

# 包寒吴霜

## Dr. BAO Han-Wu-Shuang (Bruce)

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Curriculum Vitae Update: Mar 2023

### Employment

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**2022~2024**     **Postdoc Research Associate in Social Psychology**  
Manchester China Institute, **The University of Manchester**     Manchester, UK  
(Supervisor: Prof. Peter Gries)  
英国曼彻斯特大学 · 曼彻斯特中国研究院 (博士后研究员)

### Education

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**2017~2022**     **Ph.D. in Personality and Social Psychology**  
Institute of Psychology, **Chinese Academy of Sciences**     Beijing, China  
(Supervisor: Prof. Huajian Cai)  
中国科学院 · 心理研究所 (理学博士)

**2013~2017**     **B.Sc. in Psychology**  
Faculty of Psychology, **Beijing Normal University**     Beijing, China  
北京师范大学 · 心理学部 (理学学士)

### Research Interests

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#### Computational Intelligent Social Psychology

- Social Cognition and Cultural Psychology
- Natural Language Analysis of Psychology
- Contextualized Language Models in Psychology

### Publications

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\* Corresponding author     # Shared first authorship     <Purple> Representatives

#### Published in International Journals:

- Bao, H.-W.-S.**, Cai, H.\*, & Huang, Z. (2022). Discerning cultural shifts in China? Commentary on Hamamura et al. (2021). *American Psychologist*, 77(6), 786–788. (Q1, IF = 16.358)
- Bao, H.-W.-S.**, Cai, H.\*, Jing, Y., & Wang, J. (2021). Novel evidence for the increasing prevalence of unique names in China: A reply to Ogiwara. *Frontiers in Psychology*, 12, 731244. (Q1, IF = 4.232)
- Shi, Y., Luo, Y. L. L.\*, Yang, Z., Liu, Y., & **Bao, H.** (2018). Do narcissists enjoy visiting social networking sites? It depends on how adaptive they are. *Frontiers in Psychology*, 9, 1739. (Q1, IF = 4.232)

### Published in Chinese Journals:

- Bao, H.-W.-S., Wang, Z.-X., Cheng, X., Su, Z., Yang, Y., Zhang, G.-Y., Wang, B., & Cai, H.\* (2023).** Using word embeddings to investigate human psychology: Methods and applications. *Advances in Psychological Science*, 31(6), 887–904. (CSSCI / CSCD)  
[包寒吴霜, 王梓西, 程曦, 苏展, 杨盈, 张光耀, 王博, 蔡华俭\*. (2023). 基于词嵌入技术的心理学研究: 方法及应用. *心理科学进展*, 31(6), 887–904.]
- Zhang, M.-Y., Yang, Y., **Bao, H.-W.-S., & Cai, H.\* (2023).** The positive ideal affect of Chinese people: Trends over the past decades. *Acta Psychologica Sinica*, in press. (CSSCI / CSCD)  
[张明杨, 杨盈, 包寒吴霜, 蔡华俭\*. (2023). 中国人的积极理想情绪: 近几十年来的变迁. *心理学报*, 印刷中.]
- Cai, H.\*, Zhang, M.-Y., **Bao, H.-W.-S., Zhu, H.-J., Yang, Z.-Y., Cheng, X., Huang, Z.-H., & Wang, Z.-X. (2023).** Examining societal change from the perspective of psychology: Research design and analytic techniques. *Advances in Psychological Science*, 31(2), 159–172. (CSSCI / CSCD)  
[蔡华俭\*, 张明杨, 包寒吴霜, 朱慧珺, 杨紫嫣, 程曦, 黄梓航, 王梓西. (2023). 心理学视野下的社会变迁研究: 研究设计与分析方法. *心理科学进展*, 31(2), 159–172.]
- Bao, H.-W.-S., & Cai, H.\* (2021).** Psychological and behavioral effects of personal names in real world: Evidence and theories. *Advances in Psychological Science*, 29(6), 1067–1085. (CSSCI / CSCD)  
[包寒吴霜, 蔡华俭\*. (2021). 姓名对个体心理与行为的实际影响: 证据和理论. *心理科学进展*, 29(6), 1067–1085. (中国人民大学复印报刊资料《心理学》2021年第10期全文转载)]
- Bao, H.-W.-S., & Cai, H.\* (2021).** Improve the reliability of psychological research on names. *Chinese Social Sciences Today*, 2118, 5.  
[包寒吴霜, 蔡华俭\*. (2021). 提高姓名心理学研究的可靠程度. *中国社会科学报*, 2118, 5.]
- Yang, Y., Zhu, H.-J., Zhou, W., Zhang, M.-Y., Xie, Y.-P., **Bao, H.-W.-S., Su, Z., Wang, X.-O., Jing, Y.-M., Yang, Z.-Y., & Cai, H.\* (2020).** The behavioral immune system: A multi-level reconsideration. *Advances in Psychological Science*, 28(11), 1865–1879. (CSSCI / CSCD)  
[杨盈, 朱慧珺, 周婉, 张明杨, 谢怡萍, 包寒吴霜, 苏展, 王潇欧, 敬一鸣, 杨紫嫣, 蔡华俭\*. (2020). 行为免疫系统理论及其研究: 新视野下的再考察. *心理科学进展*, 28(11), 1865–1879.]
- Bao, H.-W.-S., Cai, H., & Luo, Y.\* (2019).** Identity motives: Concept, measurement, and psychological effects. *Journal of Psychological Science*, 42(4), 971–977. (CSSCI / CSCD)  
[包寒吴霜, 蔡华俭, 罗宇\*. (2019). 身份认同动机: 概念、测量与心理效应. *心理科学*, 42(4), 971–977.]
- Bao, H.-W.-S., Wu, S.-T.\*, Zheng, H., Lu, H.-R., Zheng, W., Dai, W., Lu, S., & Zhu, T.-S.\* (2018).** Polluted self: A big-data analysis based on daily-level air pollution and individualism-collectivism on social media. *Community Psychology Research*, 6(2), 71–85.  
[包寒吴霜, 吴胜涛\*, 郑昊, 陆海蓉, 郑伟, 戴炜, 陆梭, 朱廷劭\*. (2018). 雾霾下的自我: 空气污染与个体主义-集体主义的大数据分析. *社区心理学研究*, 6(2), 71–85.]
- Bao, H.-W.-S., Chen, J.-L., Lin, J.-L., & Liu, L.\* (2016).** Effects of name and gender on interpersonal attraction: Gender role evaluation as a mediator. *Chinese Journal of Clinical Psychology*, 24(4), 596–600. (CSSCI / CSCD)  
[包寒吴霜, 陈俊霖, 林俊利, 刘力\*. (2016). 名字与性别的人际吸引机制: 性别角色评价的中介作用. *中国临床心理学杂志*, 24(4), 596–600.]

