

Junnan Yu, Ph.D.

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Appointments

- 2022.08–Now **The Hong Kong Polytechnic University**
Assistant Professor, School of Design
- Summer 2022 **University of Colorado Boulder**
Temporary Research Faculty, Department of Information Science
- Summer 2020 **Harvard University**
Research Intern, The Berkman Klein Center for Internet & Society

Education

- 2017.08–2022.05 **University of Colorado Boulder** | Boulder, CO, USA
- **Ph.D. in Information Science**
 - Thesis: *A Design Exploration of Leveraging Physical Play to Support Computational Learning for Young People*
 - Advisor: Ricarose Roque
 - Committee Members: Ricarose Roque (Chair), Casey Fiesler, Ben Shapiro, Joseph Polman, Victor R. Lee
- 2014.09–2017.03 **Shanghai Jiao Tong University** | Shanghai, China
- **M.A. in Design (Graduated with Honor)**
 - Advisor: Ting Han
 - School of Media & Design
- 2010.09–2014.06 **Zhejiang University** | Hangzhou, China
- **B.E. in Industrial Design**
 - College of Computer Science and Technology

Research Interests

- Interactive Learning Technologies and Equity
- Computing Education for Young People
- Child-Computer Interaction
- Design Research

Grants/Funded Projects

- 2026–2028 **PI**, Early Career Scheme (ECS), Research Grants Council (RGC) of Hong Kong
- Project: *Investigating the Design of Coding Kits from a Gender Perspective to Support Inclusive Computational Learning for Children*
 - Amount: HKD 850,764
- 2025–2028 **PI**, Research Fund for the Outstanding Young Researcher Award, The Hong Kong Polytechnic University
- Project: *Investigating Child-Centric Spatial Computing Design*
 - Amount: HKD 300,000
- 2023–2025 **PI**, School Collaborative Research Fund with Non-local Institutions, The Hong Kong Polytechnic University
- Project: *Investigating the Design of Culturally Responsive Computational Learning Tools for Children*
 - Co-Investigator: Dr. Natalie Rusk (MIT Media Lab, Lifelong Kindergarten Research Group)
 - Amount: HKD 400,000
- 2023–2025 **PI**, Departmental Supporting Fund, The Hong Kong Polytechnic University
- Project: *Combining Computational Learning with Physical Play for Young Children: Investigating the Design of Learning Tool and Experience*
 - Amount: HKD 100,000
- 2023–2024 **PI**, Departmental General Research Fund, The Hong Kong Polytechnic University
- Project: *Parent-Child Joint Media Engagement with Learning Technologies in Hong Kong*
 - Amount: HKD 100,000
- 2023–2024 **Co-I**, Departmental General Research Fund, The Hong Kong Polytechnic University
- Project: *Towards a subjective well-being society from a positive design perspective: A case study of Hong Kong*
 - Amount: HKD 89,200
- 2023–2024 **PI**, Internal Research Fund, The Hong Kong Polytechnic University
- Project: *AI Literacy for Children: An Overview of Learning Content and Tools*
 - Amount: HKD 250,000
- 2022–2024 **PI**, Internal Research Fund, The Hong Kong Polytechnic University & University Grants Committee of Hong Kong
- Project: *Investigating Gender-related Design Features in Computational Toys and Kits for Young Children*
 - Amount: HKD 150,000
- 2020–2021 **PI**, Outreach Micro Grants, University of Colorado Boulder
- Project: *Computational Physical Play Workshops in Community-based Organizations*
 - Amount: USD 1,870

Honors & Awards

- 2025 Best Paper Honorable Mention Award
The ACM CHI 2025 Conference

- 2025 Outstanding Young Researcher of the School of Design
The Hong Kong Polytechnic University
- 2024 Best Paper Honorable Mention Award (Two)
The ACM CHI 2024 Conference
- 2021 The Graduate School Summer Fellowship
University of Colorado Boulder
- 2021 Graduate Research Award
Department of Information Science, University of Colorado Boulder
- 2020 The Gerald C. Bean Scholarship
College of Media, Communication and Information, University of Colorado Boulder
- 2018 Student Best Paper Award
ACM Conference on Interaction Design and Children (IDC)
- 2017 Outstanding Graduate
Shanghai Jiao Tong University
- 2015&2016 National Scholarship for Graduate Students (Two)
The Ministry of Education of China
- 2012 Winner of the Innovative Electric Heater Design Competition
Chinese Industrial Design Association (Top 10 out of 1500)

