Chun-Han Ariel Wang

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https://ariel-w.com
Google Scholar🔗

Research Interest

My research is at the intersection of Human-Computer Interaction (HCI), health, and Computer-Supported Cooperative Work (CSCW), with a particular focus on teenagers and participatory design. I study how teens engage with social media and data-driven technologies around health and wellness, and how they can be involved as co-designers of future technologies. Across online and offline everyday contexts, I am especially interested in designing with young people to understand their needs, values, and boundaries, and in reimagining technologies to better support underserved communities.

Education

University of California, Santa Cruz — 2021 — 2027 (Expected)
PhD Candidate, Computational Media

Indiana University Bloomington — 2021 — 2023
MS, Informatics, PhD in Informatics

National Taiwan University of Science and Technology — 2017 — 2020
MDes, Design; Thesis: A Study on the User Interface Design of Financial Mobile Application for Millennials from the Perspective of Service Design

Taipei Medical University — 2013 — 2017
BS, Dental Technology

Publication

Peer-reviewed Publications

[P-5] **Envisioning Future Food, Technology, and Health: Teens' Perspectives Through Design Fiction** — 2026
Chun-Han Ariel Wang, Sol Eunsol Choi, Norman Makoto Su, Chia-Fang Chung
CHI 2026. Acceptance rate: 25.3%

[P-4] **Small Stories with Food Allergy on TikTok: Design Opportunities for Social Technologies Supporting Health** — 2026
Chun-Han Ariel Wang, Madeleine Pintor, Norman Makoto Su, Chia-Fang Chung
ACM Health 2026.

[P-3] **"It's Too Much On Top of Your Own Food Drama": Exploring Food Allergy Identity and Experience Through Social Media** — 2025
Chun-Han Ariel Wang, Elizabeth Kaziunas, Chia-Fang Chung
CHI 2025 (Article 959), 18 pages. Acceptance rate: 29.4%

[P-2] **From Viral Content to Real-Life Cuisine and Beyond: Examining Teenagers' Interactions with TikTok Food Videos and the Influence on their Food Practices** — 2024
Chun-Han Ariel Wang, Stephen Tsung-Han Sher, Chia-Fang Chung
PACM. Human-Computer Interaction 2024; 8(CSCW2), 30 pages.

[P-1] **Understanding Fraudulence in Online Qualitative Studies: From the Researcher's Perspective** — 2024
Aswati Panicker, Novia Nurain, Zaidat Ibrahim, **Chun-Han (Ariel) Wang**, Seung Wan Ha, Yuxing Wu, Kay Connelly, Katie A. Siek, Chia-Fang Chung
CHI 2024 (Article 824), 17 pages. Acceptance rate: 26.4%

Lightly Reviewed Publications

[L-5] **Co-Designing Social Media that Support Teen Well-Being and Healthy Habits** 2026
Chun-Han Ariel Wang, Yuxing Wu, Chia-Fang Chung
Journal of Adolescent Health 78 (3)

[L-4] **Healthy Eating, Identities, and Design Opportunities in Social Media Spaces** 2025
Chun-Han Ariel Wang
Doctoral Consortium, ACM CSCW 2025.

[L-3] **Teenagers and AI on Social Media** 2023
Chun-Han (Ariel) Wang, Chia-Fang Chung
Workshop on Child-Centered AI Design (CCAI), CHI 2023

[L-2] **"TikTok Made Me Do It": Teenagers' Perception and Use of Food Content on TikTok** 2022
Chun-Han Wang, Stephen Tsung-Han Sher, Kelly Janek, Isabela Salman, Chia-Fang Chung
Work-in-Progress, Interaction Design and Children (IDC) 2022, 458-463

[L-1] **Buzz! Deepening Human Connection to Plants Through Technology** 2022
Leigh Levinson, **Chun Han (Ariel) Wang**, Long-Jing Hsu.
International Conference on Human-Robot Interaction (HRI'22).

Public-facing Articles

[M-3] **Life with Food Allergies: What It Really Looks Like On Social Media (and Offline)** 2025
[Published in UCSC HCI on Medium]
https://medium.com/ucsc-hci/life-with-food-allergies-what-it-really-looks-like-on-social-media-and-offline-8d063969337f

[M-2] **From TikTok to Cuisines: Teens, Food Content, and Health** 2024
[Published in ACM-CSCW on Medium]
https://medium.com/acm-cscw/from-tiktok-to-cuisines-teens-food-content-and-health-41391a513a38

[M-1] **Did My Participant Lie? What to Do When We Get "Fraud" Research Participants** 2024
https://medium.com/@ariewang/did-my-participant-lie-how-to-handle-fraudulent-research-data-9797d225d3b6

Organized Workshop

[O-1] **Forms of Fraudulence in Human-Centered Design: Collective Strategies and Future Agenda for Qualitative HCI Research** 2024
Aswati Panicker, Novia Nurain, Zaidat Ibrahim, **Chun-Han (Ariel) Wang**, Seung Wan Ha, Elizabeth Kaziunas, Maria K Wolters, Chia-Fang Chung

Research Experience

PhD Student Researcher | University of California, Santa Cruz

Exploring teens' envisioning of future food and health technologies 2025
Faculty Advisor: Dr. Norman Makoto Su and Dr. Christina Chung | Publication: [P-5]

- Led a series of co-design and design fiction workshops with 20 teenagers, envisioning what future technologies for food and reflecting on healthy eating would look like.

