Chien-Wen (Tina) Yuan, Ph.D.
Transdisciplinary Bachelor Degree Program
D-School
National Taiwan University
Taipei City, Taiwan
tinayuan@ntu.edu.tw

Education

Ph.D., Communication, Cornell University, Ithaca, NY   2015
Dissertation Title: The Influences of Language and Culture on Social Network Site use and Social Capital Development

Dissertation Committee: Susan Fussell (chair), Lee Humphreys, Jeff Hancock, Pamela Hinds (from Stanford University)

M.A., Communication and Education, Columbia University, New York, NY   2010

Thesis Title: Taiwanese Students' Cultural and Literacy Practices on Facebook
Advisor: Susan Lowes

M.A., Journalism, National Taiwan University, Taipei, Taiwan   2006

Thesis Title: Fashion Consumption, Celebrity Effects, and Audience Reception Analysis
Advisor: Ching-Hwa Chang

B.A., English Language and Literature, National Taiwan Normal University, Taipei, Taiwan   2003

Experience

Professor   2025-
Transdisciplinary Bachelor Degree Program, D-School
National Taiwan University

Associate professor   2023-2025
Transdisciplinary Bachelor Degree Program, D-School
National Taiwan University

Associate professor (with honor)   2021-2023
Graduate Institute of Library and Information Studies,
National Taiwan Normal University

Assistant professor (with honor)   2019-2021
Graduate Institute of Library and Information Studies,
National Taiwan Normal University

Co-PI, SIG-Interaction   2017-
National Taiwan University IoX Center

Updated: Jan 2026

Assistant professor   2017-2019
Department of Advertising and Public Relations, Fu Jen University

Post-doctoral researcher   2015-2017
Pennsylvania State University, State College, PA

Research and Teaching assistant   2010-2015
Cornell University, Ithaca, NY

Teaching assistant   2008-2010
Columbia University, New York, NY

Section assistant   2007-2008
Department of Information and Tourism, Taipei City Government

Financial news editor   2006-2007
cnYes.com, Taipei, Taiwan

Research Interests

- *Human-Computer Interaction & Computer Mediated Communication*:
  interpersonal relationships; online communities; social media; human-AI
  interaction
- *Computer Supported Cooperative Work*:
  social and psychological processes in mediated and distributed
  collaboration; community informatics; health informatics
- *User-Centered Research*:
  user-centered study and design; scenario-based design; participatory
  design

Grant, Awards, Fellowship

- *The NTU Outstanding Scholarly Publications Award*   2025
  National Taiwan University

- *Excellent Young Scholar: 2030 Cross-Generation Young Scholars Program*   2025
  National Science and Technology Council

- *Research Excellence Flexible Pay Award*   2024
  National Taiwan University

- *National Taiwan University Excellence Research Program Core*   2024-2026
  Consortiums: Human-AI Interaction, Co-PI (USD $26,000)
  National Taiwan University

- *"2024 Integrated Project" under the National Key Area International*   2024
  Collaboration Alliance: Promoting Sustainable Well-Being Through
  Innovative Research and Education Initiatives, Co-PI (USD $400,000)
  Ministry of Education

- *Research Grant: Addressing Compulsive Buying Addiction Through User-*   2024
  Centered Design: Uncovering Deceptive Traps in Dark Patterns, PI (USD
  $20,890)
  Ministry of Science and Technology

- *Research Grant: Supporting Transparent and Trustworthy Information Sharing in Agricultural Production and Marketing Systems from Organizational Human Factors and Human-Computer Interaction Perspectives, PI (USD $245,000)*
  Ministry of Science and Technology
  2023

- *Research Grant: NexIS: Next-Generation Intelligent Services with Self-Supervised and Trustworthy Learning Technologies, Co-PI (USD $1,100,000)*
  Ministry of Science and Technology
  2021-2025

- *Three-Year Research Grant: Integrating Social and Community Sensing to Enhance the Impact of Technological Sensing on Long-Term Occupational Health, PI (USD $85,800)*
  Ministry of Science and Technology
  2020-2022

- *Distinguished Professorship for Outstanding Research*
  National Taiwan Normal University
  2020-2022

- *Research Grant: Understanding Knowledge Transfer Within Organizations and How to Provide Technological Support, PI (USD $18,000)*
  Ministry of Science and Technology
  2019

- *Research Grant: Communication Studies: Understanding Co-Creation Practices and Information Technology Needs for Elderly Health, PI (USD $23,400)*
  Ministry of Science and Technology
  2018

- *Travel Fund for International Conference (USD $3,500)*
  Ministry of Science and Technology
  2018

- *Seed Grant (USD $50,000)*
  Institute for CyberScience
  The Pennsylvania State University
  2017

- *Outstanding Teaching Assistant Award*
  College of Agriculture and Life Sciences, Cornell University
  2014

- *Scholarship for Oversea Study ($45,000/year)*
  Ministry of Education, Taiwan, R.O.C.
  2008-2011

- *Rotary Ambassadorial Scholarship ($10,000/year)*
  Rotary International Organization
  2008-2010

- *Rotary Graduate Study Scholarship ($4,000)*
  Chung-Hwa Rotary Educational Foundation
  2004

Teaching

Design for Well-being	2023-
Computer Supported Collaborative Work	2020-2022
New Information Technology and Society	2017-
User-Centered Research and Design	2017-
Research Methods: Qualitative and Quantitative	2019-2023
Communication Theories	2017-2019

Publications

Peer-reviewed publications

   I.   *Proceedings: Information Science/ Human Computer Interaction Fields*
   - ***Professor Period (2025-)***

P17. You, C.-W., Chen, Y.-M., Lin, Y.-C., **Yuan, C. W.**, Bi, N., Lin, H.-W., Wu, H.-W., Peng, S.-H., & Huang, M.-C. (2026). Beyond cues and cravings: Exploring the design of assistive systems for craving perception in drug psychotherapy with VR and biofeedback. *Proceedings of the Annual ACM Conference on Human Factors in Computing Systems* (CHI 2026).