Peer Reviewed Publications [[Google Scholar Page](#)]

Authors underlined are research assistants or students I mentored for the work

Journals:

- [J8] Jia, K., Leung, T., Cheung, N., Li, Y., & Yu, J. (2025). Developing a Holistic AI Literacy Framework for Children. *ACM Transactions on Computing Education*. 25, 2, Article 21 (June 2025), 1-30. (JCR Q1)
- [J7] Zhou, Z., Li, Y., & Yu, J. (2024). Exploring the application of LLM-based AI in UX design: an empirical case study of ChatGPT. *Human-Computer Interaction*, 1-33. (Acceptance Rate: 2%; JCR Q1)
- [J6] Yu, J., Xu, T., Kelley, C., Ruppert, J., & Roque, R. (2024). Leveraging Physical Activities to Support Learning for Young People via Technologies: An Examination of Educational Practices Across the Field. *Review of Educational Research*, 1-47. (Acceptance Rate: 5%; JCR Q1)
- [J5] Zhou, Z., Li, J., Zhang, Z., Yu, J., & Duh, H. (2024). Examining How the Large Language Models Impact the Conceptual Design with Human Designers: A Comparative Case Study. *International Journal of Human-Computer Interaction*, 1-17. (JCR Q1)



- [J4] Xu, T.*, **Yu, J.***, Doyle, D., & Volda, S. (2023). Technology-Mediated Strategies for Coping with Mental Health Challenges: Insights from People with Bipolar Disorder. *Proc. ACM Hum.-Comput. Interact.*, 7(CSCW2), Article 240, 1-31. (**CSCW '23**) (*Equal contribution)
- [J3] **Yu, J.**, Granados, J., Hayden, R., & Roque, R. (2021). Parental Facilitation of Young Children's Technology-based Learning Experiences from Nondominant Groups During the COVID-19 Pandemic. *Proc. ACM Hum.-Comput. Interact.*, 5(CSCW2), Article 307, 1-27. (**CSCW '21**)
- [J2] **Yu, J.**, Ruppert, J., Roque, R., & Kirshner, B. (2020). Youth Civic Engagement Through Computing: Cases and Implications. *ACM Inroads*, 11(4), 42-51.
- [J1] **Yu, J.**, & Roque, R. (2019). A Review of Computational Toys and Kits for Young Children. *International Journal of Child-Computer Interaction*, 21, 17-36.


Conference Proceedings:

[Archival conference proceedings such the ACM CHI Conference are considered top-tier publication venues for Human-Computer Interaction and are "journal equivalent."]



- [C21] Qi, X., & **Yu, J.** (2025). Participatory Design in Human-Computer Interaction: Cases, Characteristics, and Lessons. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25)* (Article 804, pp. 1-26). Yokohama, Japan. (**Best Paper Honorable Mention Award, Top 5%**; Acceptance Rate: 24.9%)
- [C20] Jia, K., & **Yu, J.** (2025). Technologies for Children's AI Learning: Design Features and Future Opportunities. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25)* (Article 1196, pp. 1-22). Yokohama, Japan. (Acceptance Rate: 24.9%)
- [C19] Li, W., **Yu, J.**, Zhou, Y., Shi, J., You, W., & Zhou, Z. (2025). Exploring the Design of Human Speech Indicators to Enhance Waiting Experience in Voice User Interface. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25)* (Article 576, pp. 1-19). Yokohama, Japan. (Acceptance Rate: 24.9%)
- [C18] Mei, Y., Wu, Z., **Yu, J.**, Li, W., & Zhou, Z. (2025). GeneyMAP: Exploring the Potential of GenAI to Facilitate Mapping User Journeys for UX Design. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25)* (Article 270, pp. 1-22). Yokohama, Japan. (Acceptance Rate: 24.9%)
- [C17] Zhang, Z., Gui, X., **Yu, J.**, Bai, S., & Kou, Y. (2025). Dangerous Playgrounds: Child Players' Encounters with Design-Mediated Risks on User-Generated Game Platforms and Their Safety Practices. In *Proceedings of the 24th Interaction Design and Children Conference (IDC '25)* (pp. 296-313). Reykjavik, Iceland. (Acceptance Rate: 29%)
- [C16] Xue, K., Mao, Y., **Yu, J.**, & Luo, Y. (2025). Toward Interactive Reading: Co-designing With Adolescents to Explore Opportunities for Overcoming Reading Challenges. In

