

Qunfang Wu

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RESEARCH INTERESTS

Human-Computer Interaction, Social Justice, Critical Studies, Human-Centered AI, Computer-Supported Cooperative Work, and Social Computing.

EDUCATION

Syracuse University <i>Ph.D., Information Science and Technology, School of Information Studies (iSchool)</i> Advisor: Dr. Bryan Semaan Dissertation: Conversations About Crime: Re-Enforcing and Fighting Against Platformed Racism on Reddit	Syracuse, NY, US 2016-2022
Peking University <i>M.S., Information Science, Department of Information Management</i>	Beijing, China 2014-2016
Peking University <i>B.S., Information Management and System, Department of Information Management</i> Minor in Economics, National School of Development, Peking University Visit Student, Department of Management Information System, National Chengchi University, Taiwan	Beijing, China 2010-2014

ACADEMIC APPOINTMENTS

Harvard University <i>Postdoctoral Fellow, Inequality in America Initiative in Faculty of Arts and Sciences</i>	Boston, MA, US Forthcoming
University of North Carolina at Chapel Hill <i>Postdoctoral Research Associate, the Center for Information, Technology, and Public Life (CITAP)</i>	Chapel Hill, NC, US 2023-present

PUBLICATIONS

Peer-Reviewed Conference & Journal Papers

- [C.15] **Qunfang Wu** and Jeff Hemsley. *Hyper-Local Fear of Crime: Identifying Linguistic Cues of Fear in Crime Talk on Reddit*. 2023. [Accepted by ASIS&T2023].
- [C.14] **Qunfang Wu** and Bryan Semaan. *'How Do You Quantify How Racist Something Is?': Color-Blind Moderation in Decentralized Governance*. 2023. [Accepted by CSCW2023].
- [C.13] **Qunfang Wu**, Yisi Sang, Dakuo Wang, and Zhicong Lu. "Malicious Selling Strategies in Livestream E-Commerce: A Case Study of Alibaba's Taobao and ByteDance's TikTok". In: *ACM Transactions on Computer-Human Interaction* (2022).
- [C.12] **Qunfang Wu**, Louisa Kayah Williams, Ellen Simpson, and Bryan Semaan. "Conversations About Crime: Re-Enforcing and Fighting Against Platformed Racism on Reddit". In: *Proceedings of the ACM on Human-Computer Interaction* 6.CSCW1 (2022), pp. 1–38.
- [C.11] **Qunfang Wu** and Yun Huang. "Examining Police Agencies' Dialogic Accounting Practices in Facebook Conversations". In: *Digital Government: Research and Practice* 1.2 (2020), pp. 1–17.

- [C.10] Yun Huang, Yisi Sang, **Qunfang Wu**, and Yaxing Yao. "Higher Education Check-Ins: Exploring the User Experience of Hybrid Location Sensing". In: *Proceedings of the ACM on Human-Computer Interaction* 3.CSCW (2019), pp. 1–26.
- [C.9] **Qunfang Wu**, Yisi Sang, and Yun Huang. "Danmaku: A New Paradigm of Social Interaction via Online Videos". In: *ACM Transactions on Social Computing* 2.2 (2019), pp. 1–24.
- [C.8] Yun Huang and **Qunfang Wu**. "Understanding Interactions Between Municipal Police Departments and the Public on Twitter". In: *International Conference on Information*. Springer. 2018, pp. 37–46. [Best Paper Award: Top 1].
- [C.7] **Qunfang Wu**, Saurabh Gupta, and Yun Huang. "Examining Conversations Between Police Agencies and the Public on Facebook". In: *Proceedings of the 19th Annual International Conference on Digital Government Research: Governance in the Data Age*. 2018, pp. 1–10.
- [C.6] **Qunfang Wu**, Yisi Sang, Shan Zhang, and Yun Huang. "Danmaku vs. Forum Comments: Understanding User Participation and Knowledge Sharing in Online Videos". In: *Proceedings of the 2018 ACM Conference on Supporting Groupwork*. 2018, pp. 209–218.
- [C.5] Yun Huang, **Qunfang Wu**, and Youyang Hou. "Examining Twitter Mentions Between Police Agencies and Public Users through the Lens of Stakeholder Theory". In: *Proceedings of the 18th Annual International Conference on Digital Government Research*. 2017, pp. 30–38.
- [C.4] Yun Huang, **Qunfang Wu**, Xing Huang, and Jennifer Bort. "A Multiplatform Investigation of Law Enforcement Agencies on Social Media". In: *Information Polity* 22.2-3 (2017), pp. 179–196.
- [C.3] **Qunfang Wu**, Xin Guo, and Jimin Wang. "Co-Word Analysis on the Field of Marine Economy in China". In: *Proceedings of Chinese Society for Oceanography 2015*. Beijing: Maritime Press, 2015, pp. 336–342.
- [C.2] Xiaoli Tang, **Qunfang Wu**, and Jimin Wang. "Relationship Between Non-Cited Rates and Journal Evaluation Indicators: A Case Study in Economics". In: *Library and Information Service* 58.19 (2014), pp. 100–104.
- [C.1] **Qunfang Wu**, Xiaoli Tang, and Jimin Wang. "Improvement and Empirical Research on Journal's First-Citation-Speed-Index". In: *Library and Information Service* 58.24 (2014), pp. 86–90.

