

# Fernanda Barrientos Contreras

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## Education

**Ph.D. in Linguistics**, University of Manchester, UK. 2018.  
**M.A. in Applied Linguistics**, University of Concepción, Chile. 2011.  
**B.A. in Education (Spanish)**, University of Concepción, Chile. 2007.

## Theses

- PhD: “Perceptual representations in Interlanguage Phonology: subcategorical learning in late-learners with a smaller vowel inventory”. Supervisors: Dr. Yuni Kim & Dr. Wendell Kimper
- MA: “Diseño de un modelo de estudiante para un sistema tutorial inteligente destinado a la enseñanza del español como lengua extranjera”.
- BA: “La enseñanza del subjuntivo en español como lengua extranjera apoyada por una aplicación computacional”.

## Teaching

### **Department of Linguistics, University of Konstanz (Germany)**

#### *Academic Collaborator*

- Fonética del español, 2018 (with an academic writing submodule)
- English Phonology, 2017 (with academic writing) - 2018
- Phonological Acquisition in L2 English, 2017 (with academic writing)
- La enseñanza del español como segunda lengua, 2017

### **Department of Linguistics & English Language, U. of Manchester (UK)**

#### *Graduate Teaching Assistant*

- Quantitative Methods in Language Sciences, 2016-2017
- Phonetics and Phonology A, 2016
- Phonology 2: Sound Patterns Across Languages, 2015
- Linguistics of American English, 2015
- Phonology 1, 2014-2015

### **Department of Spanish, University of Concepción (Chile)**

#### *Academic Collaborator*

- Speech production and comprehension, 2013
- Oral and written communication workshop I, 2011-2013
- Oral and written communication workshop II, 2011-2013
- Teaching Spanish as a Foreign Language, 2009

## Research

### **Cathie Marsh Institute for Social Research, U. of Manchester**

#### *Research Assistant*

Q-Step helpdesk: assistance for undergraduate students with statistics.

### **Spanish Department, University of Concepción**

#### *Research Assistant*

Project: DIUC-Sociales 209603010-1: “Un sistema tutorial inteligente para la enseñanza del español como lengua extranjera”.

## Awards and Scholarships

### **President's Doctoral Scholar Award (PDS)**

University of Manchester, 2013-2016

### **Graduate School Scholarship**

University of Concepción, 2008-2009

### **Scholarship for Education Students**

Ministry of Education (Chile), 2001-2007

## Publications

- Barrientos, F. & Kauhanen, H. (in prep): On the perceptual space of the vowels of Concepción (Chile).
- Barrientos, F. & Gopal, D. (in prep.): Understanding variation in loanword adaptation: L1 phonological perception vs. L2-driven repairs.
- Salcedo, P.; Ferreira, A.; & Barrientos, F. (2013): A Bayesian Model for Lexical Availability of Chilean High School Students in Mathematics. In Ferrández Vicente, J.M., Álvarez-Sánchez, J.R., de la Paz López, F., Toledo-Moreo, F.J. (Eds.): *Natural and Artificial Models in Computation and Biology*, pp. 245-253.
- Barrientos, F.; Ferreira, A.; & Salcedo, P. (2012): Modelado del estudiante para el STI ELE-TUTOR: diseño de un componente adaptativo para apoyar la competencia lingüística del español como lengua extranjera. *Boletín de Filología* 47 (1), 11-32.
- Ferreira, A.; Salcedo, P.; Kotz, G.; & Barrientos, F. (2012): La Arquitectura de ELE-TUTOR: Un Sistema Tutorial Inteligente para el Español como Lengua Extranjera. *Signos* 45 (79), 102-131.

## [T]alks and [P]osters (peer-reviewed)

- P Barrientos, F. & Gopal, D. (2018). Regional variation in loanword adaptation: Acoustic or phonological repair? LabPhon16, University of Lisbon, Portugal. 20 - 23 June.
- P Barrientos, F. & Gopal, D. (2017). Perceptual boundaries and features in Chilean Spanish. 25th Manchester Phonology Meeting. University of Manchester, UK. 25-27 May.
- T Barrientos, F. (2016). What is a perceptual category in L2? On the nature of sound representations in late learners of a second language with a smaller L1 phonological inventory. 2016 Annual Meeting of the Linguistics Association of Great Britain (LAGB). University of York, UK. 6 - 9 September.
- T Barrientos, F. (2016). Perceptual L2 vowel categories in L1 Spanish speakers: What late L2 speakers (do not) learn. New Sounds 2016. University of Aarhus, Denmark. 10-12 June.