- Proceedings of the 24th Interaction Design and Children Conference (IDC '25)* (pp. 1113-1117). Reykjavik, Iceland. (Work-in-Progress)
- [C15] Pei, O., Lau, L. Y. M., Luo, Y., & Yu, J. (2025). Intergenerational Communication Around Young Children's Upbringing: Tensions and Design Implications. In *Proceedings of the 24th Interaction Design and Children Conference (IDC '25)* (pp. 1113-1117). Reykjavik, Iceland. (Work-in-Progress)
- [C14] Yu, J., Qi, X., & Yang, S. (2024). Parent-Child Joint Media Engagement Within HCI: A Scoping Analysis of the Research Landscape. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)* (Article 121, pp. 1-21). Honolulu, HI, USA. (Acceptance Rate: 26.4%)
-  [C13] Luo, Y., Yu, J., Liang, M., Wan, Y., Zhu, K., & Santosa, S. (2024). Emotion Embodied: Unveiling the Expressive Potential of Single-Hand Gestures. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)* (Article 404, pp. 1-17). Honolulu, HI, USA. (**Best Paper Honorable Mention Award, Top 5%**; Acceptance Rate: 26.4%)
-  [C12] Cho, J., Choi, D., Yu, J., & Volda, S. (2024). Reinforcing and Reclaiming the Home: Co-speculating Future Technologies to Support Remote and Hybrid Work. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)* (Article 1026, pp. 1-28). Honolulu, HI, USA. (**Best Paper Honorable Mention Award, Top 5%**; Acceptance Rate: 26.4%)
- [C11] Cowit, N., & Yu, J. (2024). Supporting Physically Active CS-Ed for Children: Exploring the Design of Physical Play Friendly Coding Blocks. In *Extended Abstracts of the 2024 CHI Conference on Human Factors in Computing Systems (CHI EA '24)* (Article 308, pp. 1-7). Honolulu, HI, USA.
- [C10] Yu, J., Hayden, R., & Roque, R. (2023). Exploring Computational Thinking with Physical Play through Design. In *Proceedings of the 22nd Annual ACM Interaction Design and Children Conference (IDC '23)* (pp. 124-136). Chicago, IL, USA. (Acceptance Rate: 29%)
- [C9] Cen, J., & Yu, J. (2023). Examining Gendered Communications of Coding Kits for Young Children. In *Proceedings of the 22nd Annual ACM Interaction Design and Children Conference (IDC '23)* (pp. 624-629). Chicago, IL, USA. (Work-in-Progress)
- [C8] Cen, J., Xu, T., & Yu, J. (2023). Examining Gender-oriented Design Features in Computational Toys and Kits for Young Children. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)* (Article 303, pp. 1-19). Hamburg, Germany. *Interaction Design and Children Conference (IDC '23)* (pp. 124-136). Chicago, IL, USA. (Acceptance Rate: 27.6%)
- [C7] Yu, J., Widman, S., & Roque, R. (2023). Family Negotiation in Joint Media Engagement with Creative Computing. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)* (Article 92, pp. 1-15). Hamburg, Germany. (Acceptance Rate: 27.6%)

- [C6] Yu, J., & Roque, R. (2022). Young Children's Perceptions of Coding and Implications. In *Proceedings of the 21st Annual ACM Interaction Design and Children Conference (IDC '22)* (pp. 448-451). Braga, Portugal. (Work-in-Progress)
- [C5] Yu, J., DeVore, A., & Roque, R. (2021). Parental Mediation for Young Children's Use of Educational Media: A Case Study with Computational Toys and Kits. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)* (Article 475, pp. 1-12). Yokohama, Japan. (Acceptance Rate: 26.3%)
- [C4] Yu, J., Bai, C., & Roque, R. (2020). Considering Parents in Coding Kit Design: Understanding Parents' Perspectives and Roles. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20)* (pp. 1-14). (Acceptance Rate: 24.3%)
- [C3] Yu, J., Zheng, C., Tamashiro, M. A., Gonzalez-millan, C., & Roque, R. (2020). CodeAttach: Engaging Young Children in Computational Thinking Through Physical Play Activities. In *Proceedings of the Fourteenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '20)* (pp. 453-459). Sydney, Australia. (Work-in-Progress)
-  [C2] Yu, J., & Roque, R. (2018). A Survey of Computational Kits for Young Children. In *Proceedings of the 17th ACM Conference on Interaction Design and Children (IDC '18)* (pp. 289-299). Trondheim, Norway. (**Student Best Paper Award, Top 5%**; Acceptance Rate: 29%)
- [C1] Yu, J., Ma, X., & Han, T. (2017). Usability Investigation on the Localization of Text CAPTCHAs: Take Chinese Characters as a Case Study. In *Proceedings of the Transdisciplinary Engineering-24th ISPE Inc., International Conference* (Vol. 5, 10 pages).

