arizona, Tucson, AZ 2014 – 2015 Webmaster Department of Spanish and Portuguese, University of Arizona, Tucson, AZ 2011–2014 Co-technology Director Department of Spanish and Portuguese Film Festival, University of Arizona, Tucson, AZ. 2011–2012 Webmaster, Divergencias: Revista de estudios lingüísticos y literarios Organizations and Committees Volunteerism Chair, Phonetics/Phonology, Hispanic Linguistics Symposium 2017 Texas Tech University, Lubbock, TX 2012 Chair, Perception and Production of Phonological Variables, 6th International Workshop on Spanish Sociolinguistics University of Arizona, Tucson, AZ 2011 – 2012 Organizing Committee, 6th International Workshop on Spanish Sociolinguistics University of Arizona, Tucson, AZ 2010 – 2012 Technology Director, Department of Spanish and Portuguese Graduate Symposium University of Arizona, Tucson, AZ

Professional Development

Fall 2015 Study Abroad Program Director, University of Alcalá (Franklin Institute)
Alcalá de Henares, Spain

2014 – 2015 Data Science Specialization, Johns Hopkins University, coursera.org

Instructors: Jeff Leek, PhD, Roger D. Peng, PhD & Brian Caffo, PhD

Courses completed (with distinction):

The Data Scientist's Toolbox.

R Programming.

Getting and Cleaning Data.

Exploratory Data Analysis.

Reproducible Research.

Statistical Inference.

Regression Models.

Practical Machine Learning.

Developing Data Products.

2013 - 2016 Instructional Technology Graduate Liaison, University of Arizona, Tucson, AZ

College of Humanities Instructional Computing

Summer 2013 Bilingual Assistant, Middlebury College, Middlebury, VT

Pronunciation Clinic (co-teaching undergraduate workshop)

Assistant to Dr. Armin Schwegler

Summer 2012 Bilingual Assistant, Middlebury College, Middlebury, VT

Introduction to Spanish Phonetics (graduate course)

Pronunciation Clinic (undergraduate workshop), Assistant to Dr. Luis Ortiz López

2008 Diploma of Spanish as a Foreign Language (DELE), Instituto Cervantes, Spain

Level Superior (C2) in accordance with the Common European Framework of Reference for Languages

(CEFR)

2006 Washington Association of Foreign Language Teachers regional conference, Bellingham, WA

Representative for Foreign Language Associates Northwest (FLAN)

Professional memberships

Modern Language Association

Sigma Delta Pi National Hispanic Honor Society, Chapter MU

The American Council on the Teaching of Foreign Languages

Psi Chi International Honors Society in Psychology, Western Washington University

Additional Interests

Languages English

Spanish

French

Portuguese

Latin

Programing

R

Languages

Python

HTML/CSS

LATEX

PHP

Technology

Mac OS XSPSSWindowsR/RStudioLinuxPraatAdobe Creative SuitePsychoPy

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