

Trisha B. Thomas

CURRICULUM VITAE

PERSONAL DATA

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CURRENT POSITION

PhD Student, Cognitive Neuroscience **January 2019—Present**

University of the Basque Country, Basque Center on Cognition, Brain and Language
Donostia-San Sebastián, Spain

Ph.D. topic: “Does who you are speaking to affect what you remember?”

Advisors: Dr. Clara Martin & Dr. Sendy Caffarra

EDUCATION

Ph.D. in Cognitive Neuroscience (in progress) **Expected 2023**

University of the Basque Country, Basque Center on Cognition, Brain and Language
Donostia-San Sebastián, Spain

Ph.D. topic: “Does who you are speaking to affect what you remember?”

Advisors: Dr. Arthur Samuel & Dr. Clara Martin & Dr. Sendy Caffarra

Masters in Cognitive Neuroscience of Language **Summer 2018**

University of the Basque Country, Basque Center on Cognition, Brain and Language
Donostia-San Sebastián, Spain

Masters thesis: “Does accented speech affect attention and information retention?”

Advisors: Dr. Clara Martin & Dr. Sendy Caffarra

Committee: Dr. Kepa Paz-Alonso, Dr. Lucia Amoruso & Dr. Loretxu Bergouignan

Bachelor of Arts in Cognitive Science, departmental honors **Winter 2015**

(concentration in language)
Indiana University-Bloomington
Bloomington, Indiana

Undergraduate honors thesis: “Phonotactic repairs and the mental lexicon of second language learners”

Advisor: Dr. Isabelle Darcy

Committee: Dr. Thomas Busey & Dr. Natsuko Tsujimura

RESEARCH EXPERIENCE

Graduate Research Assistant **Spring 2018—Fall 2018**

Basque Center on Cognition, Brain and Language

- designed, collected, and analyzed data for thesis research project on the attentional load and amount of information retained when listening to foreign accented speech

Full-Time Research Associate**Winter 2016—Fall 2017***Department of Speech and Hearing Sciences, Department of Psychology, Indiana University*

- administered cognitive, auditory and visual testing and analyzed experiments on matlab
- interacted with elderly participants in an extended, one-on-one setting
- completed matlab programming & SPSS data entry

Volunteer Undergraduate Research Assistant**Fall 2013—Fall 2017***Department of Psychology, Department of Second Language Studies, Indiana University*

- performed EEG capping and data analysis for visual perception and cannabis experiments
- designed an EEG experiment on visual priming and carried out the data collection and analysis for this project
- created the stimuli, programed and conducted an experiment on vowel epenthesis for my undergraduate honors thesis

HONORS AND AWARDS

Departmental Honors in Cognitive Science

2015

Outstanding Undergraduate Research in Cognitive Science Award

2016**GRANTS**

Basque Government Visiting Researcher Short Stay Grant

2021

Basque Government Pre-Doctoral Fellowship

2019-2023

Hutton Honors College Undergraduate Research Grant

2015**PUBLICATIONS**

DARCY, I., & THOMAS, T. (2019). When blue is a disyllabic word: Perceptual epenthesis in the mental lexicon of second language learners. *Bilingualism: Language and Cognition*, 22(5), 1141-1159. doi:10.1017/S1366728918001050

CONFERENCE PROCEEDINGS

ORAL PRESENTATIONS:

Darcy, I., Thomas, T., & Alotaibi, A. (2016, June). *'Blue' is a disyllabic word: Perceptual epenthesis in the mental lexicon of second language learners.*

Paper presented to New Sounds 2016: 8th International Conference on Second-Language Speech. Aarhus University, Denmark.

POSTER PRESENTATIONS:

Thomas, T., Martin, C., & Caffarra, S. (2021, March). *Towards a dynamic model of processing of native, dialectal, and foreign accented speech.*

Poster presentation at Cognitive Neuroscience Society (CNS) 2021Virtual

SCIENTIFIC DISSEMINATION

Brain Awareness Week scheduled youth presenter**March 2020(postponed)**

Pint of Science Donostia invited speaker **May 2020 (postponed)**
Talk titled "Beer or Bear? Foreign Accent Processing"

BrainHack Donostia organization committee **November 9-13, 2020 (made remote)**

COMMUNITY INVOLVEMENT

Caritas Spain

- worked with immigrants and refugee arrivals in the Gipuzkoa region of the Basque Country

Area 10 Agency on Aging

- elderly care companion- made weekly home visits, ran errands, provided company and assistance with tasks

English Tutor

- Volunteered weekly to provide English tutoring for international students

Bloomington Animal Shelter

- Volunteered bimonthly cleaning living space of animals and taking them out for exercise

TECHNICAL SKILLS

- **Programming languages:** Matlab, Python, Javascript, Psychopy
- **Statistical analysis:** R, SPSS, SPM, MNE python
- **Research methods:** EEG, fMRI (limited), Eye tracking (limited)
- **Other:** PRAAT, Goldwave, Mac OS, Windows OS

LANGUAGES

English: Fluent, Native

Spanish: Advanced

Mandarin: Intermediate

REFERENCES

Letters of recommendation available upon request

BCBL

Dr. Sendy Caffarra, Assistant Professor at the University of Modena, Visiting Scholar at Stanford University, former Staff Scientist at BCBL
caffarra@stanford.edu

Dr. Clara Martin, Ikerbasque Research Professor, Group Leader, Staff Scientist
Basque Center on Cognition, Brain and Language
Donostia-San Sebastián
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Indiana University

Dr. Thomas Busey, Professor
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Dr. Isabelle Darcy, Associate Professor
Department of Linguistics, Second Language Studies
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idarcy@indiana.edu

Dr. Larry Humes, Professor

Department of Speech and Hearing Sciences
Indiana University Bloomington
humes@indiana.edu

Pat Knapp, Lab Manager

Audiology Research Lab, Department of Speech and
Hearing Sciences
Indiana University Bloomington
paknapp@indiana.edu