

## Yang Wang

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CONTACT INFORMATION	239 Information Sciences School of Information Sciences University of Illinois at Urbana-Champaign Champaign, IL, 61820	<i>Voice:</i> (217) 244-0401 <i>E-mail:</i> yvw@illinois.edu <i>Web:</i> yangwang.ischool.illinois.edu <i>Lab:</i> salt.ischool.illinois.edu
RESEARCH INTERESTS	Privacy, Security, Human-Computer Interaction, Social Computing, Accessible Computing, User Modeling and Personalization, Mobile and Ubiquitous Computing	
EDUCATION	<b>Ph.D.</b> , Information and Computer Science (March 2010) University of California, Irvine (UCI) <ul style="list-style-type: none"><li>• Thesis: A Framework for Privacy-Enhanced Personalization</li><li>• Committee: Dr. Alfred Kobsa, Dr. André van der Hoek, and Dr. Gene Tsudik</li></ul> <b>M.S.</b> , Information and Computer Science, 2005, UCI <b>B.S.</b> , Computer Science, 2001, Chengdu University of Technology (CDUT), China	
APPOINTMENTS	<b>Associate Professor</b> , Information Sciences, and by courtesy, Computer Science, University of Illinois at Urbana-Champaign (UIUC) (SALT Lab Co-director), 2019-Present <b>Assistant Professor</b> , School of Information Studies, Syracuse University (Co-director of Social Computing Systems Lab), 2012-2019 <b>Affiliated Faculty Member</b> , Institute of Software Research, University of California, Irvine, 2013-Present <b>Research Scientist</b> (essentially Post-Doc), CyLab, Carnegie Mellon University (CMU), mentored by Dr. Lorrie Faith Cranor and Dr. Alessandro Acquisti, 2010-2012 <b>Research Assistant</b> , Institute of Software Research, UCI, 2004-2010 <b>Research Intern</b> , Intel Labs, mentored by Dr. Scott Mainwaring, June-Sep. 2007 <b>Research Intern</b> , Fuji Xerox Palo Alto Laboratory (FXPAL), mentored by Dr. Daniel Billsus and Dr. David Hilbert, June-Sep. 2006 <b>Research Intern</b> , CommerceNet, mentored by Dr. Rohit Khare, June-Sep. 2005 <b>Mobile System Engineer</b> , Chengdu Bell, 2001-2002	
HONORS AND AWARDS	Facebook Privacy Preserving Technologies Research Award, 2020 IAPP SOUPS Privacy Award, 2019 ACM CSCW2019 Best Paper Honorable Mention, 2019 NSF CAREER Award, 2017 Contribution Award, International Chinese Association of Computer Human Interaction (ICACHI), 2016 NSF CRII Award, 2015 Robert Benjamin Junior Faculty Achievement Award, School of Information Studies, Syracuse University, (the 4th awardee in the history of the school), 2014 Research advisor for an undergraduate student who won the Silver Medal in Student Research Competition (SRC) at ACM ASSETS2014 Distinguished Poster Award, Symposium on Usable Privacy and Security (SOUPS2014) Top “Privacy Papers for Policy Makers” selected by Future of Privacy Forum, 2012 ACM CHI2012 Best Paper Honorable Mention, 2012	

Phi Beta Kappa International Scholarship, 2009  
UCI Graduate Dean's Dissertation Fellowship (2 per school), 2009  
Graduate Student Fellowship, UCI, 2003

PUBLICATIONS

**Google Scholar:** 3045 citations, h-index 25 as of 5/20/2020  
<https://scholar.google.com/citations?user=bN-ipRAAAAAAJ>

\* represents my current or previous students

**Refereed Journal Papers**

- J13. \*Y. Yao, J. Basdeo, O. McDonough, **Y. Wang** (2019): Privacy Perceptions and Designs of Bystanders in Smart Homes. To appear in the Proceedings of the ACM (PACM): Human-Computer Interaction: Computer-Supported Cooperative Work and Social Computing (CSCW2019) [Best Paper Honorable Mention](#).
- J12. \*N. Barbosa, J. Park, Y. Yao, **Y. Wang** (2019): "What if?" Predicting Individual Users' Smart Home Privacy Preferences and Their Changes. To appear in Proceedings on Privacy Enhancing Technologies.
- J11. **Y. Wang** (2018): [Inclusive Security and Privacy](#). To appear in IEEE Security & Privacy, July/August 2018 Issue.
- J10. \*C. Jackson, **Y. Wang** (2018): [Addressing Privacy Discrepancy through Personalized Notifications](#). To appear in the Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT) (Oral presentation at UbiComp2018).
- J9. \*H. Xia, **Y. Wang**, Y. Huang, A. Shah (2018): "Our Privacy Needs To Be Protected At All Costs": Crowd Workers' Privacy Experiences on Mechanical Turk. To appear in the Proceedings of the ACM (PACM): Human-Computer Interaction: Volume 1: Issue 1: Computer-Supported Cooperative Work and Social Computing (CSCW2018) [27% acceptance rate in a revise-and-resubmit review model]
- J8. \*B. Dosono, J. Hayes, **Y. Wang** (2018): [Towards Accessible Authentication: Learning from People with Visual Impairments](#). To appear in IEEE Internet Computing (feature article).
- J7. A. Acquisti, I. Adjerid, R. Balebako, L. Brandimarte, L. F. Cranor, S. Komanduri, P. G. Leon, N. Sadeh, F. Schaub, M. Sleeper, **Y. Wang**, and S. Wilson (2017): [Nudges for Privacy and Security: Understanding and Assisting Users' Choices Online](#). ACM Computing Surveys, 50(3):44:1-44:41.
- J6. Y. Huang, C. White, H. Xia, **Y. Wang** (2017): [A Computational Cognitive Modeling Approach to Understand and Design Mobile Crowdsourcing for Campus Safety Reporting](#). To appear in International Journal of Human-Computer Studies, Special Issue on Mobile and Situated Crowdsourcing.
- J5. **Y. Wang**, H. Xia, Y. Yao, Y. Huang (2016): [Flying Eyes and Hidden Controllers: A Qualitative Study of People's Privacy Perceptions of Civilian Drones in The US](#). Proceedings on Privacy Enhancing Technologies 2016 (3):172-190.
- J4. **Y. Wang**, P.G. Leon, X. Chen, S. Komanduri, G. Norcie, K. Scott, A. Acquisti, L.F. Cranor, N. Sadeh (2013): [From Facebook Regrets To Facebook Privacy Nudges](#). Ohio State Law Journal 74(6):1307-1334.
- J3. **Y. Wang**, Y. Huang, C. Louis (2013): [Respecting User Privacy in Mobile Crowdsourcing](#). ASE Science Journal 2(2): 50-64.

- J2. **Y. Wang**, A. Kobsa (2013): A PLA-Based Privacy-Enhancing User Modeling Framework and its Evaluation. *User Modeling and User-Adapted Interaction* 23(1):41-82.
- J1. E. Toch, **Y. Wang**, L. F. Cranor (2012): Personalization and Privacy: A Survey of Privacy Risks and Remedies in Personalization-Based Systems. *User Modeling and User-Adapted Interaction* 22(1):203-220.

### Refereed Book Chapters

- Ch3. Y. He, **Y. Wang** (2012): Cyber Behaviors of Internet Users in China. In Z. Yan eds.: *Encyclopedia of Cyber Behavior*. Hershey, PA: IGI Global. p. 1264-1281.
- Ch2. **Y. Wang**, A. Kobsa (2009): Privacy Enhancing Technologies. In M. Gupta and R. Sharman, eds.: *Handbook of Research on Social and Organizational Liabilities in Information Security*. Hershey, PA: IGI Global. p. 203-227.
- Ch1. **Y. Wang**, A. Kobsa (2008): Technical Solutions for Privacy-Enhanced Personalization. In Constantinos Mourlas and Panagiotis Germanakos, eds.: *Intelligent User Interfaces: Adaptation and Personalization Systems and Technologies*. Hershey, PA: IGI Global. p. 353-376.

