

Hai Min Dai, PhD

Assistant Professor

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Personal Summary

Dr Hai Min DAI is Assistant Professor in Education at Shanghai Jiao Tong University. Her research interests include educational technology, psychometrics, and cross-cultural communication. As the lead author, Dr DAI has published articles in prestigious journals, including *Computers & Education* (ranked in the top 1 in Education), *Computers in Human Behavior* (ranked in the top 3% in Psychology, Experimental), *Interactive Learning Environments*, *Journal of Computer Assisted Learning*, and *Higher Education*. Her research has been cited 309 times in the past three years. According to ResearchGate, her research interest score ranks higher than 96% of researchers who first published in 2019. Dr DAI has also been PI or CI for nine research projects funded by institutions, companies, and governments in the UK, Australia, mainland China, and Macao SAR. In addition, she is currently the associate editor for the *Journal of University Teaching and Learning Practice* (Q2).

Her achievements have been recognised by Murdoch University (Australia). She received the “Best Publication Award for HDR Students 2020” and the “2021 Vice Chancellor’s Excellence in Research — Best Research Output Award” from Murdoch University. In October 2021, she was honoured with the “Excellent Chinese Overseas Students” prize by the Chinese Ministry of Education.

Research Interests

Educational Technology, Educational Psychology, Gender studies, Cross-cultural communication, Second Language Acquisition

Education

2019 — 2021, PhD in Education, Murdoch University, Australia

Thesis: *Continuous Learning in MOOCs: Insights from Chinese MOOC Learners*

- Principal supervisor: Professor Timothy Teo
- Secondary supervisor: Dr Natasha Anne Rappa
- Thesis quality: **Top 10%**
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2017 — 2019, PhD candidate in Education, University of Macau, China SAR

- **Straight As**
- Fully funded by University of Macau

2012, Certificate of achievement, Intercultural Communication, College of Mount Saint Vincent, United States

- Fully funded by Beijing Normal University Zhuhai

2007 — 2009, M. A. in Foreign Linguistics and Applied Linguistics, Sun Yat-sen University, China

- Fully funded by the Chinese government

2003 — 2007, B. A. in English, Sun Yat-sen University, China

- Above the 90th percentile
- Accelerated entry to the postgraduate program

2004 — 2005, Minor, Public Relationship, Sun Yat-sen University, China

Work Experience

2021.06 — present	Assistant professor	Shanghai Jiao Tong University
2020. 9 — 2020. 11	Project manager	CORE Innovation Hub at Perth WA
2020	Research assistant	Murdoch University WA
2017.8 — 2019.8	Research assistant Teaching assistant	Faculty of Education, University of Macao
2009.9 — 2019.9	Lecturer	International Business Faculty, Beijing Normal University Zhuhai
2008.9 — 2009.5	Instructor	Sun Yat-sen University
2006.10 — 2007.4	Translator	British Council

Awards and Honors

2021 Vice Chancellor's Excellence in Research – Best Research Output Award, Murdoch University

- This award recognises and celebrates **the outstanding contribution of staff and research students** and their commitment to discovering, creating, and pursuing excellence in research, Murdoch University

2021 Best Publication Award, Murdoch University

- This is to award **the highest quality publication** by a higher degree research student in the School of Education

2020 Chinese Government Award for Outstanding Self-financed Students Abroad (USD 6,000), Chinese Ministry of Education

- This award is the **highest governmental award** to Chinese graduate students studying abroad. The award-winning candidates include Chinese students studying abroad in 34 countries (more than half a million annually).

2016 Teaching Excellence, Beijing Normal University Zhuhai

2012 Excellent Student Consultancy Service, Beijing Normal University Zhuhai

2011 Excellent Student Consultancy Service, Beijing Normal University Zhuhai

Research Grants

Co-chair with Prof. Chris Brown at the University of Warwick. (2023 - 2024). Project title: *An investigation of the sustainable use of smart learning technologies in the human-AI hybrid settings*. Funded by SJTU-Warwick Joint Seed Fund. ¥ 50,000 + £3,250.

Co-investigator (2023 - 2025). Project title: *An investigation on the emotional development of college students in online learning from the perspective of positive psychology*. Founded by Chongqing Municipal Education Commission. ¥ 20,000.

Principal investigator (2021 - 2024). Project title: *An investigation of online learning persistence among adolescents*. Founded by Shanghai Jiao Tong University Start-up Fund. ¥ 200,000.

Principal investigator (2020). Project title: *CORE skill data fitness framework model development*. Founded by CORE Innovation Hub. AUD16,000.

Co-investigator (2020 - 2021). Project title: *Effects of social media on social resilience: A case study of the COVID-19 epidemic*. Founder: Macao SAR Government Higher Education Funded by MOP100,500.

Principal investigator (2017- 2019). Project title: *The investigation of Zhuhai tourism image under the new background of HK-Zhuhai-Macao bay area*. Zhuhai city social science project. Founded by Zhuhai City Government. ¥9,000.

