

Long-Jing (Claire) Hsu

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EDUCATION

Indiana University Bloomington (IUB), USA

Aug 2021- May 2026

Doctor of Philosophy (Ph.D.) in Informatics, Human Computer Interaction Track

- Advisors: Dr. Selma Šabanović, Dr. Chia-Fang (Christina) Chung
- Cumulative GPA: 4.00/4.00

National Taiwan University, Taiwan

Aug 2018- Jan 2021

Master of Science in Department of Bio-Industry Communication and Development

- Advisor: Dr. Yueh, Hsiu-Ping
- Thesis Title: "Social presence on emotion, behavior, and social support: When older adults eat with social robot and stuffed animal"
- Cumulative GPA: 4.26/4.30. Top 1 of 13 (2019 academic year)

National Taiwan University, Taiwan

Aug 2011- Jan 2016

Bachelor of Science in School of Forestry and Conservation

- Last 2.5 years GPA: 4.03/4.30

SKILLS

- **UX Research:** Qualitative methods (In-depth and focus-group interviews), Persona development, Surveys, Usability testing, User journey, Eye tracking, Design thinking
- **Psychology:** Human emotions, EEG, QOL and well-being
- **Statistics:** Structural equation modeling, Latent class analysis, Logistic regression
- **Other skills:** SPSS, AMOS, Python, HTML/CSS, Qualtrics, Javascript

EXPERIENCE

Toyota Research Institute, USA — Student Researcher

Aug 2021 - present

- An Indiana University - Toyota Research University 2.0 Collaboration program
- Collaborating with a team of 9 in conducting robot interactions, adjusting tablet user interface, surveys, interviews, co-design workshops, and analysis of data

Duofu Care Services, Taiwan — Intern

March 2021- June 2021

- Developed and marketed local revitalization based trips and wheelchair lessons through email and podcast
- Reached out to 200+ professors in Taiwanese Universities

International Companion for Learning (ICL) in NTU, Taiwan — Manager

Sept 2016- July 2018

- Maintained the official website and Facebook FanPage with 3000+ followers
- Responsible for 400+ students and negotiated with teachers of primary and secondary schools
- Managed and arranged trips of 10-60 students to rural areas
- Assisted in arranging meetings, making recordings, preparing annual reports, and program budget

TEACHING

- AI for Dr. Hamid Ekbis's "Foundations of HCI" Aug 2022 - present
- AI for Dr. Erik Stoltermann's "Human Computer Interaction Design Theory" Jan 2022 - May 2022
- TA for Dr. Hsiu-Ping Yueh's "Storytelling in Marketing," "General Psychology," "Persuasive Technology Interactive Design Workshop," "Social Robotics" Aug 2018 - July 2021

MENTORSHIP

- Mohankumar, Meghana, IUB, B.S., CEWIT Program Oct 2022 - present
- Hodum, Hillary Alexa, IUB, B.S., CEWIT Program Oct 2022 - present
- Basay, Nur Aisyah Binti, IUB, B.S., Group SREP Program June 2022 - July 2022

PUBLICATION

- Randall N, Joshi S, Kamino W, Hsu L-J, Agnihotri A, Li G, Williamson D, Tsui K and Šabanović S (2022) Finding ikigai: How robots can support meaning in later life. *Frontiers in Robotics and AI*, 9:1011327. doi: 10.3389/frobt.2022.1011327
- Hsu, L. J., Lin, W., & Yueh, H. P. (2022). Connecting Twitter With Scholarly Networks: Exploring HCI Scholars' Interactions From an SNA Approach. *IEEE Transactions on Professional Communication*, 10.1109/TPC.2022.3205511.
- Hsu, L. J., Yueh, H. P., Hsu, S. H. (2021). Subjective Social Capital and Loneliness for the Elderly: The Moderator Role of Line and Facebook Use. *Social Media+ Society*, 7(3), 20563051211043906.

CONFERENCES PROCEEDINGS

- Yueh, HP., Hsu, LJ., Lin, W. (2022). Let the Camera Eat First? Engaging the Older Adults' Reflection and Sharing About Food Photograph to Enhance Wellbeing. In: Rau, PL.P. (eds) Cross-Cultural Design. Applications in Business, Communication, Health, Well-being, and Inclusiveness. HCII 2022. Lecture Notes in Computer Science, vol 13313. Springer, Cham. https://doi.org/10.1007/978-3-031-06050-2_33
- Leigh Levinson, Chun Han (Ariel) Wang, and Long-Jing Hsu. 2022. Buzz! Deepening Human Connection to Plants Through Technology. In Proceedings of the 2022 ACM/IEEE International Conference on Human-Robot Interaction (HRI '22). IEEE Press, 1215–1217.

CONFERENCES PRESENTATIONS

- Long-Jing Hsu, Swapna Joshi, Natasha Randall, Waki Kamino, Abhijeet Agnihotri, Katherine M. Tsui, Selma Šabanović (2022, March). Co-designing robot interactions with older adults with dementia: A Critical dementia perspective, paper accepted for Inclusive HRI: Equity and Diversity in Design, Application, Methods, and Community workshop at the 2022 ACM/IEEE International Conference on Human-Robot Interaction, 11 March, online (originally Sapporo, Hokkaido, Japan).
- "The impact of social media on social capital and loneliness of older people." 2nd Kyushu- NTU Colloquium, June 2020, Taipei, Taiwan
- Hsu, L. J., Wang, G. Y., Hu, Y. H., Lu, M. H., Lin, Y. H., Lin, W., Yueh, H. P. (2019, October). Investigating older adults' technological needs for social activities, paper accepted for Poster presentation at the 11th International Association of Gerontology and Geriatrics Asia/Oceania Regional Congress, 23-27 October, Taipei, Taiwan.

AWARD

- 2020 Taiwan Communication Survey (TCS) Honorable Mention Paper

May 2020

SCHOLARSHIPS

- Ministry of Education Taiwan- Government Scholarship to Study Abroad
- Luddy Doctoral AI Fellowship
- Distinguished Overseas Chinese Student Scholarship (National Taiwan University)

Aug 2022- Dec 2024

Aug 2021- Dec 2021

Jan 2018- July 2020