### Refereed Conference Papers

- C38. \*N. Barbosa, Z. Zhang, **Y. Wang** (2020): Do Privacy and Security Matter to Everyone? Quantifying and Clustering User-Centric Considerations About Smart Home Device Adoption. *Proceedings of the Symposium on Usable Privacy and Security (SOUPS) 2020*. [20% acceptance rate]
- C37. \*J. Hayes, S. Kaushik, C. Price, **Y. Wang** (2019): Cooperative Privacy and Security: Learning from People with Visual Impairments and Their Allies. *Proceedings of the Symposium on Usable Privacy and Security (SOUPS) 2019*. [22% acceptance rate] [IAPP SOUPS Privacy Award](#).
- C36. \*Y. Yao, S. Kaushik, J. Basdeo, **Y. Wang** (2019): Defending My Castle: A Co-Design Study of Privacy Mechanisms for Smart Homes. To appear in *Proceedings of the ACM Conference on Human Factors in Computer Systems (CHI2019)* [24% acceptance rate]
- C35. \*Y. Yao, Y. Huang, **Y. Wang** (2018): Unpacking People's Understandings of Bluetooth Beacon Systems - A Location-Based IoT Technology. To appear in *Proceedings of the Hawaii International Conference on System Sciences (HICSS2018)* [Best Paper Nomination](#).
- C34. \*Y. Yao, Y. Huang, **Y. Wang** (2017): Privacy Mechanisms for Drones: Perceptions of Drone Controllers and Bystanders in the U.S.. To appear in *Proceedings of the ACM Conference on Human Factors in Computer Systems (CHI2017)* [25% acceptance rate]
- C33. \*Y. Yao, H. Xia, Y. Huang, **Y. Wang** (2017): Free to Fly in Public Spaces: Drone Controllers' Privacy Perceptions and Practices. To appear in *Proceedings of the ACM Conference on Human Factors in Computer Systems (CHI2017)* [25% acceptance rate]
- C32. \*Y. Yao, D. Lo Re, **Y. Wang** (2017): Folk Models of Online Behavioral Advertising. To appear in *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2017)* [34% acceptance rate in a revise-and-resubmit review model]

- C31. \*B. Dosono, J. Hayes, **Y. Wang** (2017): “They Should Be Convenient and Strong”: Password Perceptions and Practices of Visually Impaired Users. To appear in Proceedings of the iConference 2017.
- C30. \*N. Barbosa, J. Hayes, **Y. Wang** (2016): UniPass: Design and Evaluation of A Smart Device-Based Password Manager for Visually Impaired Users. To appear in Proceedings of 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2016) [24% acceptance rate]
- C29. **Y. Wang**, Y. Li, B. Semaan, J. Tang (2016): Space Collapse: Reinforcing, Reconfiguring and Enhancing Chinese Social Practices through WeChat. Proceedings of the 10th International AAAI Conference on Web and Social Media (ICWSM). [17% acceptance rate]
- C28. **Y. Wang**, H. Xia, Y. Huang (2016): Examining American and Chinese Internet Users’ Contextual Privacy Preferences of Behavioral Advertising. Proceedings of the ACM Conf. on Computer-Supported Cooperative Work and Social Computing (CSCW 2016). [25% acceptance rate in a revise-and-resubmit review model]
- C27. Y. Huang, S. Huo, Y. Yao, C. Niu, **Y. Wang**, J. Grygiel, S. Sawyer (2016): Municipal Police Departments on Facebook: What Are They Posting and Are People Engaging? Proceedings of the 17th International Digital Government Research Conference (dg.o 2016).
- C26. \*B. Dosono, J. Hayes, **Y. Wang** (2015): “I’m Stuck!”: A Contextual Inquiry of People with Visual Impairments in Authentication. Proceedings of the Symposium on Usable Privacy and Security (SOUPS) 2015. [24% acceptance rate]
- C25. Y. Huang, C. White, H. Xia, **Y. Wang** (2015): Modeling Sharing Decision of Campus Safety Reports and Its Design Implications to Mobile Crowdsourcing for Safety. Proceedings of the International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI) 2015. [25% acceptance rate]
- C24. Y. Huang, Y. Tang, **Y. Wang** (2015): Emotion Map: A Location-Based Mobile Social System for Improving Emotion Awareness and Regulation. Proceedings of the ACM Conf. on Computer-Supported Cooperative Work and Social Computing (CSCW 2015). [28% acceptance rate]
- C23. Y. Huang, B. Dobreski, B. Deo, J. Xin, N. Barbosa, **Y. Wang**, J. Bigham (2015): CAN: Composable Accessibility Infrastructure via Data-Driven Crowdsourcing. To appear in Proceedings of the 12th Web for All Conference (W4A 2015). [35% acceptance rate]
- C22. **Y. Wang**, P.G. Leon, L.F. Cranor, A. Acquisti, N. Sadeh, A. Forget (2014): A Field Trial of Privacy Nudges for Facebook. Proceedings of the ACM Conf. Human Factors in Computer Systems (CHI2014). [23% acceptance rate]
- C21. **Y. Wang**, Y. Huang, C. Louis (2013): Towards a Framework for Privacy-Aware Mobile Crowdsourcing. In Proceedings of the 5th ASE/IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT) 2013. [10% acceptance rate]
- C20. **Y. Wang**, P.G. Leon, X. Chen, A. Acquisti, L.F. Cranor, N. Sadeh (2013): “It made me think twice”: A Field Trial of Facebook Privacy Nudge. In Privacy Law Scholar Conference (PLSC) 2013.

- C19. P. G. Leon, B. Ur, **Y. Wang**, M. Sleeper, R. Balebako, R. Shay, L. Bauer, M. Christodorescu, L. F. Cranor (2013): What Matters to Users? Factors that Affect Users' Willingness to Share Information with Online Advertisers. In Proceedings of Symposium on Usable Privacy and Security (SOUPS) 2013. [29% acceptance rate]
- C18. B. Ur, P. G. Leon, L. F. Cranor, R. Shay, **Y. Wang** (2012): Smart, Useful, Scary, Creepy: Perceptions of Online Behavioral Advertising. In Proceedings of Symposium on Usable Privacy and Security (SOUPS) 2012. [25% acceptance rate] [Best paper for policy makers selected by the Future of Privacy Forum.](#)
- C17. P. G. Leon, B. Ur, R. Shay, **Y. Wang**, R. Balebako, L. F. Cranor (2012): Why Johnny Can't Opt Out: A Usability Evaluation of Tools to Limit Online Behavioral Advertising. In Proceedings of ACM Conf. Human Factors in Computer Systems (CHI2012). [23% acceptance rate] [Best Paper Honorable Mention.](#)
- C16. B. Ur, **Y. Wang** (2012): Social Networks in a Post-Soviet State: How Hungarians Protect and Share on Facebook. In Proceedings of iConference2012.
- C15. **Y. Wang**, A. Aghasaryan, A. Shrihari, D. Pergament, G. Kamga, S. Betgé-Brezetz (2011): Intelligent Reactive Access Control for Moving Personal Data. In Proceedings of the 3rd IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT2011). [8% acceptance rate]
- C14. **Y. Wang**, S. Komanduri, P. G. Leon, G. Norcie, A. Acquisti, L. F. Cranor (2011): "I regretted the minute I pressed share": A Qualitative Study of Regrets on Facebook. In Proceedings of the 7th Symposium on Usable Privacy and Security (SOUPS2011). [33% acceptance rate]
- C13. **Y. Wang**, G. Norcie, L. F. Cranor (2011): Who Is Concerned about What? A Study of American, Chinese and Indian Users' Privacy Concerns on Social Networking Sites. In Proceedings of the 4th International Conference on Trust and Trustworthy Computing (TRUST2011).
- C12. **Y. Wang**, Scott Mainwaring (2010): Incentives in the Wild: Leveraging Virtual Currency to Sustain Online Community. In Proceedings of iConference 2010.
- C11. **Y. Wang**, A. Kobsa (2010): Privacy in Cross-System Personalization. In Proceedings of AAAI Privacy 2010 Symposium (Privacy2010).
- C10. **Y. Wang**, A. Kobsa (2009): Performance Evaluation of a Dynamic Privacy-Enhancing Framework for Personalized Websites. Intl. Conf. User Modeling, Adaptation, and Personalization (UMAP09), pp. 78-89. [26% acceptance rate]
- C9. S. A. Hendrickson, **Y. Wang**, A. van der Hoek, R. N. Taylor, A. Kobsa (2009): Modeling PLA Variation of Privacy-Enhancing Personalized Systems. Intl. Software Product Line Conference (SPLC09). [36% acceptance rate]
- C8. S. Lindtner, S. Mainwaring, P. Dourish, **Y. Wang** (2009): Situating Productive Play: Online Gaming Practices and Guanxi in China. IFIP Conf. on Human-Computer Interaction (INTERACT09), pp. 328-341. [27% acceptance rate]
- C7. A. Kobsa, R. Sonawalla, G. Tsudik, E. Uzun and **Y. Wang** (authors in alphabetical order): Serial Hook-Ups: A Comparative Usability Study of Secure Device Pairing Methods. Symposium on Usable Privacy and Security (SOUPS09), pp. 1-12. [30% acceptance rate]

