Jianhua Jordan YU

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Academic Experiences

Research Assistant Professor, Hong Kong Polytechnic University   2023.1- Present

Research Associate, Hong Kong Polytechnic University   2022.7-2023.1

Education

City University of Hong Kong (Hong Kong, China)

Ph.D. Information System   2022

University of International Business and Economics (Beijing, China)

B.A. Management (E-Business)   2015

B.A. Economics (Finance)   2015

Research Interests

Topics   E-health, AI Application, Mobile Technology Design/Usage, Virtual Teams

Methods   Quantitative: experiment, survey, and secondary data analysis

Qualitative: interview and case study

Research

Research Grants & Projects Experience

- *Principal Investigator*: "Nudging, Mastering, and Fading: Using Scaffolding Designs in Mobile Fitness Apps to Boost Users' Relative Autonomy and Vitality in Physical Activity", GRF, Hong Kong, HKD 427,700 (2025-2027).
- *Co-Investigator*: "Improving Chronic Patients' Health by Smart Health Devices and Applications", NFSC, China, RMB 400,000 (2024-2027).
- *Principal Investigator*: "Addressing Rating Bias: Rethinking the Design of Online Reputation Ratings for Individual Physicians and Medical Teams in Online Health Communities", Internal Start-up Fund, PolyU (UGC), HKD 250,000 (2023-2025).
- *Participant*: "Narrowing the Divide: Using AI-Powered Smart Health Devices and Applications and the Human Touch to Support Patients with Chronic Illness", GRF, Hong Kong, HKD 1,099,443 (2022-2025).
- *Participant*: "Investigating the Formation, Transmission and Prevention of Cyberbullying in Social Media: A Perspective of Social Network Polarization", NFSC, China, RMB 480,000 (2022-2025).

Paper Under Review

- "Toward an Attachment Theory of Mobile Device Usage", with Kai Lim, Yulin Fang, J.J. Po-An Hsieh and Jie Lou. Major Revision in *Information Systems Research*.

Working Papers

I. AI Application in Mental Health

- "Designing a Person-Centered AI Counseling Platform: Effects of AI Empathy and AI Neutrality on Wellbeing and Human-AI Relationships", in preparation for submission.

II. E-Health in Illnesses (OHCs and Chronic Diseases)

- "Seeing the Forest and the Trees: The Impact of Cross-Level Team Professional Capitals on Individual Doctors' Reputations in Online Healthcare Communities", in preparation for submission to ISR.
- "The Synergistic Effects of AI Support and Family Support on Chronic Illness Management: A Perspective of Optimal Match Theory", in preparation for submission to ISR.
- "Designing Online Emotional Support for Better Chronic Illness Management Performance in the Elderly Parent-Adult Child Dyad: An Emotional Affordance Perspective", in progress.

III. E-Health in Sports

- "Nudging, Mastering, and Fading: Using Scaffolding Designs in Mobile Fitness Apps to Boost Exercisers' Relative Autonomy and Vitality in Physical Activity", in progress.
- "Digitalization to Reduce Inequality Among Chinese Teenagers in Sports", in progress.

IV. Other Topics on Virtual Teams and Digital Innovation

- "The Effect of Consumer-Generated Images on Restaurants' Subsequent Ratings", in preparation for submission.
- "Motivation Crowding-in or -Out? Cryptocurrency Incentives for Users Engagement in a Blockchain Platform: An Empirical Study", in preparation for submission.

Journal Articles (‡ student; * correspondence)

- Shixuan Fu, **Jianhua Jordan Yu***, Huimin Gu and Xiaoxiao Song, "Dual effects of ambivalence towards technologies in online live streaming learning", *IT & People*, 2023, DOI: 10.1108/ITP-03-2023-0246.
- Tingting Hou, Shixuan Fu, Yichen Cao, Xiaojiang Zheng, and **Jianhua Jordan Yu**, "Construing travelers' choice on peer-to-peer accommodation-sharing platform: an investigation into cultural identity and accommodation type", *Journal of Electronic Business & Digital Economics* 1(1/2), pp.152-173, 2022.

