

Curriculum Vitae

Duygu Buga

BT7 1FS Belfast, Northern Ireland, UK

Buga-D@ulster.ac.uk

SUMMARY

A determined, aspired, passionate and diligent PhD researcher in Experimental Linguistics and Bilingualism with 4 publications.

An innovation and technology oriented ESL/EFL and TFL teacher with 11 years of experience in teaching a great deal of students in various age groups.

EDUCATION

Ulster University

PhD Researcher - Linguistics

Belfast, UK

Sept 1 - Present

University of Trento

Master of Science in Cognitive Science (concentration: Language and Multimodal Interaction),

Thesis: *Investigating Neural Correlates of Emotional Stimuli in Italian-English Bilinguals: an fMRI study with the emotional Stroop task,*

Grade: 97 /110

Trento, IT

October 2021

Istanbul University

Bachelor of Arts in English Language Teaching

Honors: cum laude (GPA: 3.07/4.00)

Istanbul, TR

July 2014

Trakya University

Bachelor of Arts in English Language Teaching

Transferred to Istanbul University

Edirne, TR

October 2012

WORK EXPERIENCE

Ulster University

PhD Researcher - Linguistics

Belfast, UK

Sept 1 - Present

ITALKI HK,

English and Turkish Language Teacher (Online)

Online

October 2021 - Present

- Teaching English and Turkish as a foreign language to Kids, Teens and Adults
- Designing curriculum
- Creating daily, weekly and yearly plans
- Creating classroom activities and tasks for all levels (A1-C1)
- Tutoring for IELTS and GESE

- Testing and Assessment
- Designing interactive language learning materials for all age groups

UNIVERSITY OF VITA-SALUTE SAN RAFFAELE,
Research Intern

Milan, IT

March 2021–July 2021

- Master's internship and thesis research in Center for Neurolinguistics and Psycholinguistics (CNPL): investigating neural correlates of emotional stimuli in bilinguals

KOÇ UNIVERSITY,
Volunteer Research Assistant

Istanbul, TR

September 2017–August 2018

- Gesture and speech coding using ELAN under the supervision of Dr. Asli Aktan Erciyes in Language and Cognition Lab

KALEV FOREIGN LANGUAGE SCHOOL - KADIKÖY
English Language Teacher

Istanbul, TR

September 2016–August 2019

- Teaching English to young learners and teens
- Designing curriculum
- Creating daily, weekly and yearly plans
- Creating classroom activities for all levels (A1-B2)
- Creating tasks
- Evaluating course books
- Testing and Assessment

TUZLA FEN ELEMENTARY & SECONDARY SCHOOL
English Language Teacher

Istanbul, TR

August 2015–February 2016

- Teaching English to kids and teens in Elementary and Secondary School
- Designing curriculum
- Testing and Assessment

AMERICAN CULTURAL ASSOCIATION LANGUAGE SCHOOLS,
English Language Teacher, Exam Tutor

Istanbul, TR

September 2014–July 2015

- Teaching English to Adults
- Tutoring for TOEFL and IELTS

BRITISH TOWN ENGLISH LANGUAGE SCHOOLS,
English Language Teacher

Istanbul, TR

October 2013–June 2014

- Teaching English to Kids

VOLUNTEER WORK

TURKISH SOCIAL SERVICES AND CHILDREN PROTECTION INSTITUTION,
Volunteer English Language Teacher

Istanbul, TR

April 2013–June 2013

- Teaching English to Young Learners

ÇAĞDAŞ YAŞAMI DESTEKLEME DERNEĞİ,

Volunteer English Language Teacher

- Teaching English to Kids and Teens

Istanbul, TR

June 2011–July 2012

PUBLICATIONS

- Del Maschio N, Sulpizio S, Bellini C, Del Mauro G, Giannachi M, **Buğa D**, Fedeli D, Perani D and Abutalebi J (2024) Neurocognitive mechanisms of emotional interference in native and foreign languages: evidence from proficient bilinguals. *Front. Behav. Neurosci.* 18:1392005. doi: 10.3389/fnbeh.2024.1392005
- **Buğa, D.** (2018). Central Language Hypothesis. In D. Buğa, & M. Coşgun Ögeyik (Eds.), *Psycholinguistics and Cognition in Language Processing* (pp. 1-18). Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-4009-0.ch001
- **Buğa, D.**, & Coşgun Ögeyik, M. (2018). *Psycholinguistics and Cognition in Language Processing* (pp.1-350). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-4009-0
- **Buğa, D.** (2016). Chapter 4: Central Language Hypothesis in Decision-Making Process. In Christiansen B., Lechman E., Editors, *The Handbook of Neuroeconomics and Decision-Making Process* (pp. 66 – 84) USA: IGI Global. DOI: 10.4018/978-1-4666-9989-2.ch004

