







# Fernanda Barrientos Contreras

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## Work

- 2017 –  **Academic Collaborator**, Department of Linguistics, University of Konstanz
- 2014 – 2017  **Graduate Teaching Assistant**, Department of Linguistics and English Language, University of Manchester, UK
- 2009 – 2013  **Academic Collaborator**, Department of Spanish, University of Concepción, Chile

## Education




- 2013 – 2018  **Ph.D. in Linguistics, University of Manchester (UK)**  
Thesis title: *Perceptual representations in Interlanguage phonology: subcategorical learning in late-learners with a smaller vowel inventory* (Supervisors: Dr. Yuni Kim and Dr. Wendell Kimper).
- 2008 – 2011  **Magíster en Lingüística Aplicada, Universidad de Concepción (Chile)**  
Thesis title: *Diseño de un módulo de estudiante para un sistema tutorial inteligente destinado a la enseñanza del español como lengua extranjera*.
- 2002 – 2007  **Profesora de Español/Licenciada en Educación, Universidad de Concepción (Chile)**  
Thesis title: *La enseñanza del subjuntivo en español como lengua extranjera apoyada por una aplicación computacional*.

## Publications


- 1 Barrientos, F. (2024). Out with the old, in with the new: Contrasts involving new features with acoustically salient cues are more likely to be acquired than those that redeploy L1 features. *Special Issue: Formal Approaches to Multilingual Phonology. Frontiers in Language Sciences*, 3.
- 2 Barrientos, F. (2023). On segmental representations in second language phonology: A perceptual account. *Second Language Research*, 39(1), 259–285.
- 3 Salcedo, P., Ferreira, A., & Barrientos, F. (2013). A Bayesian model for lexical availability of Chilean high school students in mathematics. *Natural and Artificial Models in Computation and Biology: 5th International Work-Conference on the Interplay Between Natural and Artificial Computation, IWINAC 2013*, 245–253.
- 4 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).
- 5 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.

## Teaching



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

- 2019 -  **As Academic Collaborator at the Department of Linguistics, U. of Konstanz**, Graduate level:
- E Praat scripting
  - S Problemas actuales de la fonología del español [Current topics in Spanish Phonology]
  - E Core Components of Language A (phonetics, phonology, morphology).
- 2017 -  **As Academic Collaborator at the Department of Linguistics, U. of Konstanz**, Undergraduate level:
- E Structure and History of English II (co-taught with Chiara Riegger)
  - E Statistics (co-taught with Prof. Dr. Bettina Braun)
  - E Phonology II
  - E Advanced Topics in English Phonology
  - 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
- 2009 - 2013  **As Academic Collaborator at the Department of Spanish, U. of Concepción**, Undergraduate level:
- 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]

### Tutorials

- 2014 - 2017  **As a Graduate Teaching Assistant at the Department of Linguistics and English Language, U. of Manchester**, Undergraduate level
- **Quantitative Methods in Language Sciences** (Course leader: Dr. Patrycja Strycharczuk)
  - **Phonetics and Phonology** (Course leader: Dr Wiebke Brockhaus-Grand)
  - **Phonology 2: Sound Patterns Across Languages** (Course leader: Dr. Yuni Kim)
  - **Phonology 1** (Course leader: Dr. Ricardo Bermúdez-Otero)
  - **Linguistics of American English** (Course leader: Dr. Maciej Baranowski)

### Thesis supervision

- 2024  **Johanna Schlenso**. Phonological adaptation in English loanwords from Old Norse [Main supervisor: Prof. Dr. George Walkden]. BA Sprachwissenschaft, U. of Konstanz.
- 2023  **Agathe Cambon**. A study on the relationship between voice pitch values of French female politicians and the perception of their leadership skills [Co-supervisor: Prof. Dr. Jean-Rémi Lapaire]. MA in Multilingualism, U. of Konstanz/U. Bordeaux-Montaigne.

## Teaching (continued)

- 2021    ■ **Chiara Riegger.** On the quality of diphthongs in Old English [Main supervisor: Prof. Dr. George Walkden]. BA Sprachwissenschaft, U. of Konstanz.
- **Filiz Hellwig.** Die Rolle der Stimmhaftigkeit beim Erwerb von Sibilanten in der L2 Russisch: Ein Vergleich des Schwäbischen in Standarddeutschen [Main supervisor: Prof. Dr. Tanja Kupisch]. BA Sprachwissenschaft, U. of Konstanz.