Refereed Conference Proceedings

- Jia Wu[‡], **Jianhua Yu***, Yiming Ma, Kai Lim, "Smile May Backfire? Understanding the Effect of Smile Intensity of Psychological Consultants' Online Profile Picture on Patients' Choice", *2024 Conference on Information Systems and Technology (CIST)*.

- Xiaojiang Zheng, Shixuan Fu, **Jianhua Yu**, "When Avatars Matter: Leveraging Avatar-mediated Interactions to Enable Creative Performance in Videoconferencing", *2024 30th Americas Conference on Information Systems (AMCIS)*.

- Yuchen Ma, Buchao Zhan, **Jianhua Yu**, Shankai Yan, "SACMR: Sentiment Analysis in Chinese Language using Modified RoBERTa", *2024 IEEE the 9th International Conference on Computational Intelligence and Applications (ICCIA)*.

- Xusen Cheng and **Jianhua Yu**, "Designing of a Mobile Collaboration Application for Student Collaborative Group Work: Evidence from China", *2015 48th Hawaii International Conference on System Sciences*, IEEE, pp.544-551, 2015. ***HICSS Best Conference Paper Nomination***

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- Xusen Cheng and **Jianhua Yu**, "Siwei Chuangxiang", *No.2014SR062492*, China, 2014
- Xusen Cheng, Yuanyuan Li, Xiaodong Zhu, **Jianhua Yu**, "Discussion", *No.2013SR076322*, China, 2013

Selected Awards and Honors

Awards and Honors

Excellent Paper Award, JEBDE's Academic Conference	2022
Outstanding Academic Performance Award, CityU of HK	2017
Research Tuition Scholarship, CityU of HK	2016-2017
Beijing Excellent Graduated Student, Beijing	2015
HICSS Best Conference Paper Nomination	2015

Teaching Experience and Academic Talks

Instructor

Ph.D.- MM6004: Research Methods for Behavioral Research   Spring 2023

- Overall Teaching Evaluation: **4.8/5.0**

Bachelor- MM3451: Knowledge Management   Spring 2024

- Overall Teaching Evaluation: **4.6/5.0**

Teaching Assistant

- Bachelor- CB2500: Information Management

- Master- IS6640: IS Planning & Strategy; IS6921: Knowledge Management

- EMBA- FB5807&FB5807P: Management Information Systems (In English & Chinese)

Workshop Papers and Presentations

- "The Synergistic Effects of AI Support and Family Support on Chronic Illness Management: A Perspective of Optimal Match Theory", Joint University Summer Workshop on Information Systems (JUSWIS), HKU, 2024
- "Toward an Attachment Theory for Mobile Device Usage", Joint University Summer Workshop on Information Systems (JUSWIS), PolyU, 2023
- "Construing Travelers' Choice on Peer-to-Peer Accommodation Sharing Platform: An Investigation into Cultural Identity and Accommodation Type", JEBDE Academic Conference, China, 2022 *****Excellent Paper Award*****
- "Reconceptualizing Mobile Device Usage: An Attachment Perspective", IS Workshop, CityU, 2021
- "Mobile Functionality versus Affective Experience: Differential Effects on Exploitative and Exploratory Usage of Mobile Technology", IS Seminar, CityU, 2019

Service

Conference Editor/ Committee

Associate Editor, ICIS	2024
Program Committee/ Discussant, CSWIM	2024
Program Committee/ Discussant, CSWIM	2023

Ad Hoc Reviewer for Journals and Conferences

Information & Management (I&M)	AMCIS
International Journal of Electronic Commerce (IJEC)	ECIS
Internet Research	HICSS
Information Systems Journal (ISJ)	ICIS
IT & People	PACIS
	CSWIM