P16. You, C.-W., Lin, H.-W., Chen, H.-A., **Yuan, C. W.**, Bi, N., Chiu, H.-C., Chao, S.-Y., & Huang, M.-C. (2026). Not the right cue for me: Investigating VR cue design and biofeedback integration in drug psychotherapy. *Proceedings of the Annual ACM Conference on Intelligent User Interfaces* (IUI 2026).

   - ***Associate Professor Period (2021-)***

P15. You, C.-W., Chen, H.-A., Chen, P.-C., Lai, W.-N., **Yuan, C. W.**, & Bi, N. (2024). Toward understanding the impact of visualized focus levels in virtual reality on user presence and experience. *Proceedings of the International Conference on Human Computer Interaction with Mobile Devices & Service* (Mobile HCI 2024).

P14. Lee, C. H. & **Yuan, C. W.*** (2024). The hidden toll of instant messaging use in remote work: Interaction dynamics between subordinates and supervisors. *Proceedings of the Annual ACM Conference on Human Factors in Computing Systems* (CHI 2024, acceptance rate 26.4%).

P13. Yuan, C. W.*, Bi, N., Lin, Y.-F., Tseng, Y.-H. (2023). Contextualizing user perceptions about biases for human-centered explainable artificial intelligence. *Proceedings of the annual ACM Conference on Human Factors in Computing Systems* (CHI 2023, acceptance rate 28.39%).

P12. Chen, P.-C., Hung, M.-W., Lu, H.-S., **Yuan, C.W.,** Bi, N., Lee, W.-C., Huang, M.-C., You, C.-W. (2022). This App is not for me: Using mobile and wearable technologies to improve adolescents' smartphone addiction through the sharing of personal data with parents. *Proceedings of the annual ACM Conference on Human Factors in Computing Systems* (CHI 2022, acceptance rate 23%).

P11. Uttarapong, J., LaMastra, N., Gandhi, R., Lee, Y.-H., **Yuan, C. W.,** & Wohn, D. Y. (2022). Twitch users' motivations and practices during community mental health discussions. *Proceedings of the biannual ACM International Conference on Supporting Group Work* (GROUP 2022; Acceptance rate 39.6%).

   - ***Assistant Professor Period (2017-2021)***

P10. You. C.-W.*, **Yuan, C. W.***, Bi, N.*, Hung, M.-W., Huang, P.-C., & Wang, H.-C. (2021). Go gig or go home: Enabling social sensing to share personal data with intimate partner for the health and wellbeing of long-hour workers. *Proceedings of the annual ACM Conference on Human Factors in Computing Systems* (CHI 2021; Acceptance rate 25%).*). [First three authors contribute equally]

P09. Wohn, D. Y., **Yuan, C. W.,** & Siri, J. S. (2021). The many facets of me: Multiple account

management on Reddit. *Proceedings of the annual Hawaii International Conference on System Sciences* (HICSS 2021).

P08. Chen. A., **Yuan, C. W. T.,** Ma, N., Hsu, C.-Y., Hanrahan, B. V. (2019). Navigating ride-sharing regulations: How regulations changed the "gig" of ride-sharing for drivers in Taiwan. *Proceedings of the annual ACM Conference on Human Factors in Computing Systems* (CHI 2019; Acceptance rate 25%).

P07. Binda, J., **Yuan, C.W.**, Cope, N., Park, H., Choe, E.K., & Carroll, J. M. (2018). Supporting effective sharing of health information among intergenerational family members. In *Proceedings of the 12th annual European Alliance for Innovation (EAI) International Conference on Pervasive Computing Technologies for Health Care (PervasiveHealth 2018*). (ACM; Scopus indexed; Acceptance rate 25%)

P06. Ma, N., **Yuan, C. W.**, Ghafurian, M., & Hanrahan, B. V., (2018). Using stakeholder theory to examine drivers' stake in Uber. *Proceedings of the annual ACM Conference on Human Factors in Computing Systems* (CHI 2018; Acceptance rate 25%)

P05. Tu, P-.Y., **Yuan, C.W.,** & Wang, H-.C. (2018). Do you think what I think: Perceptions of delayed instant messages between romantic couples**.** *Proceedings of the annual ACM Conference on Human Factors in Computing Systems* (CHI 2018; Acceptance rate 25%)

- ● *Post-Doc Period (2015-2017)*

P04. Yuan, C. W.*, Kropcinzski, J., Wirth, R., Rosson, M. B., & Carroll, J. M. (2017). Investigating older adults' social networks and coproduction activities for health. In Proceedings of the 11th annual *European Alliance for Innovation (EAI) International Conference on Pervasive Computing Technologies for Health Care (PervasiveHealth 2017*). (ACM; Scopus indexed; Acceptance rate 25%)

P03. Sun, N., **Yuan, C. W.**, Rosson, M. B., Wu, Y., & Carroll J. M. (2017). Critical Thinking in Collaboration: Structure and Activity Awareness. In *Proceedings of the 17th annual IEEE Conference on Advanced Learning Technology* (ICALT 2017).

