

Dawei Bai

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EDUCATION

M.Sc., Cognitive Science (“Cogmaster”), joint program between École Normale Supérieure/École des Hautes Etudes en Sciences Sociales/Paris Descartes University. Paris, France.	2017 – 2019
M.A. (1st year), Linguistics , specialization in Fundamental and Corpus Linguistics, University of Lille. Lille, France.	2016 – 2017
B.S., Psychology , University of Lille. Lille, France.	2016 – 2017
B.S., Psychology , University of Poitiers (transferred to University of Lille). Poitiers, France.	2014 – 2016
B.A., French Literature , specialization in Literature and Contemporary Cultures, University of Poitiers. Poitiers, France.	2013 – 2016
Engineering study , University of Technology of Compiègne. Compiègne, France.	02/2012 – 07/2013

RESEARCH EXPERIENCE

Internship, “Core knowledge in language acquisition and language evolution” under the supervision of Dr. Brent Strickland and Dr. Cathal O’Madagain. Institut Jean Nicod and Ecole Normale Supérieure, Paris, France.	02/2019 – 06/2019
<ul style="list-style-type: none">• Full-time internship• Compare the two experimental paradigms investigating core knowledge: concept learnability and language evolution• Internet-based behavioral experiment with Chinese and American participants	
Presentation (in French), “Social interactions in individualists and collectivists” (“« Finalement je viens pas, j’ai la flemme » : interactions sociales chez les individualistes vs. collectivistes”).	10/04/2018
<ul style="list-style-type: none">• 80-minute presentation organized by a cognitive science association, Cognivence. With audience mostly composed of master’s and PhD students in cognitive science• Differences in social interactions and visual perception between individualists and collectivists• Based on independent bibliographical research (about 25 scientific papers)• Available at www.youtube.com/watch?v=wiBHVUbvJ5E	
Internship, “The storm intentionally broke the window: subjecthood trumps animacy in intentionality bias”, under the supervision of Dr. Brent Strickland and Dr. Cathal	02/2018 – 09/2018

O'Madagain. Institut Jean Nicod and Ecole Normale Supérieure, Paris, France.

- Part-time (4 months) then full-time (3 months)
- Subjecthood biases people's judgement of intentionality: people consider inanimate things in the grammatical subject position as acting intentionally
- Internet-based experiment, available at 85.90.245.160/si/ntp1.html

Internship, "Semantic processing of literal, metaphorical and idiomatic particle uses in phrasal verbs" under the supervision of Dr. Brent Strickland. Institut Jean Nicod and Ecole Normale Supérieure, Paris, France. 10/2017 – 01/2018

- Part-time internship (1 day per week)
- Continuation of the master's thesis, see below

Master's thesis, "Semantic processing of literal, metaphorical and idiomatic particle uses in phrasal verbs" under the supervision of Dr. Bert Cappelle. University of Lille. Lille, France. 2016 – 2017

- Spatial representation of the particle "up" in English
- Original project and experimental design
- Internet-based experiment available at testable.org/t/932411cce

RESEARCH INTERESTS

- Core knowledge in infants and adults
- Folkscience, cognitive biases
- Spatial and temporal representations
- Linguistic, cognitive and cultural universals and diversity. Interactions between language, cognition and culture

SKILLS

Languages:

English: TOEFL 104/120 (11/02/2018; reading 29, listening 24, speaking 24, writing 27)

French: fully fluent, living in France since Jan. 2012

Mandarin: mother tongue

Computer software skills:

- Coding:
 - Python: build behavioral experiment, analyze data and simulate neuron activity
 - Javascript and HTML: can build online experiment
- Internet-based experiment platforms: Qualtrics and Testable