## Workshops

- 2019    ■ **Praat scripting for production and perception experiments.** University of Essex, UK.
- **R for linguistic research.** University of Essex, UK.

## Awards, Scholarships, and Funding

- 2024    ■ **Young Scholar Fund, start-up funding,** University of Konstanz
- 2013    ■ **President's Doctoral Scholar Award,** University of Manchester.
- 2008    ■ **Graduate School Scholarship,** Facultad de Humanidades y Arte, Universidad de Concepción
- 2002    ■ **Scholarship for Education students,** Ministry of Education, Chile




## Conferences

### Talks



- 2023    ■ Barrientos, F. *Feature redeployment in L2 vowel perception: how important is the presence of an active feature in the L1?* EuroSLA 32. University of Birmingham, UK. 24-27 August.
- 2022    ■ Barrientos, F. & Kauhanen, H.: *Variational learning and SLA: Modelling the L2 acquisition of Spanish tense and aspect.* EuroSLA 31. University of Fribourg, Switzerland. 24-27 August.
- Barrientos, F.: *Don't buy, recycle? Acquiring new features versus feature redeployment in L2 speech perception.* New Sounds 2022. University of Barcelona, Spain. 20-22 April.
- 2016    ■ Barrientos, F.: *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.
- Barrientos, F.: *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.
- Barrientos, F.: *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.
- Barrientos, F.: *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.
- 2015    ■ Barrientos, F.: *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.
- 2014    ■ Barrientos, F.: *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.

## Conferences (continued)

### Posters



- 2018     Barrientos, F. & Gopal, D.: *Regional variation in loanword adaptation: Acoustic or phonological repair?* LabPhon16, Universidade de Lisboa, Portugal. 20 - 23 June.
- 2017     Barrientos, F. & Gopal, D.: *Perceptual boundaries and features in Chilean Spanish*. 25th Manchester Phonology Meeting. University of Manchester, UK. 25-27 May.
- 2015     Barrientos, F.: *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.

## Participation in research groups










- 2016 - 2017     **Research Assistant**, Q-Step Helpdesk: Help in Quantitative Methods in Social Sciences. Cathie Marsh Institute for Social Research, U. of Manchester.
- 2009     **Research Assistant**, project DIUC-Sociales 09603010-1FI: "Un sistema tutorial inteligente para la enseñanza del español como lengua extranjera" [An Intelligent Tutoring System to teach Spanish as a foreign language]. Spanish Department, U. of Concepción.

## Academic life



### Studying abroad

- 2009     Participant at the Summer School "Theory, Model, Method". Institut für Anglistik/Amerikanistik, Universität Osnabrück
- 2006     Exchange student, St. Cloud State University, MN (USA)

### Other academic activities

- 2023 -     Responsible person for the recognition of courses taken abroad in the field of English linguistics. Department of Linguistics, University of Konstanz.
- 2016 - 2017     Research Assistant, Psycholinguistics Lab. Department of Linguistics and English Language, University of Manchester.
- 2014 - 2016     Graduate student representative. Department of Linguistics and English Language, University of Manchester.
-  Co-organiser, Manchester Phonology Meeting. Department of Linguistics and English Language, University of Manchester.
- 2014     Main Organiser, Manchester Forum in Linguistics.
- 2015 - 2017     Co-organiser, Manchester Forum in Linguistics.
- 2010     Language teacher and online tutor of Spanish as a foreign language. Programme "English opens doors", Ministry of Education, Chile.
- 2008 - 2009     Participation as developer of an e-learning course in Spanish as a foreign language. Department of Spanish, University of Concepción.
- 2015     Student representative. Spanish Department, University of Concepción.

## Skills

- Languages     Spanish (Native), English (C2), German (C1.1), Portuguese (Reading C1, speaking B1), Finnish (A2).
- Coding     Python, R,  $\LaTeX$

## Skills (continued)

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|                   |   |                                   |
|-------------------|---|-----------------------------------|
| Research          | ▀ | Praat, PsychoPy, E-Prime, JsPsych |
| Web Dev           | ▀ | HTML, CSS, JavaScript             |
| Operating systems | ▀ | Linux, Mac, Windows               |

## References

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### **Prof. Dr. Bettina Braun**

Professor for General Linguistics/Phonetics  
University of Konstanz

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### **Dr. Yuni Kim**

Research Development Manager  
University of Surrey

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### **Dr. Wendell Kimper**

Senior Lecturer in Linguistics  
University of Manchester

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