- ● *Ph.D. Period (2010-2015)*

P02. Huang, A-J., Wang, H-C., & **Yuan, C. W.** (2014). De-Virtualizing social events: Understanding the gap between online and offline participation for event invitations. In *Proceedings of the ACM 2014 Conference on Computer Supported Cooperative Work & Social Computing* (CSCW 2014), (pp.436-448). NY: ACM Press. (Acceptance rate: 27%)

P01. Yuan, C. W.*, Setlock, L., Cosley, D., & Fussell, S.R. (2013). Understanding informal communication in multilingual contexts. In *Proceedings of the ACM 2013 Conference on Computer Supported Cooperative Work* (CSCW 2013), (pp.909-921). NY: ACM Press. (Acceptance rate: 28%)

II. *Journal Articles: Communication & Information Science Fields*
   - ● *Professor Period (2025-)*

J38. Chiu, H.-C., **Yuan, C. W.**, Wohn, D. Y. (2025). Examining uses and acceptance of multiple-account management on Instagram. *Lecture Notes in Computer Science.*

J37. Lee, C.-H., Chiu, H.-C., Lai, T.-C., and **Yuan, C. W.*** (2025). Who has your back? Countering dark patterns in online shopping using interpersonal and AI-delivered support. *International Journal of Human-Computer Studies.*

J36. Lee, Y.-H. & **Yuan, C.W.** (2025). The authenticity paradox of political AI chatbots on voters'

candidate perceptions. *Telematics and Informatics.*

J35. You, C.-W., **Yuan, C. W.**, Bi, N., Lin, H.-W., Lai, W.-N., Lu, H.-S., and Huang, M.-C. (2025). Exploring the design of collaborative technological systems to assist patients in motivating quitting gambling with family members. *Proceedings of the ACM on Human-Computer Interaction (CSCW2025).*

J34. Chen, Y.-M., Wu, I.-H., **Yuan, C.W.**, Bi, N., Chiu, H.-C., Chung, A.-N., Huang, M.-C., and You, C.-W. (2025). Not what I want to log or share: Exploring how to enhance technological support through affordable behavioral self-monitoring and data sharing with key support figures. *Proceedings of the ACM on Human-Computer Interaction (CSCW2025).*

J33. Liu, Y.-P. & **Yuan, C. W.*** (2025). Navigating non-binary experiences: Insights and design implications in Mandarin-speaking Taiwanese online spaces. *Proceedings of the ACM on Human-Computer Interaction (CSCW2025; Diversity, Equity, and Inclusion Award).*

- ***Associate Professor Period (2021-)***

J32. **Yuan, C. W.***, & Huang, A. J. (2025). Viva les fans! Exploring social sourcing for research tasks on social networking sites. *Behaviour & Information Technology*, 1-18.

J31. **Yuan, C. W.***, Tsai, H. Y. S., & Chen, Y. T. (2024). Charting competence: A holistic scale for measuring proficiency in artificial intelligence literacy. *Journal of Educational Computing Research*, *62*(7), 1675-1704.

J30. Hou, T. Y., Tseng, Y. C., & **Yuan, C. W. T.*** (2024). Is this AI sexist? The effects of a biased AI's anthropomorphic appearance and explainability on users' bias perceptions and trust. *International Journal of Information Management*, *76*, 102775.

J29. Lee, Y. H., & **Yuan, C. W. T.*** (2023). I'm not a puppet, I'm a real boy! Gender presentations by virtual influencers and how they are received. *Computers in Human Behavior*, *149*, 107927.

J28. **Yuan, C. W.*,** Tseng, Y. C., & Strong, C. (2023). Understanding and Designing Multi-level Preventive Medication Support Against HIV for Men who Have Sex with Men in Taiwan. *Proceedings of the ACM on Human-Computer Interaction*, *7*(CSCW2), 1-30. *(Diversity & Inclusion Award).*

J27. Lee, Y. H., **Yuan, C. W.*,** & Bi, N. (2023). Investigating social presence in "In Real Life" streaming for community building. *New Media & Society*, *27*(1), 379-403.

J26. You, C. W., Hung, M. W., Hou, C. T., Ho, C. J., **Yuan, C. W.**, Bi, N., & Huang, M. C. (2023). Trigger or Treat: Using Technology to Facilitate the Perception of Cravings and Corresponding Cues for Achieving Clinical-friendly Drug Psychotherapy. *Proceedings of the ACM on Human-Computer Interaction*, *7*(CSCW1), 1-26.

J25. Yang, S., Hung, M.-W., **Yuan, C. W.**, Chiu, C.-C., Huang, M.-C., You, C.-W. (2023). Mind and body: The complex role of social resources in understanding and managing depression in older adults. *Proceedings of the ACM on Human-Computer Interaction (CSCW 2023).*

J24. **Yuan, C. W.*,** Bi, N., Lin, Y. F., Lu, A. P., & Chiang, T. W. (2023). Farm to table: Understanding collaboration and information practices among stakeholders in the process of produce production, sales, and consumption. *Proceedings of the ACM on Human-Computer Interaction*, *7*(CSCW1), 1-29.

J23. Chen, G.-M. & **Yuan, C. W.** (2022). Multimodal e-book co-reading practices between parents and children. *Journal of Educational Media & Library Sciences, 59*(3), 277-310. 陳冠銘、袁千雯（2022）。以不同形式電子書為媒介的親子共讀閱讀行為研究。*教育資料與圖書館學*，*59* (3), 277-310。

J22. Yuan, C. W.*, & Lee, Y. H. (2023). Examining different viewer engagement patterns for social capital on streaming communities. *Social Science Computer Review*, *41*(6), 2055-2072.

J21. Yuan, C. W.*, & Bi, N. (2023). Too close to lie to you: investigating availability management on multiple communication tools across different social relationships. *Library Hi Tech*, *41*(3), 877-902.