OTHER SCIENTIFIC EXPERIENCES

Applied Psycholinguistics and Multilingual Cognition in Human Creativity, IGI Global

Hershey, PA
2019

Editorial Board Member

<https://www.igi-global.com/book/applied-psycholinguistics-multilingual-cognition-human/201929>

Psycholinguistics and Cognition in Language Processing, IGI Global

Hershey, PA
2018

Editor in Chief

<https://www.igi-global.com/book/psycholinguistics-cognition-language-processing/18356>

PRESENTATIONS

Poster Presentation,

Cambridge, MA
2021

Trends in Psychology Summit, Harvard University

Duygu Buğa

Investigating Emotionality of Languages in Italian - English Bilinguals: an fMRI study with the emotional Stroop task.

HONOURS & AWARDS

Vice-Chancellor's Research Scholarship (VCRS)

Ulster University

Belfast, UK

2024-2028

UniTrento Scholarship,

University of Trento

Full Scholarship for Master's Degree in Cognitive Science

Trento, IT

2019-2021

CERTIFICATES

Certificate of Attendance,

Ulster University

SPSS: An Introduction

*Dec 2024***Certificate of Attendance,**

University of East Anglia (UEA)

Writing & Structuring an Effective Thesis

*Oct 2024***Certificate of Attendance,**

Ulster University

Ethics and Research Governance: An Introduction

*Oct 2024***Certificate of Attendance,**

Ulster University

Introduction to Teaching and Learning in Higher Education (PGTA)

*Oct 2024***Certificate of Attendance,**

Ulster University

Academic Writing for International PhD Researchers - The Architecture of the Thesis

*Oct 2024***Certificate of Achievement,**

Istanbul University

Teaching Turkish as a Foreign Language

*March 2022***Course Certificate,**

Johns Hopkins University

Principles of fMRI1

<https://www.coursera.org/account/accomplishments/verify/SGUTXU7T32FP>*July 2021***Course Certificate,**

Johns Hopkins University

Fundamental Neuroscience for Neuroimaging

<https://coursera.org/share/c1a34cb0ebb455e7ce4353c0a8e5b05e>*April 2021***Certificate of Accomplishment,***July 2020*

Wellesley College

Italian Language and Culture: Intermediate

<https://courses.edx.org/certificates/46cd4b80f76d438d82a1dc97781ecc8d>

Statement of Accomplishment,

April 2016

University of Houston

The Bilingual Brain

Accomplishment with distinction

<https://www.coursera.org/api/legacyCertificates.v1/spark/statementOfAccomplishment/976698~10783240/pdf>

NETWORKS AND MEMBERSHIPS

FEMALE BRAINS,

October 2021 - Present

Founder & Admin

I am the founder of the Female Brains platform. It is an online platform created to be a society with the aim of encouraging and supporting women, who are interested in mind and brain sciences, by providing networking opportunities in the field of science.

<https://twitter.com/FemaleBrainsS> <https://www.instagram.com/femalebrainss/>

CogIST,

May 2023 - April 2025

CogIST Board Admin

<https://twitter.com/CogistBoard>

WOMEN IN COGNITIVE SCIENCE (WICS),

2017 - Present

Member

LANGUAGE SKILLS

- Turkish: Native
- English: Proficient
- Italian: Intermediate
- Japanese: Beginner
- Spanish: Elementary
- Irish: Beginner

DIGITAL SKILLS

Software & Productivity Tools: MS Office (Word, Excel, PowerPoint)

Research: fMRI, EEG/ERP, ELAN, PsychoPy, Lab.js, JsPsych, PRAAT, [WebGazer.js](#),

Research Methods: Experimental Design, Cognitive Task Analysis, Behavioral Data Analysis

Programming Languages: Python (Intermediate), R (Intermediate), HTML(Intermediate), JavaScript(Basic), Matlab (Basic)

Data Science & Statistical Analysis: NLP (NLTK), Statistical Modelling, Regression Analysis, A/B Testing

Data Analysis Tools: RStudio, SPSS, Python (Pandas, NumPy)

Cloud & Tools: Jupyter Notebook, Git/GitHub

SCIENTIFIC INTERESTS

- Language Processing, Cognitive Neuroscience, Bilingualism, Multilingualism, Neuro/Psycho-linguistics, Experimental Linguistics

ADDITIONAL SKILLS AND INTERESTS

- Playing violin, Story writing, Mandala drawing, Yoga, Dog parenting
- Philosophy, Literature, Coffee, Scents and Fragrances, Travelling

References available upon request.