Co-investigator (2017- 2019). Project title: *An investigation of a new economic model of Zhuhai City*. Founded by Zhuhai City Government. ¥300,000.

Co-investigator (2015 - 2017). Social identity recognition of foreigners in Zhuhai. Founded by Beijing Normal University (Zhuhai). ¥20,000.

Co-investigator (2013 - 2015). Cross-culture analysis of the effectiveness of online advertising. Founded by Beijing Normal University (Zhuhai). ¥15,000.

Selected Publications

(* corresponding author)

Ju, B., **Dai, H. M.***, Todd, S. (2023). Resilience and (dis)empowerment: Use of social

media among female mainland low-skilled workers in Macao during the COVID-19 Pandemic. *Sage Open*, 13 (1). [SSCI, JCR-Q2; **Impact factor: 2.032**]

Dai, H. M.*, Teo, T., & Rappa, N. A. (2022). The role of gender and employment status in MOOC learning: An exploratory study. *Journal of Computer Assisted Learning*, 38(5), 1360-1370. [SSCI, JCR-Q1; **Impact factor: 3.761; Citation: 3**] <https://doi.org/10.1111/jcal.12681>DAIET AL.11

Ju, B., **Dai, H. M.***, Todd, S. (2022). Struggling in Im/mobility: Lived Experiences of Macao's Mainland Chinese Migrant Laborers via WeChat Moments during Covid-19. *Communication, Culture and Critique*, 15(4), 489-498. [SSCI, JCR-Q2; **Impact factor: 2.052**]

Teo, T. & **Dai, H. M.*** (2022). The role of time in the acceptance of MOOCs among Chinese university students. *Interactive Learning Environments*, 30(4), 651-664. [SSCI, JCR-Q1; **Impact factor: 4.965, Citation: 30**]. <https://doi.org/10.1080/10494820.2019.1674889>

Dai, H. M.*, Ju, B., Teo, T., & Natasha, N. A. (2021). Understanding Chinese female university teachers' intention to pursue a PhD Degree: Some insights from a Chinese University. *Higher Education*, 18, 1347-1366. [SSCI, JCR-Q1, **Impact factor: 3.947, Citation: 13**] <https://doi.org/10.1007/s10734-020-00616-0>

Dai, H. M., Teo, T., Rappa, N. A. & Huang, F. (2020). Explaining Chinese university students' continuance learning intention in the MOOC setting: A modified expectation confirmation model perspective. *Computers & Education*, 150, 103850. [SSCI, JCR-Q1, **Top 1% in Education & Education Research; Impact factor: 11.182, Citation: 170**]. <https://doi.org/10.1016/j.compedu.2020.103850>

Dai, H. M.*, Teo, T. & Rappa, N. A. (2020). Understanding continuance intention among MOOC participants: The role of habit and MOOC performance. *Computers in Human Behavior*, 112, 106455. [SSCI, JCR-Q1, **3rd in Psychology, Experimental; Impact factor: 8.957, Citation: 85**] <https://doi.org/10.1016/j.chb.2020.106455>

Dai, H. M., Nikkhou, F., Tindall, I., & Crewe, S. (2020). CORE Skills Data Fitness Framework Model Development. Project Report (Copyright belongs to CORE Innovation Hub).

Dai, H. M.*, Qin, L. Y. & Zhang, Y. (2019). Destination image: A case study of Zhuhai city image. *Tourism Today*.

Manuscripts under Review

Dai, H. M., Ni, K., Long, X., Wu, C., Rappa, N., Wang, Y., Teo, T. & Zhang, M. (submitted). Persistence in online learning: A systematic review. *Computers & Education*.

Wang, G., Teo, T., Rappa A. N. Lv, T. Zhang, J. Zhuang, Y. & **Dai, H. M.*** (under

revision). Effects of GeoGebra Use on Secondary School Students' Mathematics Achievement: A Quasi-experimental Study in China. *Journal of Computer-Assisted Learning*.

Manuscripts in Progress

Smart learning for K-12 schools: Reality or fantasy

Preservice teachers' perception of future education

Big data capability for teaching in the context of MOOCs

The use of avatar-based simulation in training nursing students' therapeutic communication skills for advance care planning conversation: A pilot study

Invited Talks and Conference Presentations

Dai, H. M. & Ni, K. (2023). Conceptualising and measuring online learning persistence. *2023 18th Annual Conference of China Education Technology Association (Information Technology Education Committee)*. Zhejiang, China.

Dai, H. M. (2022). **Keynote speaker**. Online learning persistence: A systematic review. *2022 6th International Conference on Education and Information Technologies* (Online).

Dai, H. M. (2022). **Keynote speaker**. Learning persistence in MOOCs. *2022 6th International Conference on Education and Human Development* (Online).

Ju, B., **Dai, H. M.** & Todd, S. (2022). Resilience and (dis)empowerment: Use of social media among mainland migrant workers in Macao during the Covid-19. Accepted by *72nd Annual ICA Conference, One World, One Network*.

Dai, H. M. (2020). **Invited speaker**. Understanding continuance intention among MOOC participants: The role of habit and MOOC performance. *The 2nd ISLA China 2020*.