J20. Wu, H. J., Yu, Y. F., Ku, S. W. W., Tseng, Y. C., **Yuan, C. W.**, Li, C. W., ... & Strong, C. (2022). Usability and effectiveness of adherence monitoring of a mobile app designed to monitor and improve adherence to event-driven and daily HIV pre-exposure prophylaxis among men who have sex with men in Taiwan. *Digital health*, *8*, 20552076221102770.

J19. Hung, M. W., **Yuan, C. W.**, Bi, N., Chen, Y. C., Lee, W. C., Huang, M. C., & You, C. W. (2022). To use or abuse: opportunities and difficulties in the use of multi-channel support to reduce technology abuse by adolescents. *Proceedings Of The ACM On Human-Computer Interaction, 6*(CSCW1), 1-27.

J18. Yuan, C. W.*, & Lee, Y. H. (2022). Connecting and being connected: investigating friending practices across multiple social networking sites. *Information Technology & People, 35*(3), 1096-1115.

- ***Assistant Professor Period (2017-2021)***

J17. Strong, C., Wu, H. J., Tseng, Y. C., **Yuan, C. W.,** Yu, Y. F., Liao, J. C., ... & Ko, N. Y. (2020). Mobile app (UPrEPU) to monitor adherence to pre-exposure prophylaxis in men who have sex with men: Protocol for a user-centered approach to mobile app design and development. *JMIR Research Protocols, 9*(12), e20360.

J16. Lee, Y.-H., **Yuan, C. W.,** & Wohn, D. Y. (2020). How video streamers' mental health disclosures affect viewers' risk perceptions. *Health Communication.* (SSCI indexed)

J15. Lee, Y.-H. & **Yuan, C. W.** (2020). The privacy calculus of "friending" across multiple social media platforms. *Social Media + Society, 6*(2), 1-10*.* (SSCI indexed)

J14. Yuan, C. W.* (2020). Investigating culture as a precedent factor for dual social network site use and social capital development. *Lecture Notes in Computer Science.*

J13. Yang, C. L., **Yuan, C. W. T**., Wang, T. Y., & Wang, H. C. (2019). When knowledge network is social network: Understanding collaborative knowledge transfer in workplace. *Proceedings of the ACM on Human-Computer Interaction, 164*.

J12. Hanrahan, B.V., **Yuan, C.W.,** Rosson, M.B., Beck, J., & Carroll, J.M. (2019). Materializing interactions with paper prototyping: A case study of designing social, collaborative systems with older adults. *Design Studies, 64*, 1-26.

J11. Yang, C. L., **Yuan, C. W. T**., Wang, T. Y., & Wang, H. C. (2018). Knowing that you know what I know helps?: Understanding the effects of knowledge transparency in online knowledge transfer. *Proceedings of the ACM on Human-Computer Interaction, 2(CSCW 2018; Acceptance rate 26%; **Honorable Mention Award**), 189.*

J10. Yuan, C. W.*, Hanrahan, B.V., Lee, S., Rosson, M. B., & Carroll, J. M. (2017, online first). I didn't know that you knew I knew: Investigating collaborative shopping between people with visual impairment and people with vision. *Proceedings of the ACM on Human Computer Interaction (*CSCW 2018; Acceptance rate 27%*).*

J09. Yuan, C. W.*, Hanrahan, B. V., & Carroll, J. M. (2018). Not just give and take: Assessing timebanking adoption with Technology Acceptance Model. *Information Technology & People.* (SSCI indexed)

J08. Diaz, P., Bellucci, A., **Yuan, C. W**., & Aedo, I. (2018). Augmented experiences in cultural

spaces through social participation. *Journal of Computing and Cultural Heritage*. (A&HCI indexed)

J07. Yuan, C. W.*, Hanrahan, B. V., Rosson, M. B., & Carroll, J. M. (2018). Coming of old age: Co-production activities that enhance health of older adults. *Behaviour & Information Technology, 37*(3), 232-246*.* (SSCI indexed)

J06. Yuan, C. W.*, Hanrahan, B.V., & Carroll, J. M. (2018). Is there social capital in service exchange tools?: Investigating timebanking use and social capital development. *Computers in Human Behavior,* 81, 274-281*.* (SSCI indexed)

- ● *Post-Doc Period (2015-2017)*

J05. Chen, J., Hanrahan, B. V., **Yuan, C. W.**, & Carroll, J. M. (2017, online first). Capturing community in mobility: Mobile methods for community informatics. *Mobile Media & Communication*. (Scopus indexed)

J04. Yuan, C. W.*, Hanrahan, B. V., Lee, S., Rosson, M. B., & Carroll, J. M. (2017, online first). Constructing a holistic view of shopping with people with visual impairment: A participatory design approach. *Universal Access in the Information Society*. (SCI, SSCI indexed)

J03. Yuan, C. W.*, & Fussell, S. R. (2017). A tale of two sites: Dual social network site use and its influence on social network development. *Computers in Human Behavior, 74,* 83-91. (SSCI indexed)

J02. Carroll, J. M., Chen, J., **Yuan, C. W.**, & Hanrahan, B. V. (2016). In search of co-production: Smart services as purely reciprocal. *IEEE Transactions on Computer*, 26-32. (SCI indexed)

J01. Yuan, C. W.*, Hanrahan, B. V., Lee, S., & Carroll, J. M. (2015). Designing equal participation in informal learning for people with visual impairment. *Interaction Design & Architecture(s), 27*, 93-106. (Scopus indexed)

Books

B04. 袁千雯（2021）。人機互動、社群運算與科技輔助協同合作研究發展與趨勢。在吳美美（主編），圖書資訊學研究回顧與前瞻 2.0（頁 444-467）。元華文創。

B03. Yuan, C.W. (2015). *The influences of language and culture on social network site use and social capital development*. Cornell University.