Patents

Yu, J., Ma, X., & Han, T. "A faucet with bacteria scanning function", Chinese Patent, 2016: CN201610072274.0

Posters, Talks, Presentations & Workshops

- May 2024 ACM CHI 2024 Workshop on Methods for Family-Centered Design, Honolulu, Hawaii, USA
- Workshop organizing committee, facilitator, and participant
- May 2024 ACM CHI 2024 Paper Presentation, Honolulu, Hawaii, USA
- Paper: "Parent-Child Joint Media Engagement Within HCI: A Scoping Analysis of the Research Landscape"
- Jun 2023 ACM IDC 2023 Paper Presentation, Chicago, USA
- Paper: "Exploring Computational Thinking with Physical Play Through Design"

- Jun 2023 ISLS 2023 Symposium on “Designing to Disrupt While Encountering Disruption: Engaging with the Unexpected in Educational Research and Practice”
- Yu, J. Symposium Poster: “*Disruption of Gender Representation in Computational Toys and Kits for Young Children from a Design Perspective*”
- Apr 2023 ACM CHI 2023 Paper Presentation, Hamburg, Germany
- Talk: “*Family Negotiation in Joint Making with Creative Computing*”
- Apr 2023 ACM CHI 2023 Workshop on Child-Centred AI Design: Definition, Operation and Considerations, Hamburg, Germany
- Zhou, Z., & Yu, J. Workshop Paper: “*Adapt a Generic Human-Centered AI Design Framework in Children’s Context*”
- Jun 2022 ACM IDC 2022 Workshop on “Fun in Learning”
- Workshop paper: “*Designing for Fun in Learning: Reflections from a Case Exploration of Combining Physical Play with Coding for Young People*”
- Jan 2022 The Hong Kong Polytechnic University
- Talk: “*Engaging Young People in Playful Computational Learning Experiences*”
- Dec 2021 Shanghai Jiao Tong University
- Talk: “*Broadening Participation in Computing: Designing Playful Computational Learning Experiences for Young People*”
- Nov 2021 National University of Singapore
- Talk: “*An Exploration of Leveraging Physical Play to Support Computational Learning for Young People*”
 - Workshop: “*Animate Yourself with Coding*”
- Nov 2021 LSGSC 2021 Lightning Talk
- Talk: “*Physical Activity as a Learning Medium: Characteristics and Opportunities*”
- Oct 2021 The Hong Kong University of Science and Technology
- Talk: “*An Exploration of Leveraging Physical Play to Support Computational Learning for Young People*”
- Oct 2021 ACM CSCW 2021 Paper Presentation
- Paper: “*Parental Facilitation of Young Children’s Technology-based Learning Experiences from Nondominant Groups During the COVID-19 Pandemic*”
- Jun 2021 ACM IDC 2021 Workshop – “*Translational IDC: Bridging the IDC Research-Practice Gap*”
- May 2021 ACM CHI 2021 Paper Presentation
- Paper: “*Parental Mediation for Young Children’s Use of Educational Media: A Case Study with Computational Toys and Kits*”
- Apr 2021 Information Science Seminar, University of Colorado Boulder
- Talk: “*Parental Mediation for Young Children’s Use of Educational Media: A Case Study with Computational Toys and Kits*”
- Jun 2018 ACM IDC 2018 Paper Presentation, Trondheim, Norway
- Paper: “*A Survey of Computational Kits for Young Children*”

Teaching

Instructor [Fall 2022 - Present]

Spring	SD3773 Information Architecture [Undergraduate; Lecture-based] The Hong Kong Polytechnic University
Fall	SD5513 Theories in Interaction Design [Graduate; Lecture + Seminar] The Hong Kong Polytechnic University
Fall	SD4761 Studio I: Information and Communication [Undergraduate; Design Studio on User-Centered Design] The Hong Kong Polytechnic University
Spring	SD4762 Studio II: Networks and Communities [Undergraduate; Design Studio on Co-Design/Participatory Design] The Hong Kong Polytechnic University
Spring	SD4771 Capstone Project II: Interactive Media/Interaction Design [Undergraduate; Design Capstone] The Hong Kong Polytechnic University
Fall	SD4770 Capstone Project I: Interactive Media/Interaction Design [Undergraduate; Design Capstone] The Hong Kong Polytechnic University
Summer	SD5539 ISD Capstone Research Project [Graduate; Design Capstone] The Hong Kong Polytechnic University

