

Yang Wang

CONTACT INFORMATION	342 Hinds Hall School of Information Studies Syracuse University Syracuse, New York 13244	<i>Voice:</i> (315) 443-3744 <i>E-mail:</i> ywang@syr.edu <i>Web:</i> yangwang.syr.edu <i>Lab:</i> salt.ischool.syr.edu
RESEARCH INTERESTS	Privacy, Security, Human-Computer Interaction, Social Computing, Accessible Computing, User Modeling and Personalization, Mobile and Ubiquitous Computing	
EDUCATION	Ph.D. , Information and Computer Science (March 2010) University of California, Irvine (UCI) <ul style="list-style-type: none">• Thesis: A Framework for Privacy-Enhanced Personalization• Committee: Dr. Alfred Kobsa, Dr. André van der Hoek, and Dr. Gene Tsudik M.S. , Information and Computer Science, 2005, UCI B.S. , Computer Science, 2001, Chengdu University of Technology (CDUT), China	
APPOINTMENTS	Assistant Professor , School of Information Studies, Syracuse University (Co-director of Social Computing Systems Lab), 2012-Present Affiliated Faculty Member , Institute of Software Research, University of California, Irvine, 2013-Present Research Scientist (essentially Post-Doc), CyLab, Carnegie Mellon University (CMU), mentored by Dr. Lorrie Faith Cranor and Dr. Alessandro Acquisti, 2010-2012 Research Assistant , Institute of Software Research, UCI, 2004-2010 Research Intern , Intel Labs, mentored by Dr. Scott Mainwaring, June-Sep. 2007 Research Intern , Fuji Xerox Palo Alto Laboratory (FXPAL), mentored by Dr. Daniel Billsus and Dr. David Hilbert, June-Sep. 2006 Research Intern , CommerceNet, mentored by Dr. Rohit Khare, June-Sep. 2005 Mobile System Engineer , Chengdu Bell, 2001-2002	
HONORS AND AWARDS	NSF CAREER Award, 2017 Contribution Award, International Chinese Association of Computer Human Interaction (ICACHI), 2016 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 undergraduate student Nata Barbosa who won the Silver Medal in Student Research Competition (SRC) at 16th International ACM SIGACCESS Conference on Computers and Accessibility (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 Paper Honorable Mention (awarded to top 5% of submissions), 2012 Phi Beta Kappa International Scholarship, 2009 UCI Graduate Dean’s Dissertation Fellowship (2 per school), 2009 Graduate Student Fellowship, UCI, 2003	

Google Scholar: 1347 citations, h-index 19 as of 1/1/2017
<https://scholar.google.com/citations?user=bN-ipRAAAAAAJ>

* represents my current or previous students

Refereed Journal Papers

- J7. P. Leon, I. Adjerid, R. Balebako, L. Brandimarte, S. Komanduri, F. Schaub, M. Sleeper, **Y. Wang**, S. Wilson, A. Acquisti, L. Cranor, N. Sadeh (2017): Nudges for Privacy and Security: Understanding and Assisting Users' Choices Online. To appear in ACM Computing Surveys.
- 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

- 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]
- 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). [**Best Paper Honorable Mention**, 23% acceptance rate]
- 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. Aiyeokun, 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

- 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

- 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

- 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
APPLICATION

Patent Application / Technology Disclosure

- PA1. Nata Barbosa, Yang Wang: Website Authentication Using An Internet-Connected Device, US provisional patent application (March 2015), Patent Cooperation Treaty (PCT) application (April 2016), <https://www.google.com/patents/WO2016161398A1>.