B02. Strinati, D. (2005). *An introduction to theories of popular culture* (**C. W. Yuan**, et al. Trans.). Taipei: Weber Publication. (Original work published 2004: 通俗文化理論：韋伯文化)

B01. Edgell, S. (2008) *The sociology of work: Continuity and change in paid and unpaid work.* (**C. W. Yuan**, et al. Trans.). Taipei: Weber Publication. (Original work published 2006: 工作社會學導讀：韋伯文化)

Refereed conference presentations
- ● *Professor Period (2025-)*

C46. Zhou, H., Ponti, A., Bravo, D., Lai, T.C., Chiu, H.-C., Lee, C. H., **Yuan, C. W.,** Wohn, D. (2026). Faceless Portraits: Understanding Motivations for Not Showing Faces in Digital Self-Presentation *Presented at the Annual Meeting of the International Communication Association* (ICA 2026). *Cape Town, South Africa.*

- ● *Associate Professor Period (2021-)*

C45. Lee, Y.-H. & **Yuan, C.W.** (2025). The Authenticity Paradox: How Political AI Chatbots affect Voters' Candidate Perception. *Presented at the Annual Meeting of the International Communication Association (ICA 2025). Denver, CO, U.S.A.*

C44. Lin, Y.-C., Chen, Y.-M., Chuang, C.-C., **Yuan, C.W.**, Bi, N., Chang, H.-M., Huang, M-C., You, C.-W. (2025). Using the Kano Method to Evaluate Features of Chatbot-Based Technological Support for Recovery from Alcohol Use Disorder. *Proceedings of the extended abstracts of the 41st Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2025 EA), Okinawa, Japan*

C43. Ponti, A., **Yuan, C.W.,** Wohn, Y. D. (2025). Motivations for taking selfies on Instagram. In Companion Publication of the 2024 Conference on *ACM International Conference on Supporting Group Work* (GROUP 2025 EA).

C42. Chen, Y.-T., Tsai, H.-Y., & **Yuan, C.W.** (2024). Exploring how users attribute responsibilities across different stakeholders in human-AI interaction. In Companion Publication of the 2024 Conference on *Computer Supported Cooperative Work and Social Computing* (CSCW2024 EA).

C41. Lin, H.-W., Lin, C.-H., Huang, C.-H., Chen, H.-A., Chiu, H.-C., **Yuan, C. W.**, Bi, N., Chao, S.-Y., Jheng, Z.-Y., Lin, C., Huang, M.-C., You, C. (2024). Navigating the design implications for integrating virtual-reality cues clinically in drug psychotherapy. *Proceedings of the extended abstracts of the 41st Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2024 EA), Hawaii, U.S.A.*

C40. Chiu, H.-C., **Yuan, C. W.,** & Wohn, D. Y. (2024). User acceptance of multiple accounts management on SNS: A technology acceptance model perspective. *Presented at the Annual Meeting of the International Communication Association (ICA 2024). Gold Coast, Australia.* **(Top Paper Award at the Communication & Technology Division)**

C39. Qiu, X.-Z., **Yuan, C. W.**, Bi, N., Huang, M.-C., & You, C.-W. (2023). Exploring the challenges and opportunities in developing systems to improve alcohol use disorder through chatbot technology. *Proceedings of the extended abstracts of the 41st Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2023 EA), Hamburg, Germany.*

C38. Bi, N., Lu, A.-P., & **Yuan, C. W.*** (2023). Understanding farmers' expectations and experiences in using sensor technologies. *Proceedings of the extended abstracts of the 41st Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2023 EA), Hamburg, Germany.*

C37. Tseng, Y.-C. & **Yuan, C. W.*** (2023). Investigating perceived message credibility and detection accuracy of fake and real information across information types and modalities. *Proceedings of the extended abstracts of the 41st Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2023 EA), Hamburg, Germany.*

C36. Lee, Y.-H. & **Yuan, C. W.** (2023). Gender and authenticity performance by virtual influencers and how they are received. *Presented at the Annual Meeting of the International Communication Association (ICA 2023). Toronto, Canada.*

C35. Bi, N., **Yuan, C. W**., & Lee, Y.-H. (2023). More is not necessarily merrier: The moderating role of loneliness in the effects of bandwagon cues on audience's perception of the streaming experience. *Presented at the Annual Meeting of the International Communication Association (ICA 2023). Toronto, Canada.*

C34. Tseng, Y.-C., Bi, N., Chang, Y.-J., & **Yuan, C.W.*** (2023). Investigating the correction effects of debunking information to misinformation across different modes. *Presented at the Annual Meeting of the International Communication Association (ICA 2023). Toronto, Canada.*

C33. Tseng, Y.-C., Bi, N., Chang, Y.-J., & **Yuan, C.W.*** (2022). Investigating correction effects of different modalities for misinformation about COVID-19. In Companion Publication of the 2022 Conference on *Computer Supported Cooperative Work and Social Computing* (CSCW2022 EA) (pp. 54-58).