- C6. **Y. Wang**, A. Kobsa (2009). Privacy in Online Social Networking at Workplace. International Conference on Computational Science and Engineering (CSE09), pp. 975-978.
- C5. S. Lindtner, B. Nardi, **Y. Wang**, S. Mainwaring, J. He, and W. Liang (2008): A Hybrid Cultural Ecology: World of Warcraft in China. ACM Conf. Computer Supported Cooperative Work (CSCW08), pp. 371-382. [23% acceptance rate]
- C4. **Y. Wang**, S. Mainwaring (2008): Human-Currency Interaction: Learning from Virtual Currency Use in China. ACM Conf. Human Factors in Computer Systems (CHI08), pp. 25-28. [18% acceptance rate]
- C3. **Y. Wang**, A. Kobsa (2007): Respecting Users' Individual Privacy Constraints in Web Personalization. Intl. Conf. User Modeling (UM07), pp. 157-166. [20% acceptance rate]
- C2. **Y. Wang**, A. Kobsa, A. van der Hoek, J. White (2006): PLA-based Runtime Dynamism in Support of Privacy-Enhanced Web Personalization. IEEE Conf. Software Product Line (SPLC06), pp. 151-162. [32% acceptance rate]
- C1. N. M. Su, **Y. Wang**, G. Mark, T. Aieylokun, T. Nakano (2005): A Bosom Buddy Afar Brings a Distant Land Near: Are Bloggers a Global Community? Intl. Conf. Communities and Technology (C&T05), pp. 171-190. [23% acceptance rate]

#### Refereed Conference Work-in-Progress and Workshop Papers

- W18. \*S. Kaushik, **Y. Wang**: Enabling Privacy by Design in GDPR: An Analysis of Industry Tool Support. CHI2018 Workshop titled "The General Data Protection Regulation, an opportunity for the HCI Community?"
- W17. **Y. Wang**: Inclusive Security and Privacy. New Security Paradigm Workshop (NSPW2017).
- W16. **Y. Wang**, Y. Yao: Whose Privacy? The Case of Drone Controllers and Bystanders. CSCW2017 Workshop titled "In Whose Best Interest? Exploring the Real, Potential, and Imagined Ethical Concerns in Privacy-Focused Agendas."
- W15. \*N. Barbosa, **Y. Wang**: Designing Task-Oriented Text Commands for Screen Readers and Screen Magnifiers. CHI 2017 Workshop on Ubiquitous Text Interaction.
- W14. \*N. Barbosa, **Y. Wang**: Lessons Learned from Designing and Evaluating Smart Device-Based Authentication for Visually Impaired Users. SOUPS2016 Workshop on Who are you?! Adventures in Authentication (WAY2016).
- W13. **Y. Wang**, Y. Li, J. Tang: Dwelling and Fleeting Encounters: Exploring Why People Use WeChat - A Mobile Instant Messenger. Proceedings of the ACM Conf. Human Factors in Computer Systems (CHI2015) Work-in-Progress track.
- W12. X.Y. Gao, Y.L. Yang, H.Q. Fu, J. Lindqvist and **Y. Wang**: Private Browsing: an Inquiry on Usability and Privacy Protection. Workshop on Privacy in the Electronic Society (WPES 2014).
- W11. **Y. Wang**: Universal Authentication: Towards Accessible Authentication for Everyone. SOUPS2014 Workshop on Who are you?! Adventures in Authentication (WAY2014).
- W10. **Y. Wang**, P. G. Leon, K. Scott, X. Chen, A. Acquisti, L. F. Cranor: Privacy Nudges for Social Media: An Exploratory Facebook Study. WWW2013 Workshop on Privacy and Security on Online Social Media (PSOSM2013).

- W9. B. Ur, **Y. Wang**: A Cross-Cultural Framework for Protecting User Privacy in Social Media. WWW2013 Workshop on Privacy and Security on Online Social Media (PSOSM2013).
- W8. R. Balebako, P.G. Leon, R. Shay, B. Ur, **Y. Wang**, L.F. Cranor (2012). Measuring the Effectiveness of Privacy Tools for Limiting Behavioral Advertising. Workshop on Web 2.0 Security and Privacy (W2SP 2012).
- W7. **Y. Wang**, L.F. Cranor (2011). Toward An Empirical Investigation of Usability and Effectiveness of Do-Not-Track Tools. W3C Workshop on Web Tracking and User Privacy.
- W6. **Y. Wang** (2010). Respecting User Privacy in Cross-System Personalization. W3C Workshop on Privacy and Data Usage Control.
- W5. **Y. Wang**, S. Mainwaring (2008). Ethnography at Play: An Exploratory Case Study of Chinese Users' Experience in Online Games. ACM CHI08 Workshop on Evaluating User Experiences in Games.
- W4. Y. Huang, N. Venkatasubramanian and **Y. Wang** (2007). MAPGrid: A New Architecture for Empowering Mobile Data Placement in Grid Environments. IEEE CCGrid07 Workshop on Context-Awareness and Mobility in Grid Computing.
- W3. **Y. Wang** (2006). Impacts of Privacy Laws and Regulations on Personalized Web-based Systems. ACM CHI06 Workshop on Privacy-Enhanced Personalization.
- W2. **Y. Wang**, A. Kobsa (2005). A Software Product Line Approach for Handling Privacy Constraints in Web Personalization. UM05 Workshop on Privacy-Enhanced Personalization.
- W1. N. M. Su, **Y. Wang**, G. Mark (2005). Politics as Usual in the Blogosphere. Intl. Workshop on Social Intelligence Design (SID05), Palo Alto, USA.

#### Technical Reports

- T1. P.G. Leon, B. Ur, R. Balebako, L.F. Cranor, R. Shay, **Y. Wang** (2011). Why Johnny Can't Opt Out: A Usability Evaluation of Tools to Limit Online Behavioral Advertising. CyLab Technical Report CMU-CyLab-11-017

#### Dissertation

- Y. Wang** (2010): A Framework for Privacy-Enhanced Personalization. University of California, Irvine, CA, USA.

