

## Rita Hai Min Dai, PhD

Associate Professor

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## Personal Summary

Dr. Hai Min Dai is an Associate Professor in Education at the Research Centre for Future Education, Shanghai Jiao Tong University. Her research focuses on the intersection of educational psychology and human-AI interaction. Dr. Dai has first-authored articles published in high-impact journals such as *Computers & Education*, *Computers in Human Behavior*, *British Journal of Educational Technology*, *Interactive Learning Environments*, *Journal of Computer Assisted Learning*, and *Higher Education*. According to Scopus, her FWCI (Field-Weighted Citation Impact) score is 4.2, indicating that the citations her research received are 4.2 times higher than the average for that specific field of research globally.

She has served as Principal Investigator or Co-Investigator for twelve research projects funded by institutions in the UK, Australia, China, and Macao SAR. Additionally, Dr. Dai serves as an Associate Editor for the *Journal of University Teaching and Learning Practice*, a guest editor for the special issue on generative AI in the *British Journal of Educational Technology*, and academic advisor for Education University of Hongkong's CRAC project titled "University Teacher Artificial Intelligence (AI) Competency Model and Professional Learning System for EduHK and Beyond".

## Education

**PhD in Education**, Murdoch University, Australia (2019 – 2021)

- Thesis: Continuous Learning in MOOCs: Insights from Chinese MOOC Learners (Top 10%)

**PhD candidate in Education**, University of Macau, China SAR (2017 – 2019)

- Straight As

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

- Award of Excellent Postgraduate Student

**B. A. in English**, Sun Yat-sen University, China (2003 – 2007)

- Above the 90<sup>th</sup> percentile
- Accelerated entry to the postgraduate program

**Minor in Public Relationship**, Sun Yat-sen University, China (2004 – 2005)

## Work Experience

2024.7 — present	Associate professor	Shanghai Jiao Tong University
2021.6 — 2024.6	Assistant Professor	Shanghai Jiao Tong University
2009.9 — 2019.9	Lecturer	Beijing Normal University Zhuhai

## Research Grants (recent 5 years)

Principal investigator (2024). *Exploring pathways to enhance language instructors' agency in the era of generative AI*. "Generative AI + Education" Special Fund Project by Shanghai Jiao Tong University.

Co-chair (2024). *Generative AI + Methods in educational research*. Special Fund for Innovation in Curriculum and Instructional Design by Shanghai Jiao Tong University.

Principal investigator (2023–2026). *An investigation of the management model for the sustainable use of smart learning technologies in human-AI hybrid environments*. Humanities and Social Science Grant by the Ministry of Education (China) (National-level, acceptance rate ranging from 10% to 20%).

Principal investigator (2021–2024). *An investigation of online learning persistence among adolescents*. Shanghai Jiao Tong University Start-up Fund.

Principal investigator (2020). *CORE skill data fitness framework model development*. CORE Innovation Hub (Industrial project).

Co-chair (2023–2024). *An investigation of the sustainable use of smart learning technologies in the human-AI hybrid settings*. SJTU-Warwick Global Strategic Partnership Fund (cross-national level).

Co-investigator (2023–2025). *An investigation of the emotional development of college students in online learning from the perspective of positive psychology*. Chongqing Municipal Education Commission.

Co-investigator (2023–2025). *Enhancing formative assessment in English speaking courses through digital tools*. Chongqing Municipal Education Commission.

Co-investigator (2020–2021). *Effects of social media on social resilience: A case study of the COVID-19 epidemic*. Macao SAR Government Higher Education Covid-19 Special Fund.

## Awards and Honors

2024 Award for Excellence in Teaching Competition for Young Faculty, School of Education, Shanghai Jiao Tong University

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

2021 Best Publication Award, Murdoch University

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

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

## Publications

(\* corresponding author)

Liu, M., Wu, Z., **Dai, H. M.** et al., (Accepted). Enhancing self-directed learning and Python mastery through integration of a large language model and learning analytics dashboard. *British Journal of Educational Technology*.

Ni, K., **Dai, H. M.\* (co-first author)** & Chris, B. (2025). Secondary school students' learning persistence in human-AI hybrid learning: The supplementary role of parental mediation. *British Journal of Educational Technology*.  
<https://doi.org/10.1111/bjet.13563>

Taylor, L., **Dai, H. M.**, Ng, H., Playfoot, D. & Rose, S. (2025). Editorial: Improving quantitative research in higher education learning and teaching. *Journal of University Teaching and Learning Practice*.  
<https://doi.org/10.53761/jc59jm21>

**Dai, H. M.\*** & Chang C. (Under contract). Achieving agency in the era of ChatGPT: Insights from language teachers at Chinese universities. In *Global Challenges in Language Teaching and Learning: Developments and Innovation*. Cambridge University Press.

**Dai, H. M.\***, Ni, K., Rappa, N., Long, X., Wu, C., Wang, Y., Teo, T. & Zhang, M. (2023). Explaining persistence in online learning: A review study. In *proceedings of 2023 ASCILITE conference*, New Zealand.  
<https://doi.org/10.14742/apubs.2023.483>

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):1-12.  
<https://doi.org/10.1177/21582440231160480>

**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. <https://doi.org/10.1111/jcal.12681>

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.  
<https://doi.org/10.1093/ccc/tcac022>

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. <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.  
<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. <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.