C32. Liu, L.-C., Kao, Y.-H., **Yuan, C.W.,** Bi., N., Chung, A. N., Huang, M.-C., & You, C.-W. (2022). Exploring challenges and opportunities in developing systems to improve shopping addiction through social sensing technology. *Presented at the Annual ACM Conference on Computer Supported Collaborative Work and Social Computing (CSCW 2022 EA), Virtual Conference.*

C31. Chiu, H.-C. & **Yuan, C.W.*** (2021). To last long or to fade away: Investigating users' Instagram post and story practices*. Presented at the Annual ACM Conference on Computer Supported Collaborative Work and Social Computing (CSCW 2021 EA), Virtual Conference.*

C30. Hung, M.-W., Ho, C.-J., Hou C.-T., Lu, H.-S., **Yuan, C.W.,** Bi, N., Liu, S.-W., Huang, M.-C., & You, C.-W. (2021). Challenges and opportunities in developing systems to assist patients in recovering from gambling addiction. *Presented at Annual ACM International Conference on Pervasive and Ubiquitous Computing (UbiComp 2021 EA), Virtual Conference*.

C29. Chen, P.-C., Hung, M.-W., Lu, H.-S., **Yuan, C.W.,** Bi, N., Lee, W.-C., Huang, M.-C., & You, C.-W. (2021). TechLifeProbe: A technology prototype to probe how data sharing with adolescents' parents improves their technology abuse through mobile phones. *Presented at Annual ACM International Conference on Pervasive and Ubiquitous Computing (UbiComp 2021 Demo), Virtual Conference*.

- *Assistant Professor Period (2017-2021)*

C28. Hung, M.-W., Hou, C.-T., Ho, C.-J., **Yuan, C.W.,** Bi, N., Chen, S.-H., Huang, M.-C., & You, C.-W. (2021). Exploring the opportunities and challenges of enabling clinical-friendly drug psychotherapy with virtual reality and biofeedback technologies. *Proceedings of the extended abstracts of the 39th Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2021 EA), Virtual.*

C27. Yuan, C. W.* & Lee, Y.-H. (2021). Examining different engagement patterns and social capital in live streaming communities. *Presented at the Annual Meeting of the International Communication Association (ICA 2021). Virtual Conference.*

C26. Hung, M.-W., **Yuan, C. W.,** Chen, Y.-H., Bi, N., Lee, W.-C., Hung, M.-C., & You, C.-W. (2020). Leveraging family force to assist adolescent patients in the treatment of technology abuse. *Presented at Annual ACM International Conference on Pervasive and Ubiquitous Computing (UbiComp 2020 EA), Virtual Conference*.

C25. Yong, S., Hung, M. -W., **Yuan, C.W.,** Chiu, C.-C., Huang, M.-C., You, C.-W. (2020). Attitudes toward health and communication in depressed older adults. *Presented at the Annual ACM Conference on Computer Supported Collaborative Work and Social Computing (CSCW 2020 EA), Virtual Conference.*

C24. Yuan, C.W.* & Bi, N. (2020). Too close to lie to you: Investigating availability management across different social relationships. *Presented at the Annual Meeting of the International Communication Association (ICA 2020). Gold Coast, Australia (Virtual Conference).*

C23. Lee, Y.-H., **Yuan, C. W.,** & Wohn, D. Y. (2020). Video streamers' mental health disclosure and viewers' health perceptions. *Presented at the Annual Meeting of the International Communication Association (ICA 2020). Gold Coast, Australia (Virtual Conference).*

C22. 蔡琰、臧國仁、袁千雯 、許勝欽、羅彥傑（2019）。*中華傳播學會專題座談：學術論文（scholarly writing）之寫作與投稿：學習者之觀點。*

C21. You, C.-W., Lin, H.-Y., Shih, L.-H., Chuang, Y., **Yuan, C.W**., & Wang, H.-C. (2019). Using sensing technologies, self-reported information, and interpersonal observations to promote health and well-being in the workplace. *Presented at Annual ACM International Conference on Pervasive and Ubiquitous Computing (UbiComp 2019 EA), London, UK.*

C20. Lee, Y.-H., & **Yuan, C. W.** (2019). The privacy calculus of "friending" across multiple social media platforms. *Presented at the Annual Meeting of the International Communication Association (ICA 2019). Washington DC, U.S.A.*

C19. Yuan, C.W.*, Liu, Y.-H., Wang, H.-C., & Tseng, Y.-C. (2019). Gender effects on collaborative online teamwork: Using creative group brainstorming as an example. *Proceedings of the extended abstracts of the 37th Annual ACM CHI Conference on Human Factors in Computing Systems (CHI 2019 EA), Glasgow, UK.*

C18. Natalie, R., **Yuan, C.W.,** & Wang, H.-C. (2018). Sojourners' information seeking through interpersonal sources for cultural adaptation. *Presented at the Annual ACM Conference on Computer Supported Collaborative Work and Social Computing (CSCW 2018 EA), New York, New York, U.S.A.*

C17. Natalie, R., **Yuan, C.W.,** & Wang, H.-C. (2018). Understanding information seeking behavior among international students for adaptation. *Presented at the sixth International Symposium of Chinese CHI (Chinese CHI 2018), Montreal, Canada.*

C16. Yuan, C. W.* & Lee, Y.-H. (2018). An affordance approach to friending practices on multiple social network site. *Presented at the Annual Meeting of the International Communication Association (ICA 2018). Prague, Czech.*

- ***Post-Doc Period (2015-2017)***

C15. Lee, S., **Yuan, C. W.**, Hanrahan, B. V., Rosson, M. B., & Carroll, J. M. (2017). Reaching out: Investigating different modalities to help people with visual impairments acquire items. *Presented at the 19th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'17).*

C14. Hanrahan, B. V., Ma, N., **Yuan, C. W.** (2017). The roots of bias on Uber. *Presented at the annual Conference on European Computer Mediated Coordinated Work (ECSCW 2017).*