#### Refereed Organized Workshops

- O8. T. Ahmed, N. Barbosa, J. Calandrino, L. Coventry, A. Lerner, A. Marsh, **Y. Wang**, Y. Yao (2019). The 4th Workshop on Inclusive Privacy and Security (WIPS 2019). In Symposium on Usable Privacy and Security (SOUPS2019). Santa Clara, California, USA.
- O7. L. Coventry, A. Marsh, **Y. Wang** (2018). 3rd Workshop on Inclusive Privacy and Security (WIPS). In Symposium on Usable Privacy and Security (SOUPS2018). Baltimore, Maryland, USA.
- O6. K. Badillo-Urquiola, Y. Yao, O. Ayalon, B. Knijnenburg, X. Page, E. Toch, **Y. Wang**, P. Wisniewski (2018) Privacy in Context: Critically Engaging with Theory to Guide Privacy Research and Design. In the 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW2018). New York, New York, USA.

- O5. **Y. Wang**, L. Coventry (2017). 2nd Workshop on Inclusive Privacy and Security (WIPS). In Symposium On Usable Privacy and Security (SOUPS2017). Santa Clara, California, USA.
- O4. P. Wisniewski, J. Vitak, X. Page, B. Knijnenburg, **Y. Wang**, C. Fiesler (2017). In Whose Best Interest? Exploring the Real, Potential, and Imagined Ethical Concerns in Privacy-Focused Agendas. In CSCW2017. Portland, OR, USA.
- O3. M. Just, **Y. Wang**, L. Koved, K. Moffatt (2015). Workshop on Inclusive Privacy and Security (WIPS). In Symposium On Usable Privacy and Security (SOUPS2015). Ottawa, Canada.
- O2. J Hemsley, J Snyder, J Cottam, B Fisher, V Lemieux, J Stanton, **Y. Wang** (2015). Visualization Pedagogy in iSchools. In iConference 2015 Proceedings. Newport Beach, California, USA.
- O1. **Y. Wang**, X. Cao, Q.Y. Liao, Y.X. Pan (2011). Designing Social and Collaborative Systems for China. In *Extended Abstracts* of CSCW2011. Hangzhou, China.

#### Refereed Posters, Demonstrations and Doctoral Consortium Papers

- D8. J. Hayes, X. Li, **Y. Wang** (2017): “I Always Have to Think About It First”: Authentication Experiences of People with Cognitive Impairments. In Proceedings of the 19th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS2017). ACM, New York, NY, USA, 357-358.
- D7. **Y. Wang**, P.G. Leon, L.F. Cranor, A. Acquisti, N. Sadeh, A. Forget (2014): A Field Trial of Privacy Nudges for Facebook. The 10th Symposium on Usable Privacy and Security (SOUPS2014).
- D6. Y. Huang, **Y. Wang**, Y. Tang (2014): Privacy in Emotion Sharing on Social Media. The 10th Symposium on Usable Privacy and Security (SOUPS2014).
- D5. Y. Huang, **Y. Wang**, C. White (2014): Designing a Mobile System for Public Safety Using Open Crime Data and Crowdsourcing. 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2014).
- D4. **Y. Wang**, S. Komanduri, P. G. Leon, G. Norcie, A. Acquisti, L. F. Cranor (2011): “I regretted the minute I pressed share”: A Qualitative Study of Regrets on Facebook. The 21st Annual Conference Computers, Freedom & Privacy (CFP2011).
- D3. S. A. Hendrickson, **Y. Wang**, A. van der Hoek, R. N. Taylor, A. Kobsa (2009): Modeling PLA Variation of Privacy-Enhancing Personalized Systems. The 6th Symposium on Usable Privacy and Security (SOUPS10).
- D2. **Y. Wang**, A. Kobsa (2011): A Generic Privacy-Enhancing Personalization Infrastructure. The 18th International Conference on User Modeling, Adaptation, and Personalization (UMAP10).
- D1. **Y. Wang** (2005). Constraint-Sensitive Privacy Management for Personalized Web-based Systems. Doctoral Consortium of the 10th Intl. Conference on User Modeling (UM05).

#### PATENT

#### Patent / Technology Disclosure

- PA2. Nata Barbosa, Yang Wang: Website Authentication Using An Internet-Connected Device. Granted in April, 2019. <https://www.google.com/patents/WO2016161398A1>.
- PA1. Nata Barbosa, Yang Wang: Intent-Oriented Web Interactions, filed a US patent application in (Nov. 2019). <https://patents.google.com/patent/US20200159790A1/en>.



## GRANTS

### **External and Internal Funding** (Total: \$5.5 million, as PI: \$1.8 million)

- G15. Facebook Privacy Preserving Technologies Grant, “In-Situ Privacy Controls of Profiling and Ad-Targeting,” PI, \$65K, 2020-2021.
- G14. UIUC Internal Grant: Humanities Research Institute (HRI) Research Cluster on “AI & Society,” Co-director, \$2K, 2020-2021.
- G13. Danish Agency for Science and Higher Education, “Cultivating A User-Centered Research Network on Managing Digital Security and Privacy from Cross-Cultural Perspectives,” Co-PI, \$44K, 2020-2022.
- G12. SU Internal Grant: SU Postdoctoral Fellowship Award, PI, \$70K, 2019-2021. Funding for me to hire a postdoc. Didn’t take it due to my move to Illinois.
- G11. NSF CAREER: “Inclusive Privacy: Effective Privacy Management for People with Visual Impairments,” PI, \$497K, 2017-2021
- G10. SU Internal Grant: “Heat Mapping Drones: Building Envelope Energy Performance and Privacy Diagnostics using Unmanned Aerial Systems,” Co-PI, \$43K, 2016-2017
- G9. NSF: “CRII: SaTC: Privacy-Enhancing User Interfaces Based on Individualized Mental Models,” PI, \$159K (with additional \$16K REU), Sep. 2015 - Sep. 2017
- G8. SU Internal Grant: “Towards Privacy-Friendly Drones,” PI, \$1K, 2015-2016
- G7. DJI Equipment Donation, Two Phantom 2 Vision+ Quadcopters, \$2K, 2015
- G6. NSF: “Spreading SEEDS: Large-Scale Dissemination of SEED Labs for Security Education,” Co-PI, \$827K, Sep. 2014 - Sep. 2018
- G5. NSF CAREER Writing Workshop travel grant \$1K, April 2014
- G4. NIDRR (National Institute on Disability and Rehabilitation Research): “Inclusive Web and Cloud Computing,” \$3.7M, PI for SU subcontract from Carnegie Mellon University (\$866K), Oct. 2013 - Oct. 2018
- G3. NSF: “TW: Large: Nudging Users Towards Privacy”, PI for SU subcontract from Carnegie Mellon University, \$17K, Jan. 2013 - Dec. 2013
- G2. **The Privacy Projects** (a non-profit corporation): “An Empirical Investigation of the Usability and Effectiveness of Opt-out tools for Behavioral Advertising and Online Tracking”, PI, \$67K, Jan. 2011 - Dec. 2011
- G1. Alcatel-Lucent Bell Labs: “Collaboration Project: End-User Privacy Management for Cross-System Personalization”, PI, \$125K, Aug. 2010 - Aug. 2011

## TEACHING

### **School of Information Sciences (iSchool), University of Illinois at Urbana-Champaign, Champaign, IL**

#### *Course Instructor*

**2020-present**

- IS 590MD Methods of Data Science (graduate class), 17 students, Spring 2020
- IS 590PV Human-Centered Information Systems (graduate class), co-taught with Profs. Jessie Chen and John Weible, 23 students, Spring 2020
- IS 590PV Privacy in The Internet Age (graduate class), co-taught with Prof. Masooda Bashir, 12 students, Fall 2019