[T]alks and  
[P]osters  
(peer-  
reviewed)

- T Barrientos, F. (2016). What can reaction times tell us about L2 categories? Perception of the /α/ - /ʌ/ contrast by native speakers of Spanish. Edinburgh Linguistics Postgraduate Conference. University of Edinburgh, UK, 1-3 June.
- T Barrientos, F. (2016). Is L1 category splitting possible? On representations of L2 sounds and their role in lexical activation. Sound To Word 2016. University of Iowa, IA, USA. 1-2 April.
- P Barrientos, F. (2015). The role of the L1 phonemic inventory in L2 category creation: effects of L2-to-L1 mapping in perception of nonnative contrasts. Workshop "Modelling Variability in Speech". University of Stuttgart, Germany. 1-2 October.
- T Barrientos, F. (2015). Effects of L2 knowledge into L1 speech perception: boundary movement in the vowel perceptual space. 2015 Annual Meeting of the Linguistics Association of Great Britain (LAGB). University College London, UK. 15-18 September.
- T Barrientos, F. (2014). Effects of L2 proficiency in perception of native-like stimuli with embedded L2 vowels. Manchester Forum in Linguistics. University of Manchester, UK. 13-14 November.

[T]alks and  
[P]osters  
(non peer-  
reviewed)

- T Gopal, D. & Barrientos, F (2018): Loanword adaptation and perceptual variation across Spanish varieties. University of Cambridge, UK. 15 June.
- P Barrientos, F. (2016). How categorical is categorical perception in L2? Discrimination and identification along continua in 1-to-1 and 2-to-1 mappings. UK Speech. University of Sheffield, UK. 20-21 June.
- T Barrientos, F. (2015). ¿Dos gramáticas perceptuales? Influencia del concepto de modo lingüístico en la percepción de vocales inglesas en hablantes nativos de español. VI Jornadas de Fonética Humberto Valdívieso. Universidad de Concepción, Chile. 8-9 January.

Other  
academic  
activities

**Department of Linguistics and English Language, U. of Manchester**

- Psycholinguistics Lab assistant (2016 - 2017)
- Student representative (2015 - 2016)
- Co-organiser, Manchester Forum in Linguistics (2015 - 2017)
- Lead organiser, Manchester Forum in Linguistics (2014)

**English Opens Doors Program, Ministry of Education (Chile)**

- Teacher and online tutor of Spanish as a Foreign Language (2010)
- Collaborator, e-learning course of Spanish as a Foreign Language (2008-2009)

**Spanish Department, University of Concepción**

- Student representative (2005)

Other studies	<p><b>Universität Osnabrück</b>, (Germany) 2008</p> <ul style="list-style-type: none"> <li>• Graduate student, Summer School "Theory, Model, Method".</li> </ul> <p><b>St. Cloud State University</b>, (MN, USA) 2006</p> <ul style="list-style-type: none"> <li>• Exchange undergraduate student, UdeC - SCSU Study abroad programme</li> </ul>
Languages	<ul style="list-style-type: none"> <li>• Spanish (native)</li> <li>• English (C1+)</li> <li>• Portuguese (B1.2)</li> <li>• German (B1.1)</li> <li>• Finnish (A1)</li> </ul>
Memberships	<ul style="list-style-type: none"> <li>• The University of Manchester Chilean Society 2015 - present.</li> <li>• Linguistics Association of Great Britain (LAGB). 2014 - present.</li> </ul>
Technical skills	<ul style="list-style-type: none"> <li>• Praat: Advanced scripting</li> <li>• R: Scripting, descriptive and inferential statistics, graphs</li> <li>• L<sup>A</sup>T<sub>E</sub>X: Typesetting</li> <li>• HTML: Creation of websites</li> <li>• Python: Basic scripting</li> <li>• PsychoPy: Perceptual experiments (Python-based)</li> <li>• Linux</li> <li>• E-Prime: Perceptual experiments (JavaScript-based)</li> <li>• Limesurvey: Online surveys for data collection (MySQL-based)</li> </ul>