C13. Yuan, C. W.*, Hanrahan, B. V., Wirth, R. J., Rosson, M. B., & Carroll, J. M. (2017). We are healthier together: Designing for technology-mediated health coproductions by older adults. *Presented at the 11th annual European Alliance for Innovation (EAI) International Conference on Pervasive Computing Technologies for Health Care (PervasiveHealth 2017).*

C12. Binda, J., Cope, N., Park, H., **Yuan, C. W.**, Carroll, J. M., Choe, E. K. (2017). Intergenerational sharing of health data among family members. *Presented at the 11th annual European Alliance for Innovation (EAI) International Conference on Pervasive Computing Technologies for Health Care (PervasiveHealth 2017).*

C11. Yuan, C. W.*, & Fussell, S. R. (2017). Till sites do us part: Investigating sub-networks on social network sites as social capital sources and influences on sociocultural adaptation. *Presented at the Annual Meeting of the International Communication Association (ICA 2017). San Diego, CA, U.S.A.*

C10. Sun, N., **Yuan, C. W.,** Rosson, M. B., Wu, Y., & Carroll J. M. (2017). Critical Thinking in Collaboration: Structure and Activity Awareness. *Proceedings of the extended abstracts of the 35th annual ACM CHI Conference on Human Factors in Computing Systems (CHI EA),*

Denver, CO, USA

C09. Wirth, R. J., **Yuan, C. W.,** Hanrahan, B. V., Binda, J., Rosson, M. B., Carroll, J. M. (2016). Exploring interactive surface designs for eliciting social activity from elderly adults. *Presented at the ACM Annual Meeting of the Interactive Surfaces and Spaces (ISS 2016). Niagra Falls, ON, Canada.*

C08. Yuan, C. W.*, Huang, A-J., & Wang, H-C. (2015). Bridging gaps between online and offline participation: Understanding the technological and social dimensions of technology use. *Presented at the Annual Meeting of the National Communication Association (NCA 2015). Las Vegas, NV, U.S.A.*

C07. Yuan, C. **W**.*, & Fussell, S.R. (2015). Social capital split: International students' dual social network site use and its Influences on social capital. *Presented at the Annual Meeting of the International Communication Association (ICA 2015). San Juan, Puerto Rico, U.S.A.*

- *Ph.D. Period (2010-2015)*

C06. Yuan, C.W.*, Setlock, L. D., & Fussell, S. R. (2014). International students' use of Facebook versus a home country site. *Proceedings of the extended abstracts of the 32nd annual ACM conference on Human factors in computing systems (CHI 2014 EA) (pp. 2101-2106). NY: ACM Press.*

C05. Yuan, C. **W.***, Setlock, L., & Fussell, S.R. (2014). Context separated: International students' use of Facebook vs. a home country site. *Presented at the Annual Meeting of the National Communication Association (NCA 2014). Chicago, IL, U.S.A.*

C04. Yuan, C. W.* (2014). The influences of language and culture on social network site use and social capital development. Doctoral Consortium, *Division of Communication and Technology at the International Communication Association. Presented at the Annual Meeting of the International Communication Association (ICA 2014). Seattle, WA, U.S.A.*

C03. Yuan, C. **W.***, Setlock, L., & Fussell, S.R. (2014). Wrestling with languages: Informal interaction and language negotiation in a non-English dominant environment. *Presented at the Annual Meeting of the International Communication Association (ICA 2014). Seattle, WA, U.S.A.*

C02. Xu, B., **Yuan, C.W.**, Fussell, S. R., & Cosley, D. (2014). SoBot: Facilitating conversation using social media data and a social agent. *[Demonstration] CSCW Companion: Proceedings of the companion publication of the 17th ACM conference on Computer supported cooperative work & social computing (pp. 41-44). NY: ACM Press.*

C01. Rabbi, M., **Yuan, C.W.,** & Kaipainen, K. (2013). Seize the moment: An exploratory study to identify opportune moments in everyday life to promote healthy eating. *Presented at the International Society for Behavioral Nutrition and Physical Activity 2013.*

Invited Talks

"Design for Well-being" Invited Workshop, *LINE Fresh, Taiwan*	12, 2025
"Design for Well-being" Invited Workshop, *Kyushu University, Japan*	12, 2025
"Human-Centered Femtech" —*Menstruation: Theory, Trends, and Activism* Course, Invited lecture, *National Taiwan University*	11, 2025
"Understanding and designing for health." Invited lecture, Master Program in Smart Medicine and Health Informatics, *National Taiwan University*	10, 2025
"Understanding and designing for health." Invited lecture, Department of Industrial Enginnering, *National Taipei University of Technology*	10, 2025