<https://doi.org/10.1016/j.chb.2020.106455>

**Dai, H. M.**, Nikkhrou, 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*.

<https://d.wanfangdata.com.cn/periodical/ddlv201822159>

**Dai, H. M.** (2014). Plotinus' aesthetics. *Journal of Guilin University of Aerospace Technology*, 19(2), 200-203. (In Chinese) <https://doi.org/10.3969/j.issn.1009-1033.2014.02.027>

**Dai, H. M.** (2010). She and nativeness: Feminism in China from the perspective of nativesness. *Journal of Guilin University of Aerospace Technology*, 15(4), 522-524. (In Chinese) <https://doi.org/10.3969/j.issn.1009-1033.2010.04.030>

**Dai, H. M.** (2010). Plants and women in the Book of Song. *Science & Technology Information*, 31, 573-577. (In Chinese)

<https://doi.org/10.3969/j.issn.1001-9960.2010.31.458>

## Manuscripts under Review

**Dai, H. M.**, Ni, K. & Meng, H. (under review). ChaGPT as a frenemy: University teachers' perceptions of ChatGPT's autonomy and adoption in Teaching Practices.

**Dai, H. M.**, Ni, K., Long, X., Wu, C., Rappa, N., Wang, Y., Teo, T. & Zhang, M. (under review). A systematic review of online learning persistence: From K-12 to post-secondary education.

Wang, Y., **Dai, H. M.**, & Chang, C. G. (under review). Development and Evaluation of a GenAI-Teacher Collaborative Model for Lexical Feedback in English Writing.

## Teaching Experience

**Instructor**, Shanghai Jiao Tong University

- Future Education (Master)
- Methods in Educational Research (Master)
- English for Academic Purposes (PhD)

**Instructor & Course Coordinator**, Beijing Normal University Zhuhai

- Business Communication (Undergraduate)
- Academic and Professional Writing (Undergraduate)
- Organisational Behaviour (Undergraduate)
- Intensive English (Undergraduate)

## Supervision

- Kaige Ni (MA, 2024). *An Investigation of Secondary School Students' Learning Persistence in Blended Learning: The Role of Parental Mediation*
- Danni Wu (MEd, 2024). *Improving High School Students' Mathematical Modelling Competencies: A Case Study of a Middle School in Shanghai*
- Ying Wang (MEd, 2025). *Development and Evaluation of a Human-AI Collaborative Model for Lexical Feedback in English Writing*
- Yuyang Wang (MEd, 2025). *A Study on the Teaching Design of Integrating Career Education into High School Biology Teaching and its Impact on Students' Career Adaptability*

## Invited Talks and Conference Presentations

- Dai, H. M.** (2025, August). Human-AI partnership in academic research: A case study of postgraduate education students. *EARLI 2025*, Glaz, Austria.
- Wang, Z., & **Dai, H. M.** (2025, September). Exploring the agency of Chinese postgraduate students in utilizing generative AI for research. *BERA 2025*, Brighton, United Kingdom.
- Dai, H. M.** (2025). **Panel member.** Key issues for quantitative research in educational psychology. *Panel Discussion for the Psychology Section for the Journal of University Teaching and Learning Practice*.
- Dai, H. M.** (2025). **Invited talk.** Trends in future education and innovative talent development. *Professional Development Programs for Secondary School Principals, Shanghai Jiao Tong University*.
- Dai, H. M.** (2025). **Invited talk.** Human-machine co-shaping the future of education: Opportunities and challenges. *Lifelong Education College, Shanghai Jiao Tong University*
- Dai, H. M.** (2025). AI + HI (Human Intelligence): Shaping the future of education at SJTU. Education University of Hongkong.
- Dai, H. M.** (2024). Human-machine co-shaping the future of education: Opportunities and challenges. Lifelong Education College, Shanghai Jiao Tong University
- Dai, H. M.** (2024). Achieving agency in the era of ChatGPT. *UNU Macau AI Conference 2024*, Macau.
- Dai, H. M.**, Ni, K., Rappa, N., Long, X., Wu, C., Wang, Y., Teo, T. & Zhang, M. (2023). Explaining persistence in online learning: A review study. *2023 ASCILITE Conference*, New Zealand.
- Dai, H. M.** & Ni, K. (2023). Conceptualising and measuring online learning persistence. *2023 18<sup>th</sup> Annual Conference of China Education Technology Association*. 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 6<sup>th</sup>*

*International Conference on Education and Human Development* (Online).

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

**Dai, H. M. (2019). Invited speaker.** Choices in research: Learning in MOOCs. *BNU Zhuhai Forum for International Young Scholars, China*.

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

## Professional Services

- **Academic Advisor** for Education University of Hongkong's CRAC project titled "*University Teacher Artificial Intelligence (AI) Competency Model and Professional Learning System for EduHK and Beyond*".
- **Guest Editor** for the special issue on Generative AI in the *British Journal of Educational Technology*
- **Associate Editor** for the *Journal of University Teaching and Learning Practice*
- **Board Member** of the Sun Yat-sen University Shanghai Alumni Association
- **Speaker for the workshop:** "How does ICT Reshape Teaching and Learning in China", UNESCO Teacher Education Centre, Shanghai
- **Coordinator for the session** of Science Education, the 10<sup>th</sup> Forum on Empirical Education Research (2024)
- **Speaker for the workshop:** "Writing and Publishing: An Early Career Researcher's Perspective", Shanghai Jiao Tong University
- **Consultant** for the project "Teachers' Digital Literacy", Minhang Institute of Education, Shanghai
- **Coordinator** for School-based research (collaboration with a secondary school in Shanghai)
- **Conference Moderator** for the 2022 6th International Conference on Education and Human Development
- **Technical Committee Member and Reviewer** for the 2022 5th International Conference on Big Data and Education
- **Reviewer for Academic Journals**, including *Computers & Education*, *Computers in Human Behavior*, *ReCALL*, *Interactive Learning Environments*, *Telematics and Informatics*, *Higher Education*, *The Asia-Pacific Education Researcher*, *Behaviour & Information Technology*

## 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)

The European Association for Research on Learning and Instruction (EARli)

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