

## Trisha B. Thomas

---

### CURRICULUM VITAE

---

#### PERSONAL DATA

---

Office Address: Mikeletegi Pasealekua, 69, 20009, Donostia, Gipuzkoa  
Office Phone: +34 695 07 78 42  
E-mail: tthomas840@gmail.com, t.thomas@bcbl.eu

#### 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. Loretzu 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  
c.martin@bcbl.eu

### **Indiana University**

**Dr. Thomas Busey, Professor**  
Department of Psychological and Brain Sciences  
Indiana University Bloomington  
busey@indiana.edu

**Dr. Isabelle Darcy, Associate Professor**  
Department of Linguistics, Second Language Studies  
Indiana University Bloomington  
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