Posters & Workshop Papers & Demos

- [E.8] Brian McKernan, Bryan Semaan, Louisa Kayah Williams, Isabel Munoz, **Qunfang Wu**, and Sucheta Lahiri. "'COVID as the Cherry on Top': The Impact of COVID-19 and Other Co-Occurring Crises on Marginalized Communities' Identities and Worldviews". In: *Proceedings of the Eastern Sociological Society's (ESS) Annual Conference*. 2022.
- [E.7] **Qunfang Wu**. "Development of a Community-Based Mobile Application: Facilitating Vulnerable Populations' Social-Support Seeking for Managing Fear of Crime". In: *Doctoral Colloquium of the International Conference on Information*. 2020.
- [E.6] **Qunfang Wu** and Yaxing Yao. "Towards Designing a Technology Ecosystem for Managing the 'Fear of Crime'". In: *Workshops of the 2020 CHI Conference on Human Factors in Computing Systems: Crime and/or Punishment: Joining the Dots between Crime, Legality and HCI*. 2020.
- [E.5] Yun Huang, Yisi Sang, **Qunfang Wu**, and Yaxing Yao. "Studying User Experience of a Hybrid Location Sensing System". In: *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems*. 2019, pp. 1–6.
- [E.4] Yun Huang, **Qunfang Wu**, and Yaxing Yao. "Bluetooth Low Energy (BLE) Beacons Alone Didn't Work!" In: *Proceedings of the 2018 ACM International Joint Conference and 2018 International Symposium on Pervasive and Ubiquitous Computing and Wearable Computers*. 2018, pp. 62–65.

- [E.3] **Qunfang Wu** and Yun Huang. "Examining Q&A of Peer Tutor Learning via Online Videos". In: *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems*. 2018, pp. 1–6.
- [E.2] Yun Huang and **Qunfang Wu**. "BandCaption: Crowdsourcing Video Caption Corrections". In: *Demos of the 2017 Collective Intelligence Conference*. 2017.
- [E.1] Yun Huang, Yaxing Yao, Jennifer Bort, and **Qunfang Wu**. "Danmaku: Understanding its Usage in China and its Broader Potential". In: *Workshops of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing: CSCW in China and Beyond*. 2017.

Work in Progress

- [P.3] Deen Freelon, Meredith L. Pruden, Daniel Malmer, **Qunfang Wu**, Yiping Xia, Daniel Johnson, Emily Chen, and Andrew Crist. *What's in your PIE? Understanding the contents of personalized information ecosystems with PIEGraph*. [Under Review].
- [P.2] Yigang Qin, Weilun Duan, **Qunfang Wu**, and Zhicong Lu. *Dismantling Gender Blindness in the Crime/Gender Dichotomy*. [Under Review].
- [P.1] **Qunfang Wu**, Tayara Pena, and Bryan Semaan. *Moderation as Boundary Negotiation to Combat Racist Attacks in Online Communities*.