Understanding how Individuals with Food Allergies Use Social Media 2023 - 2024
Faculty Advisor: Dr. Christina Chung | Publication: [P-3], [P-4], [M-3]

- Led an interview study with people with food allergies who use social media to express themselves, manage health and find support.
- Led video analysis study on how people use TikTok to design videos about food allergies.

PhD Student Researcher | Indiana University

Exploring Teenagers' Use of TikTok and Their Healthy Eating Habits 2021 - 2022
Faculty Advisor: Dr. Christina Chung | Publication: [P-2], [L-2], [M-2]
- Led research on how teens watch and use short-videos about food on TikTok to shape their healthy eating behaviors through surveys and interviews.

Researcher | Taiwan Design Research Institute Research & Development Division 2020- 2021
- Led systemic design research to inform national policies, using participatory design workshops and expert interviews for both the public and private sectors, collaborating with stakeholders to craft actionable strategies for the design industry.
- Conducted large-scale survey research (n=10,000+) and 20+ expert interviews to analyze industry trends and identify opportunities to support and promote the design industry.
- Organized and facilitated the International Design Policy Roundtables on best practices, challenges, and failed cases in design-led policymaking with policy design experts around the world.
- Communicated findings via infographics, presentations, and reports tailored to policy makers and technical audiences.

Selected Media Coverage

UCSC Study looks into Tiktok Cooking
Mickey Adams. KION News. June 25 2025
https://kion546.com/news/2025/06/25/ucsc-study-looks-into-tiktok-cooking/

A fresh look at TikTok: short food videos encourage long-term healthy eating habits in teens Emily Cerf. UCSC News. June 16 2025
https://news.ucsc.edu/2025/06/tiktok-healthy-eating-teens/

Work Experience

Taiwan Design Research Institute 2020 — 2021
Research & Development Division Researcher
Policy & Communication Section Project Manager

Unblock 2018 — 2019
UX Designer
Designed the user experience and user interface of the company's cryptocurrency tracking system

Honors and Awards

Dissertation Fellowship, UCSC	2025
Diversity Innovation Fellow, UCSC	2025
Graduate Pedagogy Fellow, UCSC	2024
Human-Robot Interaction Design Competition Winner	2022
Taiwan Ministry of Education Overseas Study Fellowship	2019
Stanford Longevity Center Design Challenge (Asia) Finalist	2018

Teaching and Mentoring

Teaching Assistant, UC Santa Cruz 2023 — Current
Master's in HCI Capstone (Fall 2025)
Master's in HCI Capstone (Spring 2026)
Master's in HCI Capstone (Fall 2024)
Master's HCI – Intro to Build (Winter 2024)
Master's in HCI Capstone (Fall 2023)
Foundations in Game Design (Winter 2023)

Associate Instructor, Indiana University Bloomington 2022 — 2023
Master's level
Master's in HCI Thesis/Capstone I & II — Fall 2022, Spring 2023
Foundations in HCI — 2022
Undergraduate level
Design and Programming in HCI — 2022

Mentorship and Instructor 2022 — 2025
Undergraduate Mentorship
Computing & Engineering Women in Tech, Indiana University (2022–2023) 2 mentees
High School Science Research Camps
Science Internship Program, UCSC (Summer 2025) 4 students
Science Internship Program, UCSC (Summer 2024) 4 students
Indiana University Informatics Summer Pre-College Program (2023) cohort of 20

Undergraduate Researcher Mentorship
Madeleine Pintor (UCSC Cognitive Science). *Publication: P3, P4* 2023 – 2025
Isabela Salman (IU Nutrition Science, CEWiT Emergent Scholars). *Publication: L2* 2021 – 2022
Kelly Janek (IU Supply Chain and Operations, CEWiT Emergent Scholars. *Publication: L2* 2021 - 2022

Professional Services and Activities

Student Volunteer
CSCW 2021, CSCW 2022, CSCW 2023, CSCW 2025 (SV T-shirt design winner), CHI 2026

Peer Review
2026 CHI, DIS, ACM Transactions on Computing for Healthcare
2025 CHI, CHI Late Breaking Work, CSCW, CSCW Posters, DIS Work-in-Progress, IDC Work-in-Progress
2024 CHI Late Breaking Work, CSCW, IDC Work-in-Progress
2023 DIS Provocations and Work-in-Progress

Skills

Research Methods: Mixed-methods research; qualitative interviews; focus groups; participatory design; co-design workshops; speculative design; thematic analysis; survey design; quantitative analysis; community-engaged research; IRB protocol development

Youth & Community Engagement: Youth-centered research; teen workshop facilitation; trust-building with young participants; mentorship; stakeholder communication

Project & Research Management: Project coordination; timeline planning; personnel coordination; research resource management; funding and budget coordination; cross-institutional collaboration

Technical & Design: Mobile prototyping; web prototyping; Figma; FigJam; data visualization; presentation and research communication