Irene Winther

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EDUCATION

University of Edinburgh

Ph.D. in Natural Language Processing — September 2019 –
- Advisors: Martin Pickering and Yevgen Matusevych

M.Sc. Psychology of Language, *Distinction* — 2016 –2017
- Advisor: Martin Pickering
- Thesis: "The Effect of Semantic Constraint on Lexical Access in Bilingual Word Recognition"

School of Oriental and African Studies, University of London

Erasmus+ Exchange Programme, *GPA: 76/100* — 2015 –2016

Norwegian University of Science and Technology

B.A. in Foreign Languages with specialization in English, *GPA: 4/5* — 2013 –2016

PUBLICATIONS

Winther, I. E., Matusevych, Y., & Pickering, M. J. (2023). Can learning explain cognate effects in bilingual comprehension and production? In M. Santesteban, J. A. Duñabeitia, & C. Baus (Eds.), *Bilingualism through the Prism of Psycholinguistics: In honour of Albert Costa* (pp. 104–129). John Benjamins Publishing Company.

Frank, S., Hinaut, X., Kaan, E., Khoe, Y. H., Chen, L., Winther, I. E., & Matusevych, Y. (2022). Bilingual sentence processing: When models meet experiments. *Proceedings of the 44th Annual Conference of the Cognitive Science Society.*

Winther, I. E., Matusevych, Y., & Pickering, M. J. (2021). Cumulative frequency can explain cognate facilitation in language models. In T. Fitch, C. Lamm, H. Leder, & K. Teßmar-Raible (Eds.), *Proceedings of the 43rd Annual Conference of the Cognitive Science Society* (pp. 2513–2519). Cognitive Science Society. [Paper] [Poster].

TEACHING

- **Marker, Demonstrator** at the University of Edinburgh — 2021/22
  Data Analysis for Psychology in R1 (PSYL08013)

- **Marker** at the University of Edinburgh — Autumn 2021
  Univariate Statistics and Methodology using R (PSYL11053)

PLACEMENTS

Scottish Graduate School of Social Science — Aug – Dec 2022
Saltire Emerging Researcher Programme Targeted Placement — Ghent University, Belgium

 – Psycholinguistics for polyglots: Language cognition in speakers of multiple languages

Presentations

Cognate processing and the role of learning
Poster, International Symposium on Bilingualism (ISB14)
29 June 2023
Sydney, Australia

Cognate processing and the role of learning
Poster, CDT Conference
14 June 2023
Sheffield, UK

Is cognate processing affected by the language of instruction?
Talk, Hartsuiker lab, Ghent University
12 December 2022
Ghent, Belgium

Computational Modelling in Psycholinguistics
Workshop, 1ˢᵗ Language and Interaction Network (LINk2022)
23 October 2022
Edinburgh, UK

Word frequency effects in bilingual language models
Poster, 1ˢᵗ Language and Interaction Network, (LINk2022)
22 October 2022
Edinburgh, UK

Word frequency effects in bilingual language models
Talk, Symposium on Bilingual Sentence Processing: when Models Meet Experiments, CogSci2022
30 July 2022
Toronto, Canada

Cumulative frequency can explain cognate facilitation in language models
Talk, Language and Cognition Research Group, Cardiff University
5 April 2022
Cardiff, UK (online due to covid-19)

Cumulative frequency can explain cognate facilitation in language models
Poster, CogSci2021
29 July 2021
Vienna, Austria (online due to covid-19)

Cognate facilitation in computational language models
Talk, Psycholinguistics Coffee, University of Edinburgh
28 April 2021
Edinburgh, UK (online due to covid-19)

Volunteering

- Organiser/moderator of Psycholinguistics Coffee   2020 –2021

  Organised talks for the talk/meeting series of the Language, Cognition, and Communication research group at the School of Philosophy, Psychology and Language Science, University of Edinburgh.

- Organiser of CDT-NLP Reading Group   2019 –2021

  Organised a reading group for members of the Centre for Doctoral Training in Natural Language Processing at the School of Informatics, University of Edinburgh.

Further Training

Open Science and Git
Workshop on version control in GitHub
October 2022
University of Edinburgh

PPLS Open Research Pre-registration Workshop
Workshop on pre-registration and open research practices
October 2022
University of Edinburgh

Sixth Summer School on Statistical Methods for Linguistics and Psychology
Foundational methods in frequentist statistics
September 2022
University of Potsdam

PPLS Inclusive Teaching Training Workshop
Equality, diversity and inclusion workshop
January 2022
University of Edinburgh

Online Experiments with jsPsych
Online course on jsPsych
August 2021
University of Edinburgh

Tex2016: Trieste Encounters on Cognitive Science
Summer school/symposium
July 2016
SISSA

Languages

Norwegian fluent

Finnish fluent

English fluent

Swedish excellent

German intermediate

Italian beginner

Persian beginner

Skills

Programming R, Python

Tools/Techs LaTeX, Git, jsPsych, Unix

Web HTML/CSS