INVITED TALKS

- November 29, 2022, "Platform Design and Governance for Social Justice," the Tournesol Team.
- August 5, 2022, "Moderation, Governance, and Design for Disrupting Platformed Racism," SU HCI Summer Workshop.
- March 25, 2022, "Engaging Equity, Ethics and Inclusion in Human-Computer Interaction," China Development Student Think Tank.
- April 23, 2020, "The Power of Prototype in HCI," Dataraction HCI Talk Series.
- August 8, 2019, "Understanding Interactions Between Municipal Police Departments and the Public on Twitter," guest lecture for *Social Media in the Organization* (Instructor: Jennifer Sonne), SU.
- October 30, 2018, "How to Read a Regression Table," guest lecture for *Research Methods in Information Studies* (Instructor: Caroline Haythornthwaite), SU.
- October 2016, guest lecture for *Data Administration Concepts & Database Management* (Instructor: Yun Huang), SU.

AWARDS & GRANTS

- Syracuse Office of Undergraduate Research and Creative Engagement Fellowship, "Understanding Female Entrepreneurs' Resistance Behaviors in Algorithmic Systems" (Role: Co-Mentor), SU, 2022, \$4,962.
- Summer Research Competition, "Toward a Design Framework for Digital Equality: A Literature Review of Racialized Socio-Technical Mechanisms in Online Platforms," iSchool, SU, 2022, \$6,500.
- Dissertation Fellowship, SU, 2021-2022, \$26,500.
- Doctoral Students Awarded Summer Dissertation Fellowships, SU, 2020, \$4,000.
- Doctoral Colloquium Travel Funding, iConference, 2020, \$900.
- Summer Research Competition, "Understanding Social Support Seeking Behaviors to Mediate Fear of Crime on Mobile Apps," iSchool, SU, 2019, \$6,500.
- National Science Foundation (NSF) Innovation Corps Grant, "Beacon-Enabled Smart Location-Based Service" (Role: Entrepreneurial Lead; PI: Dr. Yun Huang), 2018, \$50,000.
- The Lee Dirks Best Paper Award, iConference, 2018.

SELECTED MEDIA PRESS

- “Stars on a Bigger Stage.” 2018. <http://usa.chinadaily.com.cn/a/201804/18/WS5ad68fe1a3105cdcf6518e70.html>
- “Huang and Wu Take Best Paper Award in 2018 iConference.” 2018. <https://ischool.syr.edu/articles/news/view/huang-wu-take-best-paper-award-2018-iconeference/>
- “Huang Awarded NSF I-Corps Grant for Technology Commercialization Research.” 2018. <https://news.syr.edu/2018/03/huang-awarded-nsf-i-corps-grant-for-technology-commercialization-research/>

PROFESSIONAL EXPERIENCES

HCC+D Lab, School of Information Studies, Syracuse University
Research Assistant

Syracuse, NY, US
July 2020-April 2021

COVID-19 Resilience Project

- Participated in grant writing: SU ICCAE Small Research Grants Program “Building Everyday Resilience with Technology: Exacerbated Marginalization in COVID-19” (PI: Dr. Brian McKernan; Co-PI: Bryan Semaan)
- Identified and maintained relationships with organizations (e.g., Office of Disability Services at SU, Aurora of CNY, Exceptional Family Resources) to recruit participants
- Conducted 19 semi-structured interviews with participants who identified themselves as members of marginalized populations
- Analyzed the interview data and identified different experiences of racism before and during the pandemic

SALT Lab, School of Information Studies, Syracuse University
Research Assistant

Syracuse, NY, US
August 2016-April 2019

“SU Connect” Project (iOS and Android mobile apps)

- Designed, developed, and evaluated sensing mobile apps
- Led sensor (beacon) installation and server performance monitoring
- Conducted 100+ interviews for customer discovery and business model optimization for the NSF I-Corps project
- Analyzed database log data to identify user segregation and co-location patterns
- Conducted field studies to understand users’ behavior while using an opportunistic sensing system