Dai, H. M. (2019). **Invited speaker**. Choices in Research: Learning in MOOCs. *BNU Zhuhai Forum for International Young Scholars*, China. (Fully funded by the forum)

Dai, H. M. & Teo, T. (2018). **Session Chair**. University teachers' perceived usefulness of using MOOCs for teaching. Paper presented at the *12th International Conference on Language, Innovation, Culture & Education 2018*, Singapore.

Dai, H. M. (2017). Multimedia learning: Effect of presentation formats and input material's difficulty levels on L2 listening comprehension. Paper posted at the *62nd Annual Conference of the International Linguistic Association 2017*, Hongkong.

Teaching Experience

Supervisory & Mentoring Experience

- ✧ Yuyang Wang, Postgraduate Student Research Fund (¥ 10,000). Shanghai Jiao Tong University, China (2023)
Project title: *Exploring the attributes of "dream" supervisors*

Role: Principal supervisor

- ✧ Danni Wu, Master of Education Thesis, Shanghai Jiao Tong University. China (2021)

Thesis title: *The effectiveness of adopting mathematical modelling in promoting students' interest in mathematics in senior high schools*

Role: Principal supervisor

- ✧ Kaige Ni, Master of Education thesis, Shanghai Jiao Tong University. China (2021)

Thesis title: *Understanding blended learning persistence among high school students: The role of family cultural capital and digital habitus*

Role: Principal supervisor

Courses

- ✧ Instructor, Education for Future (Master), Shanghai Jiao Tong University

- Topics include: Digital society and education, Learning with technologies, Roles of teachers and students in technologies-enabled learning environments, and Ethics of technology use in education.

- ✧ Instructor, English for Academic Purposes (PhD), Shanghai Jiao Tong University

- The course focuses on research design & academic writing for educational research.

- ✧ Instructor, Methods in Educational Research (Master), Shanghai Jiao Tong University

- Topics include: research methodology; quantitative, qualitative and mixed methods research design; data collection and analysis, and report writing

- ✧ Instructor & Course coordinator, Business Communication (Undergraduate), Beijing Normal University Zhuhai

- ✧ Instructor, Academic and Professional Writing (Undergraduate), Beijing Normal University Zhuhai

- ✧ Instructor, Organisational Behaviour (Undergraduate), Beijing Normal University Zhuhai

- ✧ Instructor, Intensive English (Undergraduate), Beijing Normal University Zhuhai

- ✧ Teaching assistant, Academic Writing (PhD), University of Macao
- ✧ Teaching assistant, Research Workshop Series (Academic staff), University of Macao
 - Topics include Research impact, WoS & Scopus, Using APA format, and Doing Quantitative research.

Professional Services

2023	Associate editor for the <i>Journal of University Teaching and Learning Practice</i> (Q2)
2023	External examiner for PhD students' confirmation of candidature, Murdoch University
2021 - Present	Interview panel for the master students' admission exam, Shanghai Jiao Tong university
2021- Present	Examiner for master thesis in education, Shanghai Jiao Tong university
2022 - Present	Coordinator for school-based research (collaboration with a secondary school in Shanghai)
2022	Speaker at Open day (Guangdong) (Student recruitment event)
2022	Conference moderator for <i>2022 6th International Conference on Education and Human Development</i>
2022	Technical Committee member and reviewer for the <i>2022 5th International Conference on Big Data and Education</i>
Reviewer for academic journals	<i>Computers & Education</i> (SSCI, Q1) <i>Computers in Human Behavior</i> (SSCI, Q1) <i>ReCALL</i> (SSCI, AHCI, Q1) <i>Interactive Learning Environments</i> (SSCI, Q1) <i>Telematics and Informatics</i> (SSCI, Q1) <i>Higher Education</i> (SSCI, Q1) <i>The Asia-Pacific Education Researcher</i> (SSCI, Q2) <i>Behaviour & Information Technology</i> (SSCI, Q2) <i>SAGE Open</i> (SSCI, Q2) <i>BMC Psychology</i> (SSCI, Q2) <i>Journal of Nusantara Studies</i> (SSCI, Q3) <i>Journal of Decision Systems</i> (SSCI, Q4) <i>International Journal of Evaluation and Research in Education</i> <i>Pedagogies: An International Journal</i>

Scholarships

2020	Top-up scholarship, iPREP WA
2019 - 2021	Tuition fee scholarship, Murdoch University
2017 - 2019	Full scholarship for PhD students, University of Macau
2007 - 2008	Scholarship for Excellent Postgraduate, Sun Yat-sen University
2005	Scholarship for Excellent Student, Sun Yat-sen University
2005	Meitao Student Grant, Sun Yat-sen University
2004	Scholarship for Excellent Student, Sun Yat-sen University

Professional Membership

American Educational Research Association (AERA)

British Educational Research Association (BERA)

Online Learning Consortium (OLC)

Australasian Society for Computers in Learning in Tertiary Education (ASCLITE)