"Designing Trustworthy AI: Human-AI Interaction at the Intersection of Bias and Explainability" -- Invited talk, *Academia Sinica*	08, 2025
"Human-Centered Femtech" — Invited Lecture, *Menstruation: Theory, Trends, and Activism* Course, *National Taiwan University*	11, 2024
"From Information and Media Literacy to AI Literacy." Invited Lecture, Graduate Institute of Library and Information Studies, *National Chung Hsing University*	04, 2024
"Human-AI interaction and innovative library service." Invited talk, *National Taiwan University Medical Library*	12, 2023
"Understanding and designing for health." Invited lecture, *National Chengchi University*	11, 2023
"Innovative Technologies in the Medical Fields." Invited talk, *National Taiwan University, Medical School*	07, 2022
"Collaborative Technologies" Invited talk, *Industrial Engineering and Management Program, Ministry of Science and Technology*	12, 2021
"Understanding and designing for health." Invited lecture, *National Yang Ming Chiao Tung University*	04, 2021
"Qualitative Data Analysis-UX Basics" Invited lecture, *Taiwan User Experience Professional Association*	11, 2020
"Computer Supported Cooperative Work." Invited lectures, *Academia Sinica Taiwan International Graduate Program, TIGP*	05, 2020
"We are healthier together: coproducing health among older adults. " Invited talk, *National Yang Ming Chiao Tung University*	05, 2019
"Designing coproduction activities for older adults." Invited talk, *National Taiwan University of Sciences and Technology*	06, 2018
"Timebanking and co-production activities." Course taught, *Osher Lifelong Learning Institute, Pennsylvania State University*	07, 2016
"Social network site use and technological support." Invited lecture, *COMM/INFO 4450, Cornell University*	03, 2016
"Social network site use and technological support." Invited lecture, *COMM/INFO 4450, Cornell University*	03, 2015
"How to ask good research questions." Invited panelist, *COMM 3400, Cornell University*	01, 2015
"Understanding informal communication & design ideas." Invited talk, *National Tsing Hua University*	12, 2014
"Understanding informal communication." Invited talk, *World Usability Day, Cornell University*	11, 2014
"Basic concepts in communication research." Invited lecture, *COMM 2820, Cornell University*	08, 2014
"Statistical techniques used in communication research." Invited lecture, *COMM 3400, Cornell University*	04, 2014
"SoBot: Facilitating conversation using social media data and a social agent." Invited demo, COMM/INFO 4450, Cornell University	04, 2014
"Social network site use and social network development." Invited lecture, *COMM/INFO 4450, Cornell University*	03, 2014

Professional memberships

International Communication Association (ICA)	2013-

Computer Supported Collaborative Work (ACM CSCW)	2012-
National Communication Association (NCA)	2014-
Human Computer Interaction (ACM CHI)	2014-
Taiwan Association of Computer-Human Interaction (TAICHI)	2018-
Ergonomics Society of Taiwan	2020-

Professional Service (Domestic and International)

* Reviewer

ACM CSCW (60 papers)	2013-
ACM CHI (50 papers)	2013-
ICA (25 papers)	2014-
TAICHI (10 papers)	2016-
ACM GROUP, MobileHCI, DIS, UIST (25 papers)	2019-
International Journal of Qualitative Methods (1 paper)	2016-
The Journal of Information Society (1 paper), Internet Research (1 paper), Communication Research (1 paper), Library Hi-Tech (3 papers),	2018-
Grant proposal reviews, National Science and Technology Council (50)	2017-
Journal of Interactive Advertising, International Journal of Human-Computer Interaction, 設計學報	2025

* Editor/Program committee/ Organizing committee

Registration Chair: Mobile HCI	2019
Awards Co-Chair: CSCW	2022
Paper/Journal Co-Chair: ECSCW	2023
Associate Chair/Program Committee: CHI, CSCW, GROUP, TAICHI Editor: Journal of Library and Information Science	2019-
Editorial board member: Library Hi-Tech	2020-
Senior Associate Chair: CSCW	2025

* Committee Service in Academic Institutions and Organizations

Senior Program Committee, Awards Committee, ACM CSCW	2025
Secretary General, Ergonomics Society of the Republic of China (Taiwan)	2023-2025
President, ASIS&T Taipei Chapter (Association for Information Science and Technology, USA)	2022-2023
Vice President, ASIS&T Taipei Chapter (Association for Information Science and Technology, USA)	2021-2022
Council member, TAICHI	2020-2023
Planning Committee Member, Subdivision on Emerging Technologies and Frontier Topics, Department of Engineering and Technology, National Science and Technology Council	2020-2022
Curriculum Planning Committee Member, Chinese Association of Library and Information Science Education (CALISE)	2020-2022
Board member, Library Association of the Republic of China (Taiwan)	2019-2021
Steering committee member, ACM CSCW	2018-2022

Committee member, Council of International Academic Interactions, FJU	2017
Committee member, Center for International Research and Development, College of Communication, FJU	2017

Professional skills

Proficient in quantitative data analysis with SPSS, LISREL, Mplus, and AMOS

Proficient in qualitative data analysis with Atlas.ti

Extensive experience in qualitative methods like field work and interview

Extensive experience in quantitative survey and experiment design

Participatory design, scenario-based design skills

Certification and Licensure

Professor's Certificate, Ministry of Education, Taiwan	2025
Associate Professor's Certificate, Ministry of Education, Taiwan	2021
Assistant Professor's Certificate, Ministry of Education, Taiwan	2017
Certificate of Civil Service as Government Public Servant, Ministry of Examination, TW	2009
Certified Teaching Chinese as Second-Language, Ministry of Education, Taiwan	2008
Teacher's Certificate in Teaching High-School English, MoE, Taiwan	2006

Advised Students

Ming-Chen Hsieh, Yu-Hsuen Lu, En-Chi Lou National Taiwan Normal University	Class 2024
Pao-Tang Yang, Kuan-Ming Chen, Jianing Xie, Jia-Rong Tsou, Tsu-Yen Ding National Taiwan Normal University	Class 2021
Shao-Yu Liu, Department of Computer Science and Information Engineering, National Taiwan University of Science and Technology Co-advised with Dr. Bing-Yu Chen	Class 2020
Chi-Lan Yang, Institute of Learning Sciences and Technologies, National Tsing- Hua University Co-advised with Dr. Hao-Chuan Wang	Class 2018
Rosiana Natalie, Department of Computer Science, National Tsing-Hua University, Co-advised with Dr. Hao-Chuan Wang	Class 2018
Pei-Yun Tu, Department of Computer Science, National Tsing-Hua University, Co-advised with Dr. Hao-Chuan Wang	Class 2017