Teaching Assistant

Fall 2022	SD5114, SD5115, SD5131 - IBD Interdisciplinary Essentials [Project Consultant] [Graduate] The Hong Kong Polytechnic University
Spring 2020	INFO 1121 Designing Interactions [Undergraduate] University of Colorado Boulder
Spring 2019	INFO 1201 Computational Reasoning I (Python) [Undergraduate] University of Colorado Boulder
Spring&Fall 2018	INFO 1201 Computational Reasoning I (Python) [Undergraduate] University of Colorado Boulder
Fall 2017	INFO 1201 Computational Reasoning I (Python) [Undergraduate] University of Colorado Boulder
Spring 2015	AR 903 The Art of Design Innovation [Undergraduate] Shanghai Jiao Tong University
Fall 2014	ID 310 Product Design II [Undergraduate] Shanghai Jiao Tong University

Guest Lecturer & Speaker

Apr 2025	ID5357 Interdisciplinary Ways of Knowing [Graduate] National University of Singapore, led by Prof. Janghee Cho
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Oct 2023	ECE6248 Research Method in Early Childhood Education [Graduate] Education University of Hong Kong, led by Prof. Annie Yixun Li
Apr 2022	INFO 4609/5609 User Centered Design [Graduate and undergraduate] University of Colorado Boulder, led by Prof. Ricarose Roque
Feb 2020	INSC 598 Child-Computer Interaction [Graduate and undergraduate] University of Washington, led by Prof. Katie Davis
Fall 2020	INFO 3505 Designing for Creativity & Learning [Graduate and undergraduate] University of Colorado Boulder, led by Prof. Ricarose Roque

Research Mentorship

"*" indicates co-authors on research papers.

Ph.D. Student Supervision

2024–Now	Yibo Wang* (Chief supervisor; Ph.D. in Design, The Hong Kong Polytechnic University)
2024–Now	Xiang (Nathan) Qi* (Chief supervisor; Ph.D. in Design, The Hong Kong Polytechnic University)
2024–Now	Kelly Yip Cheuk Ying (Co-supervisor; Ph.D. in Design, The Hong Kong Polytechnic University)

Undergraduate, Master's, and Research Assistant Supervision

2025–Now	Zhiye (Joshua) Fang (MDes in Innovative Business Design, The Hong Kong Polytechnic University)
2025–Now	Yuqi Wang (MDes in Intelligent System Design, The Hong Kong Polytechnic University)
2023–2024	Yangyu Huang* (MSc in Multimedia and Entertainment Technology, The Hong Kong Polytechnic University)
2023–2024	Moon Lau (B.A. Interactive Media, The Hong Kong Polytechnic University)
2022–2024	Xiang (Nathan) Qi* (MDes in Smart Service Design, The Hong Kong Polytechnic University)
2023–2023	Irene Cheung* (B.E. HCI, Hong Kong University of Science and Technology)
2022–2023	Siqi Yang* (Master of Design in Intelligent System Design, The Hong Kong Polytechnic University)
2023	Teresa Leung* (Research Assistant, The Hong Kong Polytechnic University)
2022–2023	Jingyao (Joan) Cen* (Research Assistant, The Hong Kong Polytechnic University)
2021	Blanca Cerda Herrera (B.S. Neuroscience, University of Colorado Boulder)
2020	Julisa Granados* (B.S. Psychology and Neuroscience, University of Colorado Boulder)
2019–2020	Andrea Devore* (B.S. Technology, Arts, and Media, University of Colorado Boulder)
2019–2020	Christopher Gonzalez-millan* (B.S. Computer Science, University of Colorado Boulder)
2019	Chenke Bai* (B.S. Information Science, University of Colorado Boulder)
2018	Elizabeth Robinson (B.S. Computer Science, University of Colorado Boulder)