SELECTED
PRESS

Work Reported by Popular Media

- P13. Live interview with Tom Ashbrook, China Explores Social Credit Scores, **NPR Show “On Point”**, December 1, 2016.
- P12. Live interview with Rhod Sharp, Up All Night Show, **BBC Radio 5 Live**, November 29, 2016.
- P11. Josh Chin and Gillian Wong, “China’s New Tool for Social Control: A Credit Rating for Everything”, **The Wall Stree Journal**, November 28, 2016.
- P10. Alana LaFlore, “Protecting Privacy on Facebook Can Be a Challenge”, **Time Warner Cable News**, September 20, 2015.
- P9. Chris Berdik, “Your Privacy Settings Make No Sense”, **Pacific Standard Magazine**, October 31, 2013.
- P8. Elise Hu, “When Social Sharing Goes Wrong: Regretting The Facebook Post”, **National Public Radio (NPR)**, July 8, 2013.
- P7. Joseph Boris, “Privacy Attitudes and NSA Leaks”, **China Daily** (No. 1 English-language newspaper in China), June 23, 2013.

- P6. Tom Loftus, “Study: Usability Issues Plague Tools that Limit Online Behavioral Advertising”, **Wall Street Journal**, October 31, 2011.
- P5. Steve Lohr, “The Default Choice, So Hard to Resist”, **New York Times**, October 16, 2011.
- P4. Kashmir Hill, “Don’t Let These Facebook Follies Happen to You”, **Forbes**, June 24, 2011.
- P3. Eliza Strickland, “Privacy on Social Networks: American, Chinese, and Indian Perspectives”, **IEEE Spectrum**, May 23, 2011.
- P2. Olga Kharif, “Virtual Currencies Gain in Popularity”, **BusinessWeek**, May 6, 2009.
- P1. Luca Chittaro, “The Color of The Penny”, **Il Sole 24 Ore** (major Italian financial newspaper, circulation: 375,000 copies), April 3, 2008.

SOFTWARE

Software Prototypes (core contributor)

- S5. An Inclusive Authentication Framework, iSchool, SU, January 2015.
- S4. Facebook Privacy Nudges, CyLab CMU, June 2012.
- S3. MyData: Intelligent Reactive Access Control for Moving Data Envelopes, CyLab CMU, May 2011.
- S2. MyStuff: A Privacy-Enhancing Social Media Aggregator, CyLab CMU, Dec. 2010.
- S1. PEP: A Privacy-Enhancing Personalization Framework, ISR UCI, May 2010.

GRANTS

External and Internal Funding (Total: \$5.4 million, as PI: \$1.7 million)

- 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 Studies (iSchool), Syracuse University, Syracuse, NY

Course Instructor **2012-present**

- IST 359 Introduction to Database Management Systems (undergraduate class), 19 students, Fall 2012
- IST 449 Human-Computer Interaction (undergraduate class), 30 students, Spring 2014
- IST 659 Introduction to Database Management Systems (graduate class), 27 students, Spring 2013
- IST 659 Introduction to Database Management Systems (graduate class), 28 students, Fall 2013
- 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 719 Information Visualization (online graduate class), 5 students, Spring 2015
- IST 719 Information Visualization (online graduate class), 6 students, Summer 2015
- IST 719 Information Visualization (online graduate class with a Fidelity Cohort), 15 students, Summer 2015
- IST 719 Information Visualization (online graduate class), 10 students, Fall 2015

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

iSchool, Syracuse University, Syracuse, NY USA

Doctoral Students **2012-present**

- Huichuan Xia (iSchool PhD student), research assistant and doctoral advisee, privacy in tracking/recording technologies (publication C28), 2013-present
- Yaxing Yao (iSchool PhD student), research assistant and doctoral advisee, inclusive privacy design, 2015-present
- 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), 2014-present
- 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-present