### **School of Information Studies (iSchool), Syracuse University, Syracuse, NY**

*Professor of Record*

**2012-2019**

- IST 449 Human-Computer Interaction (undergraduate class)
- IST 659 Introduction to Database Management Systems (graduate class)

*Course Instructor*

**2012-2019**

- IST 659 Introduction to Database Management Systems (graduate class), 28 students, Fall 2018
- IST 800 Privacy Policy and Tech (doctoral class), 6 students, Spring 2018
- IST 719 Information Visualization (online graduate class), 13 students, Fall 2017
- IST 719 Information Visualization (online graduate class), 16 students, Spring 2016
- IST 659 Introduction to Database Management Systems (graduate class), 25 students, Spring 2016
- IST 719 Information Visualization (online graduate class), 10 students, Fall 2015
- IST 719 Information Visualization (online graduate class with a Fidelity Cohort), 15 students, Summer 2015
- IST 719 Information Visualization (online graduate class), 6 students, Summer 2015
- IST 719 Information Visualization (online graduate class), 5 students, Spring 2015
- IST 659 Introduction to Database Management Systems (graduate class), 28 students, Spring 2015
- IST 719 Information Visualization (online graduate class with a Fidelity Cohort), 13 students, Fall 2014
- IST 449 Human-Computer Interaction (undergraduate class), 30 students, Spring 2014
- IST 659 Introduction to Database Management Systems (graduate class), 28 students, Fall 2013
- IST 659 Introduction to Database Management Systems (graduate class), 27 students, Spring 2013
- IST 359 Introduction to Database Management Systems (undergraduate class), 19 students, Fall 2012

*Guest Lecture*

**2012-2019**

- Presented usable privacy and security in Prof. Joon Park's IST 623 Applied Info Security (online/2U graduate class), 2018
- Presented design-based research in Prof. Lu Xiao's IST 776 Research Methods in Information Science and Technology (doctoral-level class), 2017
- Discussed internships in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2017
- Discussed industry experiences in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2016
- Presented research methods in Prof. Bryan Semaan's IST 449 Human-Computer Interaction, 2015
- Discussed research in industry in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2015
- Discussed annual evaluations in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2015
- Discussed academic networking in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2014
- Presented my research in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2014

- Discussed computational thinking in research in Prof. Steve Sawyer's IST 810/840 doctoral student seminar, 2013

### School of Information and Computer Sciences, UCI, Irvine, CA USA

*Course Instructor* **Summer 2009**

- Informatics 131 Human-Computer Interaction (undergraduate class), 24 students, Summer 2009

*Teaching Assistant* (Mentor: Prof. David Kay) **2004 to 2009**

- Led discussions and counseled projects for several junior and senior classes in HCI and software engineering

*Guest Lecturer*

- Dr. Sameer Patil's social analysis of computing undergrad class, 2008
- Dr. Alfred Kobsa's HCI graduate class, 2009

### MENTORING

### University of Illinois at Urbana-Champaign, Champaign, IL USA

*My Doctoral Student Advisees* **2020-present**

- Natã Barbosa (iSchool PhD student, moved with me from Syracuse University), data-driven privacy and security (publication C12, C30), 2020-present

*Other Doctoral Students Mentored* **2020-present**

- Pingjing Yang (informatics PhD student), research practicum on collaborative development of fair algorithms, Spring 2020

*Master Students Mentored* **2019-present**

- Zhuohao Zhang (CS MS student), inclusive privacy and security, 2019-present

*Undergraduate Students Mentored* **2020-present**

- Xinyue Li (CS undergrad), inclusive privacy and security, 2020

*PhD Student Annual Evaluation Committee Member* **2020-present**

- Nata Barbosa (iSchool PhD student), 2019-2020
- Qingxiao Zheng (iSchool PhD student), 2019-2020

*Dissertation Committee Member* **2019-2020**

- John Bambenek (informatics PhD student), 2019-2020

*Doctoral Qualifying Exam Committee Member* **2019-2020**

- John Bambenek (informatics PhD student), 2019
- Yaguang Sun (Informatics PhD student), 2020

### Syracuse University, Syracuse, NY USA

*My Doctoral Student Advisees* **2015-2020**

- Yaxing Yao (iSchool PhD student), privacy and Internet of Things (IoTs) (publications C32, C33, C34), 2015-2020 (graduated)
- Natã Barbosa (iSchool PhD student), data-driven privacy and security (publication C30), 2016-2020

*Other Doctoral Students Mentored* **2012-2019**

- Mohamad Hani Sulieman (EECS PhD student), Internet of Things privacy, 2018

- Qunfang Wu, research practicum on experiment design and teaching practicum on designing a privacy class, 2017
- Huichuan Xia (iSchool PhD student), research assistant, privacy in online tracking and crowdsourcing (publications C28, J9), 2013-2017
- Bryan Dosono (iSchool PhD student), research practicum on authentication experiences of people with visual impairments (publication C26), 2014-2015
- Corey Jackson (iSchool PhD student), research practicum on personalized privacy mental model and user interfaces, (work led to a NSF grant G9, publication J10), 2014-2018
- Sikana Tanupabrungsun (iSchool PhD student), teaching practicum for the graduate information visualization course, 2015
- Feifei Zhang (iSchool PhD student), teaching practicum for the undergraduate HCI course, 2014
- Jian Tang (iSchool PhD student), mobile social computing (publication W13), 2014-2015
- Claudia Alice Louis (iSchool PhD student), a survey of privacy and security in mobile crowdsourcing systems (publication C21), 2012-2013

#### *Master Students*

**2012-2019**

- Megha Jakhotia (iSchool MS student), inclusive privacy and security, 2018-present
- Erin McInerney, (iSchool LIS student), inclusive privacy and security, 2018-present
- Smirity Kaushik (iSchool MS student), tools for General Data Protection Regulation (GDPR), 2017-present
- Charlotte Emily Price (iSchool LIS student), inclusive privacy and security, 2017-present
- Danielle Masursky (iSchool LIS student), inclusive privacy and security, 2017-present
- Rahul Kadam (EECS MS student), personalized privacy mental model, 2018 summer
- Anuj Shah (CMU MS student, summer intern and part-time researcher), inclusive privacy and security, 2017-present
- Kunal Paliwal (EECS MS student), personalized privacy mental model, 2017-present
- Pan Chen (iSchool MS student), teaching assistant for the graduate information visualization course, 2017-present
- Ellen Lindsey Bartlett (iSchool LIS student), accessible authentication, 2017
- Amandine Lemonnier (iSchool MS student), personalized privacy mental model, 2016-2017
- Xiao Li (iSchool MS student), accessible authentication, 2016-2017
- Sam Edelstein (iSchool MS student, now data scientist for the City of Syracuse), personalized privacy mental model, 2015-2016
- Jaydeep Uday Savjani (iSchool MS student), personalized privacy mental model, 2015-2016
- Sen Huo (iSchool MS student), teaching assistant for the graduate information visualization course, 2015-2016
- Chao Niu (iSchool MS student), predict regrettable behavior in social media, 2015-2016
- Saurabh Kantilal Patel (EECS MS student), accessible authentication, 2015-2016
- Pritesh Desai (EECS MS student), accessible authentication, 2015-2016
- Yao Li (iSchool MS student, now doctoral student at UCI), mobile social computing (publication W13), 2014-2015
- Tarun H Rajput (EECS MS student, now developer at Goldman Sachs), acces-