“BandCaption” Project (a web-based online video system)

- Developed and evaluated a video system for online learning
- Participated in writing NSF grants: “Enabling Accessibility and Linking Digital Media Collections for Informal Online Learning” (PI: Dr. Yun Huang); 2U “Accessible and Personalized Online Social Learning” (PI: Dr. Yun Huang)
- Conducted statistical tests and content analysis of how users shared knowledge via multiple commenting modalities in videos
- Conducted a field study and analyzed system logs to understand Q&A norms in reciprocal peer tutoring via self-generated videos

Mercer College, Mercer China
Consultant Assistant (Intern)

Beijing, China
October 2013-May 2014

- Collected and analyzed information on competitors
- Updated client databases and wrote monthly and yearly sales reports
- Responded to client questions about products, workshop registration, and feedback

TEACHING

- Lecturer. IT Girls Program (Coordinating Instructor: Laurie Ferger), SU *Summer 2022*
- Instructor. Information Visualization, SU *Spring 2021*
- Co-Instructor. Information Visualization (Instructor: Jeff Hemsley), SU *Fall 2020*
- Teaching Assistant. Natural Language Processing (Instructor: Lu Xiao), SU *Spring 2020*
- Teaching Assistant. Human Interaction with Computers (Instructor: Bryan Semaan), SU *Fall 2019*
- Teaching Assistant. Privacy Policy, Law, and Tech (Instructor: Yang Wang), SU *Fall 2017*
- Teaching Assistant. Demystifying the Chinese Economy (Instructor: Justin Yifu Lin), PKU *Spring 2014*

STUDENT MENTORING

- Zitong Huang, SU History undergraduate *2022-present*
- Yaqi Zhang, SU Architecture undergraduate *2022-present*
- Tayara Romero, SU Mechanical Engineering undergraduate *2021-2022*
- Danielle Nimako, SU iSchool undergraduate *2021*
- Christy Khoury, SU iSchool master's student, now a doctoral student at SU *2020-2021*
- Louisa Williams, SU iSchool undergraduate, now a doctoral student at University of Michigan *2020-2021*
- Tian Xu, SU iSchool master's student, now a doctoral student at University of Colorado Boulder *2019*
- Eldon Tsoi, SU iSchool undergraduate, now a Global Technology Analyst at Bank of America *2019*
- Lingyun Ke, SU Computer Science master's student, now a Software Engineer at Meta *2018*
- Niti Saluja, SU iSchool master's student, now a Delta One Strategist at Morgan Stanley *2018*
- Saurabh Gupta, SU iSchool master's student, now a Business Intelligence Engineer at Amazon *2018*
- Jiayi Zou, SU Computer Science master's student, now an iOS App Developer at ByteDance *2017-2018*
- Yisi Sang, SU Education master's student, now a doctoral student at SU *2017-2018*
- Qiuyan Liu, SU iSchool master's student *2017-2018*
- Sudan Zhuang, SU iSchool undergraduate, now a Product Manager at Microsoft *2017-2018*
- Jianyi Liu, SU iSchool master's student *2017*
- Shan Zhang, SU iSchool master's student, now at Twilio *2017*

SERVICE

Service to the Community

- Reviewer, CHI 19', 21', 23'
- Reviewer, CSCW 20', 21', 23'
- Reviewer, DIS 19', 23'
- Reviewer, ASIST 20', 23'
- Reviewer, New Media and Society 23'
- Reviewer, ICIS 23'
- Reviewer, Psychology of Popular Media 22'
- Reviewer, TOCHI 22'
- Reviewer, iConference 19', 20'
- Reviewer, DG.O 18'
- Student volunteer, CHI 19'

Service to the School

- Search Committee, iSchool, SU, Fall 2019
- Faculty Committee, iSchool, SU, Fall 2018

- Personnel Committee, iSchool, SU, Fall 2017

REFERENCES

Bryan Semaan, advisor
Associate Professor
University of Colorado Boulder
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Jeff Hemsley, co-advisor
Associate Professor
Syracuse University
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Steven Sawyer, Former Ph.D. director
Professor
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