- Sam Edelstein (iSchool master student, now data scientist for the City of Syracuse), personalized privacy mental model, 2015-present
- Jaydeep Uday Savjani (iSchool master student), personalized privacy mental model, 2015-present
- Sen Huo (iSchool MS student), teaching assistant for the graduate information visualization course, 2015-present
- Chao Niu (iSchool master student), predict regrettable behavior in social media, 2015-present
- Saurabh Kantilal Patel (EECS master student), accessible authentication, 2015-present
- Pritesh Desai (EECS master student), accessible authentication, 2015-present
- Yao Li (iSchool master student, now doctoral student at UCI), mobile social computing (publication W13), 2014-2015
- Tarun H Rajput (EECS master student, now developer at Goldman Sachs), accessible authentication, 2014-2015
- Swathi Hrishikesh (EECS master student), accessible authentication, 2014-2015
- Roshan Mahendra Kothari (iSchool master student), predict regrettable behavior in social media, 2014-2015
- Rui Yang (EECS master student), predict regrettable behavior in social media, 2014-2015
- Qianyi Wang (iSchool master 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 master student), mobile social computing, 2013-2014
- Saurabh Madan (iSchool master student), teaching assistant for the graduate database course, 2013-2014

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

Undergraduate Students

2013-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 PA1, 2013-present
- 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-present
- Mark Thomas Edmiston (iSchool undergraduate student), privacy mental model, 2015-present
- Piranut Lappprathana (iSchool undergraduate student), accessible authentication, 2015-present
- Zhining Gao (iSchool undergraduate student), mobile social computing, 2013-2014

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

- 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-present**

- Andreas Kuhn (iSchool PhD student), expected 2016
- Jian Tang (iSchool PhD student), 2014

Dissertation Internal Reader **2013-present**

- 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-present**

- Sikana Tanupabrungsun (iSchool PhD student), 2015
- Huichuan Xia (iSchool PhD student), 2013, 2014
- Bryan Dosono (iSchool PhD student), 2014
- Corey Jackson (iSchool PhD student), 2013

PhD Qualification Committee Member **2016-present**

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

PhD Defense Oral Chair **2014-present**

- 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 S3), 2010-2011
- Jimmy Wang (CMU master student), thesis project, prototyped a privacy-enhancing social media aggregator (software S2), 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

- A37. March 2017, iConference 2017, Wuhan, China
- A36. March 2017, School of Information Management, Central China Normal University, Wuhan, China
- A35. March 2017, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, USA
- A34. May 2016, the 10th International AAAI Conference on Web and Social Media (ICWSM2016), Cologne, Germany
- A33. April 2016, Center for Applied Cybersecurity Research (CACR), Indiana University, Bloomington, IN, USA
- 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

- 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), 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-present

Workshop Organizer

- 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, Symposium On Usable Privacy and Security (SOUPS2017)
- Program committee member, the ACM Conference on Human Factors in Computer Systems (CHI2015, 2016, 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)
- Program committee member, Symposium On Usable Privacy and Security (SOUPS2014)
- 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

- 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

- Posters Jury, Symposium On Usable Privacy and Security (SOUPS2017)
- ACM Conference on Computer Human Interaction (CHI2009-2017)
- ACM Conference on Computer Supported Cooperative Work (CSCW2010, 2011, 2015, 2016)
- Privacy Enhancing Technologies Symposium (PETS2015, 2016, 2017)
- 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)

Volunteer

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

Community Services

Volunteer

- 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

OCTANe, Orange County, CA, USA

OCTANe Next Program Committee Member 2008 to 2010

- Helped grow and manage OCTANe Next, a program with over 400 members for nurturing Orange County's next-generation business leaders
- Helped plan and organize outreach and member events

Verano Place Housing, UCI, Irvine, CA, USA

Verano Residents Council Member June 2008 to June 2009

- One of the five elected representatives for over 3000 residents in the Verano Place graduate student housing community at UCI
- Represented and advocated for the residents to housing administration

Association of Graduate Students, UCI, Irvine, CA, USA

Graduate Council Member June 2007 to May 2008

- One of the three elected representatives of the School of Information and Computer Sciences in the Graduate Council
- Represented and advocated for graduate students to university administration

MEMBERSHIP

ACM: Association for Computing Machinery

ACM SIGCHI: Special Interest Group on Computer-Human Interaction

IEEE: Institute of Electrical and Electronics Engineers