## **Conference Presentations:**

**Bao, H.-W.-S., & Cai, H.\*** (2020, December). *Chinese names are becoming more unique over time: New evidence and mechanisms*. Paper presented at the 2020 Annual Conference of the Social Psychology Branch of Chinese Psychological Society, Haikou, Hainan, China.

[包寒吴霜, 蔡华俭\*. (2020). 中国人名字独特性的上升: 新证据和机制. 中国心理学会社会心理学分会 2020 年学术年会, 海南海口.]

**Bao, H.-W.-S., Cai, H., & Luo, Y. L. L.\*** (2019, October). *Name-job uniqueness fit: Name uniqueness predicts job choice and is associated with career success*. Paper presented at the 22nd National Academic Congress of Psychology, Hangzhou, Zhejiang, China.

[包寒吴霜, 蔡华俭, 罗宇\*. (2019). 人如其名, 名职匹配? 名字独特性预测职业选择与职业成就. 第二十二届全国心理学学术会议, 浙江杭州.]

**Bao, H.-W.-S., Cai, H., & Luo, Y. L. L.\*** (2018, October). *Name uniqueness predicts job choice: Evidence from big data and experiments*. Paper presented at the 2018 Annual Conference of the Social Psychology Branch of Chinese Psychological Society, Qufu, Shandong, China.

[包寒吴霜, 蔡华俭, 罗宇\*. (2018). 名字独特性预测职业选择: 来自大数据和实验的证据. 中国心理学会社会心理学分会 2018 年学术年会, 山东曲阜.]

## **Academic Services**

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### **Journal Reviewer (Articles Reviewed):**

International Journals:

- *Nature Human Behaviour* (1)
- *Frontiers in Psychology* (1)
- *Frontiers in Education* (1)
- *PeerJ Computer Science* (1)
- *Acta Psychologica* (1)
- *F1000Research* (2)

Chinese Journals:

- 心理学报 *Acta Psychologica Sinica* (11)
- 心理科学进展 *Advances in Psychological Science* (3)
- 心理学通讯 *Psychological Communications* (4)

## **Methodological Knowledge**

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Multiple Regression Analysis

Mediation/Moderation Analysis

Meta-Analysis and Meta-Regression

Structural Equation Modeling (SEM)

Multilevel Analysis (aka. Hierarchical Linear Modeling, HLM; Linear Mixed Modeling, LMM)

Multivariate Time Series Analysis (e.g., Granger Causality Test; Vector Autoregression, VAR)

Econometrics (e.g., Instrumental Variable Regression, IVR; Panel Data Modeling)

Machine Learning (e.g., Random Forest Algorithm)

