

# Fernanda Barrientos

✉ fernanda.barrientos-contreras@uni-konstanz.de

📄 fernandabarrientos.cl

## Education

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### University of Manchester

Manchester, UK

*PhD in Linguistics*

2013–2018

- Dissertation: "Perceptual representations in Interlanguage phonology: subcategorical learning in late-learners with a smaller vowel inventory".
- Supervisors: Dr Yuni Kim and Dr Wendell Kimper

### Universidad de Concepción

Concepción, Chile

*Magíster en Lingüística Aplicada*

2008–2011

- Dissertation: "Diseño de un modelo de estudiante para un sistema tutorial inteligente destinado a la enseñanza del español como lengua extranjera".
- Supervisors: Dr Pedro Salcedo and Dr Anita Ferreira

### Universidad de Concepción

Concepción, Chile

*Licenciada en Educación - Profesora de Español*

2002–2007

- Dissertation: "La enseñanza del subjuntivo en español como lengua extranjera apoyada por una aplicación computacional".
- Supervisor: Dr Anita Ferreira

## Teaching

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### I. Courses (in [S]panish and [E]nglish)

#### Fachbereich Linguistik, Universität Konstanz

Konstanz, Germany

*Akademische Mitarbeiterin*

Since 2017

- MA courses:
  - E Statistics (co-taught with Prof. Bettina Braun).
  - E Praat scripting
  - S Problemas actuales de la fonología del español [Current topics in Spanish Phonology]
- BA courses:
  - E Phonology II
  - E English Morphology
  - S Fonología del español [Spanish Phonology]
  - S Fonética del Español [Spanish Phonetics]
  - E Phonological Acquisition in L2 English
  - S La enseñanza del español como segunda lengua [Teaching Spanish as a second language]
  - E English Phonology

**Department of Linguistics and English Language, U. of Manchester** **Manchester, UK**  
*Graduate Teaching Assistant* *2014–2017*

- o BA tutorials:
  - E Quantitative Methods in Language Sciences
  - E Phonetics and Phonology
  - E Phonology 2: Sound Patterns Across Languages
  - E Phonology 1
  - E Linguistics of American English

**Departamento de Español, Universidad de Concepción** **Concepción, Chile**  
*Colaborador Académico [Academic Collaborator]* *2009–2013*

- o BA courses:
  - S Producción y comprensión oral [Oral comprehension and production]
  - S Taller de comunicación oral y escrita I - II [Workshop of written and oral communication I - II]
  - S Enseñanza del español como lengua extranjera [Teaching Spanish as a foreign language]

## II. Workshops

**Department of Language and Linguistics, University of Essex** **Colchester, UK**  
*Visiting scholar, YERUN network* *March 2019*

- o Praat scripting for production and perception experiments
- o R for linguistic research

## Research

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**Cathie Marsh Institute for Social Research** **U. of Manchester**  
*Research Assistant* *2016–2017*

Q-Step Helpdesk: Help in Quantitative Methods in Social Sciences.

**Departamento de Español** **U. de Concepción**  
*Research Assistant* *2016–2017*

Participation in the project DIUC-Sociales 09603010-1: "Un sistema tutorial inteligente para la enseñanza del español como lengua extranjera" [An Intelligent Tutoring System to teach Spanish as a foreign language]

## Awards and Scholarships

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**2018:** YERUN Research Mobility Award (visiting scholar, University of Essex) - YERUN Network

**2013:** President's Doctoral Scholar Award (PDS) - University of Manchester

**2008:** Graduate School Scholarship - Facultad de Humanidades y Arte, Universidad de Concepción

**2002:** Scholarship for Education students - Ministry of Education, Chile

## Publications

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- o Barrientos, F. (Under review): On segmental representations in second language phonology: a perceptual account. *Second Language Research*.
- o Salcedo, P.; Ferreira, A.; & Barrientos, F. (2013): A Bayesian Model for Lexical Availability of Chilean High School Students in Mathematics. In Fernández 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.
- o 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.

- o 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**

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- P** Barrientos, F. & Gopal, D. (2018). Regional variation in loanword adaptation: Acoustic or phonological repair? LabPhon16, Universidade de Lisboa, 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** Barrientos, F. (2016). What can reaction times tell us about L2 categories? Perception of the /α/ - /ʌ/ contrast by native speakers of Spanish. Edinburgh 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.

## **Other academic activities**

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### **Department of Linguistics and English Language, University of Manchester**

- o Research Assistant, Psycholinguistics Lab (2016–2017)
- o Graduate student representative (2015–2016)
- o Co-organiser, Manchester Phonology Meeting (2014-2016)
- o Main Organiser, Manchester Forum in Linguistics (2014)
- o Co-organiser, Manchester Forum in Linguistics (2015–2017)

### **Programme "English opens doors", Ministry of Education, Chile**

- o Language teacher and online tutor of Spanish as a foreign language (2010)
- o Participation as developer of an e-learning course in Spanish as a foreign language (2008–2009)

### **Departamento de Español, Universidad de Concepción**

- o Student representative (2005)

## Other studies

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### **Institut für Anglistik/Amerikanistik, Universität Osnabrück (Germany)**

- 2008: Summer School "Theory, Model, Method".

### **St. Cloud State University, MN (USA)**

- 2006: Exchange student, UdeC/SCSU Study-Abroad Programme

## Computer skills

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### **Operating systems**

- Windows
- Linux
- Mac

### **Computer languages**

- Python (basic)
- HTML/CSS (very good)
- JavaScript (basic)

### **Online survey systems**

- Limesurvey (very good)

### **Programmes for linguistic research**

- R (good)
- Praat (very good)
- PsychoPy (good)
- E-Prime (good)

### **Typesetting**

- L<sup>A</sup>T<sub>E</sub>X (very good)

## Languages

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**Spanish:** Native

**English:** C2

**Portuguese:** B1.1

**German:** B2

**Finnish:** A2