

**Boyin Feng** E-mail: [boyin.feng.21@ucl.ac.uk](mailto:boyin.feng.21@ucl.ac.uk) | website: [www.boyinfeng.com](http://www.boyinfeng.com)

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## **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 3%)

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 3%) • *Outstanding Graduate* (Highest Honor)

Université de Montréal | Fully-funded undergraduate exchange **2018-2019**

- Major: Politics, Psychology (minor) | Avg. Grade: A

## **RESEARCH INTERESTS**

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

Subfields: Intergroup relations; Empathy; Polarization; Social identity; Echo chamber; Implicit bias; Prejudice; Intersectionality; 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”, 16<sup>th</sup> Academic Community on Political Science and International Relations Annual Conference, Beijing, China, July 3<sup>rd</sup>, 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 21<sup>st</sup>, 2023

## **RESEARCH EXPERIENCE**

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

**2022.01-present**

*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; Delivered info sessions
- Recruited participants via *Prolific*; Data cleaning, analysis and visualisation in RStudio

### **Designing & Analysing fMRI (PI: Dr Joseph Devlin)**

2022.01-04

*University College London, research student*

- 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)**

2021.06-present

*Beijing Foreign Studies University, research assistant*

- 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 a PhD student from UCambridge)

### **Anti-fan polarization on Weibo (Lecturer: Dr Xiaoman Dong)**

2021.09-12

*Beijing Foreign Studies University, research student*

- Crawled independently 2000+ posts of anti-fan group on 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 3000+ French 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

<b>Neuromatch Academy (Computational Neuroscience), online</b>	<b>2022.07-08</b>
<ul style="list-style-type: none"> <li>• Intensive course in machine learning, dynamic system, stochastic processes and causality</li> <li>• Collaboratively evaluated the image reconstruction accuracy of two neural decoding models</li> </ul>	
<b>United Nations Institute for Training and Research (UNITAR)</b>	<b>2020.09-12</b>
International Development Program, weekly webinars	
<b>Salesian Pontifical University, Rome, Italy</b>	<b>2018.06-08</b>
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, R), SPSS, EEG [intermediate]  
 HTML, Tobii eye-tracking, Stata, MATLAB [basic]

## LANGUAGES AND QUALIFICATIONS

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

- Other Certificate and Qualification
  - Translation: Level-II Accredited Translator for Chinese-English/English-Chinese
  - Piano (amateur): CCOM Music Proficiency - Grade 10/10

## REFERENCES

Oliver Robinson, Ph.D.  
 Professor of Neuroscience and Mental Health  
 UCL Institute of Cognitive Neuroscience  
 Email: o.robinson@ucl.ac.uk  
 Tel: +44 20 7679 1138

Joseph Devlin, Ph.D.  
 Professor of Cognitive Neuroscience  
 UCL Div Psychology & Language Sciences  
 Email: joe.devlin@ucl.ac.uk  
 Tel: +44 20 7679 5414