- sible authentication, 2014-2015
- Swathi Hrishikesh (EECS MS student), accessible authentication, 2014-2015
- Roshan Mahendra Kothari (iSchool MS student), predict regrettable behavior in social media, 2014-2015
- Rui Yang (EECS MS student), predict regrettable behavior in social media, 2014-2015
- Qianyi Wang (iSchool MS student), personalized privacy mental model, 2014-2015
- Sahil Mayank Baxi (iSchool MS student), teaching assistant for the graduate information visualization course, 2014-2015
- Zhiheng Mai (iSchool MS student), mobile social computing, 2013-2014
- Saurabh Madan (iSchool MS student), teaching assistant for the graduate database course, 2013-2014

*Honors thesis, (formerly Renée Crown University Honors Program)*      **2018-2019**

- Oriana Rosata McDonough (iSchool undergraduate student), designing for smart home privacy, 2018-2019

*McNair Scholar, McNair Post-baccalaureate Achievement Program*      **2013-2014**

- Terence Nip (EECS undergraduate student, now graduate student at UIUC), predicting regrettable behavior in social media, 2013-2014

*Other Undergraduate Students*      **2013-2019**

- Lindsay Ackerman (design school undergraduate student), inclusive privacy and security, 2017-present
- Justin Reed Basdeo (design school undergraduate student), inclusive privacy and security, 2017-present
- Nata Barbosa (iSchool undergraduate student), a framework for accessible authentication, selected to present in the Student Research Competition (SRC) at 16th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS2014), research led to a US Provisional Patent PA2, 2013-2015
- Jordan Hayes (iSchool undergraduate student now part-time researcher), authentication experiences of people with visual impairments (publication C26), 2013-present
- Alexander James Krapf (iSchool undergraduate student), privacy mental model, 2015-2016
- Mark Thomas Edmiston (iSchool undergraduate student), privacy mental model, 2015-2016
- Piranut Lappathana (iSchool undergraduate student), accessible authentication, 2015-2016
- Sarah Folger (design school undergraduate student), accessible authentication, 2016
- Satoko Mii (iSchool undergraduate student), privacy mental model, 2016
- Eduardo Nunez-Amador (iSchool undergraduate student), privacy mental model, 2016
- Zhining Gao (iSchool undergraduate student), mobile social computing, 2013-2014

*Summer Research Interns*      **2013-2019**

- Mohamad Hani Sulieman (EECS PhD student), Internet of Things privacy, summer 2018
- Smirity Kaushik (iSchool IM MS student), people's privacy rights under the General Data Protection Regulation (GDPR), summer 2018

- Charlotte Price (iSchool LIS MS student), hidden dis/ability disclosure, summer 2018
- Anuj Shah (master student from Carnegie Mellon University), inclusive privacy and security, summer 2017
- Natã Barbosa (iSchool PhD student), intent-oriented browsing, summer 2017
- Casey Sawyer (undergraduate student from University of the Pacific), privacy in drones, summer 2017
- Amandine Lemonnier (iSchool MS student), privacy awareness and education, summer 2017
- Eddie Huang (undergraduate student from UIUC), privacy mirror, summer 2016

*End-of-Coursework Committee Member* **2012-2019**

- Bryan Dosono (iSchool PhD student), 2017
- Yaxing Yao (iSchool PhD student), 2017
- Erica Mitchell (iSchool PhD student), 2017
- Huichuan Xia (iSchool PhD student), 2016
- Corey Jackson (iSchool PhD student), 2015
- Andreas Kuhn (iSchool PhD student), 2013
- Jerry Robinson (iSchool PhD student), 2013
- Jian Tang (iSchool PhD student), 2012

*Dissertation Committee Member* **2012-2019**

- Erica Mitchell (iSchool PhD student), 2020
- Andreas Kuhn (iSchool PhD student), 2016
- Jian Tang (iSchool PhD student), 2014

*Dissertation Internal Reader* **2013-2019**

- Grace Giraldo (iSchool Executive Doctoral student), 2014
- Veronica Maidel (iSchool PhD student), 2013
- Nathan Prestopnik (iSchool PhD student), 2013

*PhD Student Annual Evaluation Committee Member* **2013-2019**

- Nata Barbosa (iSchool PhD student), 2016-2018
- Yaxing Yao (iSchool PhD student), 2015-2018
- Qunfang Wu (iSchool PhD student), 2017
- Erica Mitchell (iSchool PhD student), 2017
- Sikana Tanupabrungsun (iSchool PhD student), 2015
- Huichuan Xia (iSchool PhD student), 2013-2017
- Bryan Dosono (iSchool PhD student), 2014
- Corey Jackson (iSchool PhD student), 2013

*PhD Qualification Committee Member* **2016-2019**

- Angela Rulffes (PhD student, Newhouse School of Public Communications), 2016

*PhD Defense Oral Chair* **2014-2019**

- Haozhi Wang (Physics PhD student), 2018
- Mu Zhang (CS PhD student), 2015
- Tongbo Luo (CS PhD student), 2014

**CyLab, CMU, Pittsburgh, PA USA**

*Mentor* **2010-2012**

- Pedro Leon (CMU PhD student), qualifier project, a usability study of opt-out tools for behavioral advertising (publication C17), 2011

- Rebecca Balebako (CMU PhD student), qualifier project, an effectiveness study of opt-out tools for behavioral advertising (publication W8), 2011
- Kevin Scott (CMU master student), Facebook nudge, 2011-2012
- Abhishek Devendraiah (CMU master student), Facebook nudge, 2010-2011
- Arvind Shrihari (CMU master student), prototyped an intelligent reactive access control for moving personal data (publication C15, software S??), 2010-2011
- Jimmy Wang (CMU master student), thesis project, prototyped a privacy-enhancing social media aggregator (software S??), 2010-2011
- Gregory Norcie (University of Pittsburgh undergraduate student, CMU research assistant), privacy in social media projects (publication C14, C13), 2010-2011

### **School of Information and Computer Sciences, UCI, Irvine, CA USA**

#### *Mentor*

- Jeffery White (UCI undergraduate student), prototyped a privacy-enhancing personalized application (publication C2), 2005-2006
- Frank Zhao Yu, Ramez Attia, Ryan Rusli Gozali, and Vishal Kothari (UCI undergraduate students), prototyped a dynamic architectural framework, 2006
- Deepika Gandhi and Sulagna Basu (UCI master students), helped design a user experiment evaluating a privacy-enhancing personalization mechanism, 2009

## PRESENTATIONS

### **Academic Talks**

- A44. The Third Wave? Inclusive Privacy and Security. PhD Research Colloquium in Computing and Information Sciences, College of Computing and Information Sciences, Rochester Institute of Technology, Rochester, NY, USA. Nov. 2018.
- A43. The Third Wave? Inclusive Privacy and Security. Fourteenth Symposium on Usable Privacy and Security (SOUPS 2018), Baltimore, MD, USA. August 2018.
- A42. The Third Wave? Inclusive Privacy and Security. Institute of Software Research (ISR), University of California, Irvine, CA, USA. June 2018.
- A41. The Third Wave? Inclusive Privacy and Security. Department of Computer Science, Colgate University, Hamilton, NY, USA. April 2018.
- A40. The Third Wave? Inclusive Privacy and Security. New Security Paradigm Workshop (NSPW2017), Santa Cruz, CA, USA. October 2017.
- A39. “They Should Be Convenient and Strong”: Password Perceptions and Practices of Visually Impaired Users. iConference 2017, Wuhan, China. March 2017.
- A38. An Overview of Undergraduate Programs in the Syracuse iSchool. iConference 2017, Wuhan, China. March 2017.
- A37. From Social Media Regrets to Privacy Nudges. School of Information Management, Central China Normal University, Wuhan, China. March 2017.
- A36. Inclusive Privacy and Security. School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, USA. March 2017.
- A35. Inclusive Privacy and Security. Department of Computer Information Systems, Bentley University, Waltham, MA, USA. June 2016.
- A34. Space Collapse: Reinforcing, Reconfiguring and Enhancing Chinese Social Practices through WeChat. The 10th International AAAI Conference on Web and Social Media (ICWSM2016), Cologne, Germany. May 2016.