Ph.D. Student Confirmation Panel Member

2025	Xingtong Chen (Ph.D. in Design, The Hong Kong Polytechnic University)
2024	Le (Leo) Fang (Ph.D. in Design, The Hong Kong Polytechnic University)
2024	Junjian Chen (Ph.D. in Design, The Hong Kong Polytechnic University)
2024	Ziyou (Ines) Yin (Ph.D. in Design, The Hong Kong Polytechnic University)
2024	Jun Zhang (Ph.D. in Design, The Hong Kong Polytechnic University)

2024 Cong Fang (Ph.D. in Design, The Hong Kong Polytechnic University)
 2024 Yuxuan (Shawn) Wang (Ph.D. in Design, The Hong Kong Polytechnic University)
 2023 Jingyi Wan (Ph.D. in Design, The Hong Kong Polytechnic University)
 2023 Gui Shun (Ph.D. in Design, The Hong Kong Polytechnic University)

Academic & Community Services

Editorial Board

2023–Now Associate Editor, International Journal of Child-Computer Interaction

Conference Committee & Organization

2026 ACM DIS 2026 Conference: **Co-Chair** for the Interactivity/Demo session
 2026 ACM IDC 2026 Conference: **Co-Chair** for the Work-in-Progress session
 2026 ACM CHI 2026 Conference: **Associate Chair** for the Paper Session (Subcommittee: Learning, Education, and Families)
 2026 ISLS 2026 Annual Meeting: Social Media/Communication Committee Member
 2025 ACM IDC 2025 Conference: **Co-Chair** for the Work-in-Progress session
 2024-2025 ACM CHI 2025 Conference: **Associate Chair** for the Paper Session (Subcommittee: Design)
 2024 ACM TEI 2025 Conference: **Associate Chair** for the Paper Session
 2024 Greater Bay HCI Forum Pre-CHI 2024: **Award Chair**
 2024 ACM CHI 2024 Workshop: Organizing Committee for the Workshop on Methods for Family-Centered Design
 2024 ACM CHI 2024 Conference: **Associate Chair** for the Late-Breaking Work session
 2023 ACM CSCW 2023 Conference January Cycle: **Associate Chair** for the Paper Session
 2023 ISLS 2023 Conference: Program Committee Member
 2023 ACM CHI 2023 Conference: **Associate Chair** for Late-Breaking Work
 2022 ACM CSCW 2023 Conference: July Cycle: **Associate Chair** for Paper Session
 2022 ACM CSCW 2022 Conference: **Associate Chair** for Poster Session

Paper Reviewer

Proceedings:

- CHI: 2019 - Now (**Special Recognition for Outstanding Reviews**)
- CSCW: 2020 - Now (**Special Recognition for Outstanding Reviews**)
- IDC: 2019 - Now
- TEI: 2019 - Now
- DIS: 2020 - Now
- Creativity & Cognition: 2021
- LSGSC 2021

Journals:

- ACM Transactions on Computing Education
- Design Studies
- Educational Research Review (**Recognized Reviewer**)
- Computers & Education (**Recognized Reviewer**)
- International Journal of Child-Computer Interaction (**Recognized Reviewer**)

- Journal of Research in Childhood Education
- Journal of School Health

Departmental Service

- 2023–Now Member of School Research Committee, School of Design, The Hong Kong Polytechnic University
- Review internal grant applications
 - Review internal project reports
 - Review Ph.D. applications
 - Review graduate students' annual performance
 - Other research-related matters in the school
- 2023–Now Undergraduate Admission Material Review and Interviews
- 2022 Member of the PolyU Design bidding team for 2024 Design Research Society Conference

Outreach Programs

- Jun & Jul 2024 OctoStudio Coding Workshops for Young Children
In collaboration with Community Centers in Shenzhen
- Apr 2021 Remote Coding Workshops for Young Children
In collaboration with Boulder Public Library & I Have A Dream Foundation
- Feb 2020 Workshops on Coding & Physical Play for Children
In collaboration with the Museum of Boulder
- Jul 2019 Computational Physical Play Workshops for Children
In collaboration with the University of Colorado Museum of Natural History

Volunteer

- Oct 2021 Student Volunteer for CSCW 2021 Conference
- Feb 2021 Computer Science Education Week 2021
Boulder Public Library, Boulder, CO, USA. Led by Celeste Moreno
- Spring 2020 Youth Maker Hangout Event
Boulder Public Library, Boulder, CO, USA
- 2015 & 2016 The Fourth and Fifth Summer Camp of Innovative Design Elites
Shanghai Jiao Tong University, Shanghai, China
- Summer 2014 Asia Leadership Programme
Zhejiang University & Singapore University of Technology and Design, Hangzhou, China