Big Data Collection, Management, and Processing

## Software & Programming Expertise

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<b>R</b>	Proficient	Data analysis and visualization using R. R packages developed independently: <ul style="list-style-type: none"><li>• <b>bruceR</b> (v0.8.10): Broadly Useful Convenient and Efficient R Functions <a href="https://CRAN.R-project.org/package=bruceR">https://CRAN.R-project.org/package=bruceR</a> (Downloads: 30,000+)</li><li>• <b>PsychWordVec</b> (v0.3.2): Word Embedding Research Framework for Psychological Science <a href="https://CRAN.R-project.org/package=PsychWordVec">https://CRAN.R-project.org/package=PsychWordVec</a></li><li>• <b>ChineseNames</b> (v1.1.1): Chinese Name Database 1930-2008 <a href="https://CRAN.R-project.org/package=ChineseNames">https://CRAN.R-project.org/package=ChineseNames</a></li><li>• <b>drawMap</b> (v0.3.5): Easily Draw China Maps <a href="https://github.com/psychbruce/drawMap">https://github.com/psychbruce/drawMap</a></li></ul>
<b>Python</b>	Proficient	Web crawling, big data collection and processing. <ul style="list-style-type: none"><li>• Have crawled 20+ websites for data collection in research.</li></ul>
<b>SPSS</b>	Proficient	Basic and advanced data analyses.
<b>Mplus</b>	Familiar	Structural equation modeling.
<b>JavaScript</b>	Familiar	Using the “jsPsych” toolbox to develop online experiments and surveys.
<b>MATLAB</b>	Familiar	Using the “PsychToolBox” to develop psychological experiments.
<b>Excel</b>	Proficient	Microsoft Office Specialist (MOS) Certification: Expert-Level
<b>Word</b>	Proficient	Microsoft Office Specialist (MOS) Certification: Expert-Level
<b>PowerPoint</b>	Proficient	Microsoft Office Specialist (MOS) Certification: Specialist-Level

## Workshops & Invited Talks

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<b>2022-06</b>	<b>bruceR in the Workflow of Data Analysis</b> <ul style="list-style-type: none"><li>• Nanjing Normal University (invited by Prof. Chuan-Peng Hu)</li></ul>
<b>2022-03</b>	<b>Embedded in Word Embedding: Methodological Revolution in the Era of AI</b> <ul style="list-style-type: none"><li>• Institute of Psychology, CAS</li></ul>
<b>2021-12</b>	<b>R in Data Science</b> <ul style="list-style-type: none"><li>• Beijing Normal University (invited by Prof. Zijun Cai)</li></ul>
<b>2021-11</b>	<b>R Programming and the bruceR Package</b> <ul style="list-style-type: none"><li>• Peking University (invited by Prof. Guiquan Li)</li></ul>
<b>2021-09</b>	<b>How to Learn R Programming?</b> <ul style="list-style-type: none"><li>• Holland Psychometrics Association (online)</li></ul>
<b>2021-06</b>	<b>How to “Uninstall” SPSS? Tips on Learning R Programming</b> <ul style="list-style-type: none"><li>• Nanjing Normal University (invited by Prof. Chuan-Peng Hu)</li></ul>
<b>2019-11</b>	<b>Multilevel Modeling: Methods, Key Issues, and Applications (2-Days Workshop)</b> <ul style="list-style-type: none"><li>• Institute of Psychology, CAS (invited by Prof. Xingshan Li)</li></ul>
<b>2019-10</b>	<b>Multilevel Modeling: Methods, Key Issues, and R Programming</b> <ul style="list-style-type: none"><li>• The 22nd National Academic Congress of Psychology, Hangzhou, Zhejiang, China</li></ul>

## Teaching Experiences

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<b>2021-Fall</b>	<b>Self &amp; Identity (Graduate Level)</b>
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- *Instructor* (Professor: Huajian Cai)
- 2020-Summer R Programming (Beginner and Advanced Levels)**
- *Instructor* (for members of Prof. Huajian Cai's lab)
- 2018-Spring Cultural & Cross-Cultural Psychology (Graduate Level)**
- *Teaching Assistant* (Professors: Huajian Cai & Yiming Jing)
- 2017-Fall Implicit Social Cognition (Graduate Level)**
- *Teaching Assistant* (Professors: Huajian Cai, Xiaoqing Hu, & Yang Ye)
- 2017-Spring Self & Identity (Graduate Level)**
- *Teaching Assistant* (Professor: Huajian Cai)

## Personal Hobbies

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Billiards/Snooker | Wing-Chun | Nunchakus | Mixed Martial Arts | Tae-Kwon-Do | Skiing | Magic

## Hometowns

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“来自浙江的江苏山东后裔河南人”

Born in *Xinxiang*, Henan Province (1995~2001)

Grew up in *Ningbo*, Zhejiang Province (2001~2013)