- A33. Inclusive Privacy and Security. Center for Applied Cybersecurity Research (CACR), Indiana University, Bloomington, IN, USA. April 2016.
- A32. March 2016, iConference Information Privacy Workshop, Philadelphia, PA, USA
- A31. February 2016, ACM Conference on Computer Supported Collaborative Work and Social Computing (CSCW08), San Francisco, CA, USA
- A30. February 2016, [Interdisciplinary panel: Apple vs. FBI](#), Syracuse University, NY, USA
- A29. July 2014, the 10th Symposium on Usable Privacy and Security (SOUPS2014), Menlo Park, CA, USA
- A28. April 2014, ACM Conference on Computer Human Interaction (CHI2014), Toronto, Canada
- A27. December 2013, the School of Information Studies (iSchool) at Syracuse University, Syracuse, NY, USA
- A26. September 2013, the Third IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT2013), Boston, MA, USA
- A25. February 2012, the Computer Science Department at Worcester Polytechnic Institute, Worcester, MA, USA
- A24. January 2012, the School of Information Studies (iSchool) at Syracuse University, Syracuse, NY, USA
- A23. October 2011, the Third IEEE International Conference on Social Computing (SocialCom2011), Boston, MA, USA
- A22. October 2011, the Third IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT2011), Boston, MA, USA
- A21. July 2011, the 7th Symposium on Usable Privacy and Security (SOUPS2011), Pittsburgh, PA, USA
- A20. June 2011, the 4th International Conference on Trust and Trustworthy Computing (TRUST2011), Pittsburgh, PA, USA
- A19. March 2011, ACM CSCW11 Workshop on Designing Social and Collaborative Systems for China, Hangzhou, China
- A18. December 2010, Center for Interdisciplinary Studies in Security and Privacy (CRISSP), New York University, NY, USA
- A17. May 2010, CyLab Usable Privacy and Security (CUPS) Seminar, Carnegie Mellon University, Pittsburgh, PA, USA
- A16. March 2010, AAAI Privacy 2010 Symposium, Stanford University, Palo Alto, CA, USA
- A15. February 2010, Annual iConference, University of Illinois at Urbana-Champaign, Illinois, USA
- A14. October 2009, Annual Meeting of Institute of Operations Research and the Management Sciences (INFORMS09), San Diego, CA, USA
- A13. August 2009, 13th International Software Product Line Conference (SPLC09), San Francisco, CA, USA



- A12. August 2009, IEEE SocialCom09 Workshop on Security and Privacy in Online Social Networking, Vancouver, Canada
- A11. June 2009, 17th International Conference on User Modeling, Adaptation, and Personalization (UMAP09), Trento, Italy
- A10. February 2009, Human Computer Interaction Consortium (HCIC), Denver, USA
- A9. November 2008, ACM Conference on Computer Supported Collaborative Work (CSCW08), San Diego, CA, USA
- A8. April 2008, ACM Conference on Computer Human Interaction (CHI08), Florence, Italy
- A7. April 2008, ACM CHI08 Workshop on Evaluating User Experiences in Games, Florence, Italy
- A6. June 2007, 11th International Conference on User Modeling (UM07), Corfu, Greece
- A5. May 2007, IEEE CCGrid07 Workshop on Context-Awareness and Mobility in Grid Computing, Rio de Janeiro, Brazil
- A4. August 2006, 10th International Software Product Line Conference (SPLC06), Baltimore, MD, USA
- A3. April 2006, ACM CHI06 Workshop on Privacy-Enhanced Personalization, Montréal, Canada
- A2. July 2005, Doctoral Consortium of the 10th International Conference on User Modeling (UM05), Edinburgh, UK
- A1. July 2005, UM05 Workshop on Privacy-Enhanced Personalization, Edinburgh, UK

### **Industry Talks**

- I16. October 2019, Facebook, Menlo Park, CA, USA
- I15. March 2019, Facebook, Menlo Park, CA, USA
- I14. February 2018, Federal Trade Commission, DC, USA
- I13. January 2017, Federal Trade Commission, DC, USA
- I12. October 2016, Federal Trade Commission, DC, USA
- I11. July 2014, IBM Research, Almaden, CA, USA
- I10. November 2011, GE Global Research, San Ramon, CA, USA
- I9. November 2011, Samsung R&D Center, San Jose, CA, USA
- I8. October 2011, MicroStrategy, Washington DC, USA
- I7. April 2011, World Wide Web Consortium (W3C) Workshop on Web Tracking and User Privacy, Princeton University, Princeton, NJ, USA
- I6. January 2011, Alcatel-Lucent Bell Labs, Nozay, France
- I5. October 2010, World Wide Web Consortium (W3C) Workshop on Privacy and Data Usage Control, Massachusetts Institute of Technology, Boston, MA, USA
- I4. July 2007, Intel Product Design Center, Shanghai, China

- I3. April 2007, Intel Research, People and Practices group, Beaverton, Oregon, USA
- I2. August 2006, Fuji Xerox Palo Alto Laboratory, Palo Alto, CA, USA
- I1. July 2005, CommerceNet, Palo Alto, CA, USA

## SERVICES

### Consulting

- A Global Legal Survey of Internet Privacy, United Nations Educational, Scientific and Cultural Organization (UNESCO), 2011

### Academic Services

#### *Funding Proposal Review*

- Review Panelist, National Science Foundation, Secure and Trustworthy Cyberspace (SaTC), 2018
- Review Panelist, National Science Foundation, Secure and Trustworthy Cyberspace (SaTC), 2015
- Ad-Hoc Reviewer, National Science Foundation, Science, Technology, and Society (STS), 2014
- Ad-Hoc Reviewer, National Science Foundation, Division of Information & Intelligent Systems, 2012
- External Review, Portugal Foundation for Science and Technology (FCT, Portugal's Federal Funding Agency), 2012

#### *Journal Editorial Board*

- Editorial Board member, Proceedings on Privacy Enhancing Technologies (PoPETs), 2015-2017

#### *Workshop Organizer*

- Co-organizer, [The 5th Workshop on Inclusive Privacy and Security \(WIPS 2020\)](#), Symposium on Usable Privacy and Security (SOUPS2020)
- Co-organizer, [The 4th Workshop on Inclusive Privacy and Security \(WIPS 2019\)](#), Symposium on Usable Privacy and Security (SOUPS2019)
- Co-organizer, [The 3rd Workshop on Inclusive Privacy and Security \(WIPS 2018\)](#), Symposium on Usable Privacy and Security (SOUPS2018)
- Co-organizer, [Workshop on Privacy in Context: Critically Engaging with Theory to Guide Privacy Research and Design](#), ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW2018)
- Co-organizer, [Great Lakes Security Day 2017](#), Sep. 22, 2017, Rochester Institute of Technology
- Co-organizer, [The 2nd Workshop on Inclusive Privacy and Security \(WIPS 2017\)](#), Thirteenth Symposium on Usable Privacy and Security (SOUPS2017)
- Co-organizer, [Workshop on In Whose Best Interest? Exploring the Real, Potential, and Imagined Ethical Concerns in Privacy-Focused Agendas](#), ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW2017)
- Co-organizer, [Workshop on Inclusive Privacy and Security](#), Symposium on Usable Privacy and Security (SOUPS2015)
- Co-organizer, [Workshop on Visualization Pedagogy in iSchools](#), iConference 2015
- Co-organizer, [workshop on Developing Social and Collaborative Systems for China](#), ACM Conference on Computer Supported Cooperative Work (CSCW2011)

#### *Organizing or Program Committee Member*

- Program committee member, the ACM Conference on Human Factors in Computer Systems (CHI2015-2020)

