

Boyin Feng E-mail: boyin.feng.21@ucl.ac.uk | website: www.boyinfeng.com

EDUCATION

University College London | **MSc Social Cognition (with *Distinction*)** **2021-2022**

- Dissertation: “Placing Face in Intergroup Context: A Cross-cultural Study on Emotion Recognition” (Supervisors: Drs Christina Carlisi and Oliver Robinson)

Beijing Foreign Studies University | **LL.M. International Politics** **2020-2023.12**

- Dissertation: “Interaction Between Political Ideology and Emotion Recognition among the British Public” (Supervisor: Dr Xiao Kang) | Avg. Grade: 91.4/100 (top 5%)

Beijing Foreign Studies University | **B.A. French & B.A. International Relations** **2016-2020**

- Thesis: “Existential Malaise of French Middle Class in the Yellow Vest Movement: Collective Individualism” | Avg. Grade: 92.5/100 (top 5%) • *Outstanding Graduate* (Highest Honor)

Université de Montréal | One-year undergraduate exchange **2018-2019**

- Major: Politics, Psychology (minor); Average grade: A+

RESEARCH INTERESTS

Affective Science; Social / Political psychology; Cultural psychology; Psycholinguistics

Subfields: Intergroup relations; Polarization; Social identity; Echo chamber; Implicit bias; Prejudice; Intersectionality; Structural injustice; Psychological mechanisms in decision- and policy-making

MANUSCRIPTS

Feng, B., Sheehan, R., Bao, J., Robinson, O. J., Zang, Y., & Carlisi, C. O. (2023). Standard cognitive and mental health measures may not generalise across cultures. Under review. *PsyArXiv* [Preprint] <https://doi.org/10.31234/osf.io/d8bcj>.

Feng, B., Robinson, O. J., Kang, X., Carlisi, C. O. (in prep). Liberal Vision: Political Left Demonstrates Superior Facial Emotion Recognition. Abstract submitted to SAS 2024.

Liu, J., **Feng, B.**, Xu, Z., Mao, J., Zhang, X., & Fan, L. (in prep). Affective norms for Arabic, English, French and German words based on L2 learners.

PRESENTATIONS

Feng, B. “Interaction between political ideology and emotion recognition among the British public”, 16th Academic Community on Political Science and International Relations Annual Conference, Beijing, China, July 3rd, 2023

Carlisi, C. O. (presenter), **Feng, B.**, Sheehan, R., Robinson, O. J. “Mechanisms of Social Cognition: Insights from Neuroimaging, Computational Approaches and Psychopathology”, Winter Conference of Brain Research, Snowbird, US, Jan 21st, 2023

RESEARCH EXPERIENCE

Neuroscience & Mental Health Group (PI: Dr Oliver Robinson)

2022-2023

University College London, research assistant and dissertation project

- Carried out quantitative research on cross-cultural emotion recognition of 400+ subjects
- Selected and photoshopped facial stimuli from international databases (permission granted)
- Programmed and executed experiments on *Gorilla*, including randomizers and manipulations
- Translated project (4 behavioural tasks, 9 surveys) into Chinese; Organized info sessions
- Recruited participants via *Prolific*; Data cleaning, analysis and visualisation in RStudio

Designing & Analysing fMRI (PI: Dr Joseph Devlin)

2022

University College London, course project

- Performed lexical decision task on affective word processing implemented in MATLAB at Birkbeck-UCL Centre for Neuroimaging
- Analysed behavioural data using R and fMRI data using SPM12

Language, Cognition & Education Lab (PI: Dr Lin Fan)

2021-present

Beijing Foreign Studies University, research assistant then fellow

- Directed French affective corpus building: Collected via *PCIBex* and analysed 70+ Chinese students' scoring of familiarity, valence, arousal, typicality, abstractness for 864 words
- Taught statistical analyses and R coding for lab members
- Administered EEG experiments of oddball tasks to investigate how grammar affects non-linguistic perception (57 subjects; under PhD candidate Yuyan Xue from Uni of Cambridge)

Anti-fan polarisation on Weibo (Lecturer: Dr Xiaoman Dong)

2021

Beijing Foreign Studies University, course project

- Crawled 2000+ posts of an anti-fan group on Chinese social media *Weibo* using GooSeeker
- Self-learned and performed text sentiment analysis on post content

WORK EXPERIENCE

Shenzhen Policy Office, research intern

2021.01-06

- Compiled summarizing reports on institutions and social media trends to inform leadership

Embassy of Switzerland in China (Beijing), part-time guide / translator

2019.09-2020.03

China Development Research Foundation, research intern

2019.06-10

- Invited and assisted 30+ renowned guest scholars for the China Development Forum 2019
- Led a 5-person debugging group to pre-test online registration platform for CDF and proposed revisions ranging from system input/output convenience to interface design

SpeechOcean Company, French corpus-building assistant

2019.06-07

- Transcribed and proofread over 3000 linguistic data for speech recognition programs
- Provided quality reports about data collection and record accuracy of AI Algorithm

GRANTS AND SCHOLARSHIPS

Grant for Overseas Study from China Scholarship Council, £41100

2021-2022

BFSU First-class Scholarship for postgraduates, ¥12000/yr

2020-2022

Grant for Overseas Study from China Scholarship Council, C\$12000

2018-2019

BFSU First-class Scholarship for undergraduates, ¥3000/yr

2017-2019

Grant for National Undergraduate Program of Innovation and Entrepreneurship, ¥10000

2018

UNIVERSITY AND COMMUNITY ENGAGEMENT

Neuromatch Academy, volunteer	2021
Reading Program with pupils in Guizhou Province, China, volunteer teacher	2021
Jixiang Animal Yard, animal welfare volunteer	2018
Sports Department at Faculty of the French & Francophone Studies, minister	2017-2018
Dept of Life Services of BFSU, co-chair (fund-raising and finance)	2017-2018
Debate team of the French Department, team leader	2016-2017

OTHER TRAINING

Neuromatch Academy (Computational Neuroscience), online 2022.07-08

- Intensive course in machine learning, dynamic system, stochastic processes and causality
- Collaboratively evaluated the image reconstruction accuracy of two neural decoding models

United Nations Institute for Training and Research (UNITAR) 2020.09-12

International Development Program, weekly webinars

Salesian Pontifical University, Rome, Italy 2018.06-08

Intensive Latin language and cultural communications program for 2 months

TECHNICAL SKILLS

R, R Studio (ggplot2, tidyverse, etc.), Adobe Photoshop, Gorilla, Prolific, Qualtrics [proficient]
fMRI (SPM12), Web scraper, text analysis (GooSeeker), SPSS, EEG [intermediate]
HTML, LDR topic modelling, Tobii eye-tracking, Stata, MATLAB [basic]

LANGUAGES AND QUALIFICATIONS

Mandarin (native); English (fluent, GRE 167V+168Q; IELTS 8; TEM-8 *Excellency*); French (fluent, C2, TFS-8 *Excellency*); Latin (proficient in reading and translating); Ancient Greek (basic)

- Certificate and Qualification
 - French: Diplôme Approfondi de Langue Française (DALF) C2
 - Translation: Level-II Accredited Translator for Chinese-English/English-Chinese
 - Piano (amateur): CCOM Music Proficiency - Grade 10/10

REFERENCES

Oliver Robinson, Ph.D.
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Joseph Devlin, Ph.D.
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