- Program committee member, International Conference on Information Systems (ICIS2018)
- Program committee member, Symposium On Usable Privacy and Security (SOUPS2014, 2017, 2018)
- John Karat Student Research Award committee member, Symposium on Usable Privacy and Security (SOUPS2018)
- Program committee member, European Workshop on Usable Security (EuroUSEC2018)
- Program committee member, CHI 2018 Workshop on Exploring Individual Differences in Privacy
- Program committee member, Workshop on Bridging Industry and Academia to Tackle Responsible Research and Privacy Practices 2017
- Invited Talks Chair, Symposium On Usable Privacy and Security (SOUPS2016)
- Program committee member, iConference (2016)
- Program committee member, the 18th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2015)
- Program committee member, Privacy Enhancing Technologies Symposium (PETS2015, 2016)
- Posters Co-Chair, Symposium On Usable Privacy and Security (SOUPS2014)
- Program committee member, the 7th International AAAI Conference on Weblogs and Social Media (ICWSM2013)
- Program committee member, International Conference on User Modeling, Adaptation, and Personalization (UMAP2012-2014)
- Lightning Talks and Demos Chair, Symposium On Usable Privacy and Security (SOUPS2013)
- Program committee member, Socio-economic Strand, International Conference on Trust and Trustworthy Computing (TRUST2012, 2013)
- Program committee member, Workshop on Measuring Networked Social Privacy: Qualitative & Quantitative Approaches (CSCW2013)
- Program committee member, International Symposium of Chinese CHI (ChineseCHI 2013-2014)
- Program committee member, Work-In-Progress track, ACM Conference on Human Factors in Computer Systems (CHI2012)
- Program committee member, the 10th Asia Pacific Conference on Computer Human Interaction (APCHI 2012)
- Program committee member, the 4th International Conference on Intercultural Collaboration (ICIC2012)
- Program committee member, Workshop on the Socio-Technical Aspects of Security and Trust (STAST2012)
- Program committee member, Trust, Reputation and User Modeling (TRUM) Workshop, International Conference on User Modeling, Adaptation, and Personalization (UMAP2012, UMAP2011)
- Co-chair of Workshops and Tutorials, International Conference on User Modeling, Adaptation, and Personalization (UMAP2010)
- Program committee member, Dynamic and Adaptive Hypertext (DAH09) workshop, the 20th ACM Hypertext Conference (Hypertext2009)
- Session chair, Workshop on Security and Privacy in Online Social Networking, IEEE International Conference on Social Computing (SocialCom09)

*Journal Review*

- ACM Transactions on Social Computing
- IEEE Internet Computing
- New Media & Society
- Information Systems Research
- Transactions on Intelligent Systems and Technology

- Electronic Markets: The International Journal on Networked Business
- ACM Transactions on Information and System Security
- The Information Society
- Annals of Telecommunications
- Future Generation Computer Systems
- Journal of the American Society for Information Science and Technology
- Behaviour & Information Technology
- Pervasive and Mobile Computing
- User Modeling and User Adaptive Interaction
- Knowledge Engineering Review
- IEEE Security & Privacy
- IEEE Transactions on Systems, Man and Cybernetics, Part B
- Data and Knowledge Engineering

*Book Chapter Review*

- User Modeling and Adaptation for Daily Routines, Springer, 2012
- Intelligent User Interfaces: Adaptation and Personalization Systems and Technologies, IGI Global, 2008

*Conference or Workshop Paper Review*

- Workshop on Bridging Industry and Academia to Tackle Responsible Research and Privacy Practices, 2017
- Posters Jury, Symposium On Usable Privacy and Security (SOUPS2017)
- ACM Conference on Computer Human Interaction (CHI2009-2018)
- ACM Conference on Computer Supported Cooperative Work (CSCW2010, 2011, 2015-2018)
- Privacy Enhancing Technologies Symposium (PETS2015-2017)
- 19th International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI2017)
- Pacific Asia Conference on Information Systems (PACIS2015)
- ACM Conference on Designing Interactive Systems (DIS2014)
- CSCW2015 Workshop on The Future of Networked Privacy: Challenges & Opportunities
- 20th ACM Conference on Computer and Communications Security (CCS2013)
- International Conference on Information Systems (ICIS 2013)
- The 7th International AAAI Conference on Weblogs and Social Media (ICWSM2013)
- International Symposium of Chinese CHI (ChineseCHI 2013, 2014)
- 21st European Conference on Information Systems (ECIS2013)
- International Symposium on Usable Privacy and Security (SOUPS2012, 2013, 2014)
- International Conference on User Modeling, Adaptation, and Personalization (UMAP2012, 2013, 2014)
- International Conference on Trust and Trustworthy Computing (TRUST2012, 2013)
- ACM Conference on Intercultural Collaboration (ICIC2012)
- Asia Pacific Conference on Computer Human Interaction (APCHI 2012)
- ACM Conference on Ubiquitous Computing (UbiComp2011, 2012)
- ACM Symposium on Computing for Development (DEV2010)
- iConference (2009, 2013, 2016)

*Volunteer*

- Website designer, UM05 Workshop on Privacy-Enhanced Personalization
- Student volunteer for UM07, CHI08 and CSCW08

## Community Services

### *Volunteer*

- Volunteer, ACM SIGCHI Inclusion team, 2019-present
- Course instructor, short course on hands-on security, University of Illinois Laboratory High School, 2020
- Organizer, privacy/security tutorial/workshop, Syracuse Chapter of National Federation of the Blind (NFB), 2019
- Volunteer, summer picnics, Syracuse Chapter of National Federation of the Blind (NFB), 2016-2018
- Invited speaker, CNY Central NBC3 Monday Night show on computer security, Aug. 10th, 2015
- CyLab Social Committee member, CMU, 2010-July 2012
- Panelist representing international students, Staff Development Conference for Student Affairs Professionals, UCI, 2008
- Representative of Chinese students, UCI International Education Week, 2008

## LEADERSHIP

### **International Chinese Association of Human Computer Interaction (ICAHCI)**

*Co-chair of Secretary Office* 2012 to 2014

- Organized ICAHCI activities

### **Chinese HCI Group**

*Group Co-organizer* 2006 to 2011

- Initiated the group first at CHI06 in Montréal, Canada
- Helped grow the group to have over 50 members from Asia, North America and Europe
- Managed a Yahoo mailing list and a Facebook group
- Organized meetings at major HCI conferences

## MEMBERSHIP

ACM: Association for Computing Machinery

ACM SIGCHI: Special Interest Group on Computer-Human Interaction

IEEE: Institute of Electrical and Electronics Engineers

## REFERENCES

Dr. Lorrie Faith Cranor, FORE Systems Professor, Computer Science and Engineering & Public Policy, Carnegie Mellon University

- Email: [lorrie@cs.cmu.edu](mailto:lorrie@cs.cmu.edu)

Dr. Alessandro Acquisti, Professor of Information Technology and Public Policy, PwC William W. Cooper Professor of Risk and Regulatory Innovation, Carnegie Mellon University

- Email: [acquisti@andrew.cmu.edu](mailto:acquisti@andrew.cmu.edu)

Dr. Alfred Kobsa, Professor, School of Information and Computer Sciences, University of California, Irvine

- Email: [kobsa@uci.edu](mailto:kobsa@uci.edu)

Dr. Jason Hong, Professor, Human Computer Interaction Institute, School of Computer Science, Carnegie Mellon University

- Email: [jasonh@cs.cmu.edu](mailto:jasonh@cs.cmu.edu)

Dr. Gene Tsudik, Chancellor's Professor, School of Information and Computer Sciences, University of California, Irvine

- Email: [gts@ics.uci.edu](mailto:gts@ics.uci.edu)