

Yuanyuan Feng

Yuanyuan.Feng@uvm.edu • <http://www.yuanyuanfeng.com>

RESEARCH AREAS Human-computer interaction; usable privacy & security; privacy-enhancing technologies; applied machine learning/artificial intelligence; ubiquitous computing; health informatics; personal informatics.

ACADEMIC APPOINTMENT **Assistant Professor** Jul 2021 – present
Department of Computer Science
College of Engineering and Mathematical Sciences
University of Vermont, Burlington, VT, USA

Post-Doctoral Associate Jul 2018 – Jun 2021
Institute for Software Research
School of Computer Science
Carnegie Mellon University, Pittsburgh, PA, USA

EDUCATION **Ph.D. in Information Studies** Jun 2018
College of Computing & Informatics
Drexel University, Philadelphia, PA, USA

M.S. in Information Science May 2013
School of Information & Library Science
University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

Bachelor's in Library & Information Science Jun 2011
School of Information Management
Sun Yat-sen University, Guangzhou, China

PUBLICATIONS **COMPETITIVELY PEER-REVIEWED JOURNAL ARTICLES AND CONFERENCE PAPERS**

- [C22] *Zhang, S., Feng, Y., and Sadeh, N. (2021). **Facial recognition: Understanding privacy concerns and attitudes across increasingly diverse deployment scenarios**. The Seventeenth Symposium on Usable Privacy and Security (SOUPS'21).
- [J21] *Smullen, D., Yao, Y., Feng, Y., Sadeh, N., Edelstein, A., & Weiss, R. (2021). **Managing potentially intrusive practices in the browser: A user-centered perspective**. *Proceedings on Privacy Enhancing Technologies (PoPETS)*, 2021(4), 500-527. [2021 acceptance rate: 19%]
- [C20] Feng, Y., Yao, Y., and Sadeh, N. (2021). **A Design space for privacy choices: Towards meaningful privacy control in the Internet of Things**. The ACM CHI Conference on Human Factors in Computing Systems (CHI'2021).
- [J19] *Zhang, S., Feng, Y., Bauer, L., Cranor L.F., Das, A., & Sadeh, N. (2021). **Did you know this camera tracks your mood? Modeling people's privacy expectations and preferences in the age of video analytics**. *Proceedings on Privacy Enhancing Technologies (PoPETS)*, 2021(2), 282-304. [2021 acceptance rate: 19%]
- [C18] Colnago, J., Feng, Y., Palanivel, T., Pearman, S., Ung, M., Acquisti, A., Cranor, L., & Sadeh, N. (2020). **Informing the design of a personalized privacy assistant for the Internet of Things**. The ACM CHI Conference on Human Factors in Computing Systems (CHI'2020).
- [C17] *Kumar, V.B., Iyengar, R., Nisal, N., Feng, Y., Habib, H., ..., & Sadeh, N. (2020). **Finding a choice in a haystack: Automatic extraction of opt-out statements from privacy policy text**. The Web Conference (WWW'2020). [acceptance rate: 19%]
- [J16] Kim, M.C., Feng, Y., & Zhu, Y. (2020, early view). **Mapping scientific profile and knowledge diffusion of Library Hi Tech**. *Library Hi Tech*. [2018 JCR impact factor:1.256]

In the interdisciplinary fields I work in, publications in both reputable journals and top-tier conferences undergo a rigorous peer-review process and are therefore highly valued. Author names are generally listed in order of descending effort towards the scientific contribution, with those who funded and managed the work appearing last. Asterisk * denotes students mentored by me at the time of publication.

- [J15] Shin, G., Feng, Y., Gafinowitz, N. & Jarrahi, M.H. (2020). **Improving patient engagement by fostering the sharing of activity-tracker data with providers: A qualitative study.** *Health Information and Libraries Journal*, 37(3), 204-215. [2018 JCR impact factor:1.179]
- [J14] *Smullen, D., Feng, Y., Zhang, S., & Sadeh, N. (2020). **The best of both worlds: Mitigating trade-offs between accuracy and user burden in capturing mobile app privacy preferences.** *Proceedings on Privacy Enhancing Technologies (PoPETS)*, 2020(1), 195-215. [2020 acceptance rate: 23%]
- [J13] Feng, Y. (2019). **The enhanced participant-driven photo elicitation method for everyday life health information behaviour research.** *Aslib Journal of Information Management*, 71(6), 720-738. [2018 JCR impact factor:1.702]
- [J12] Feng, Y., & Agosto, D.E. (2019). **Revisiting personal information management through information practices with activity tracking technology.** *Journal of the Association for Information Science and Technology*, 70(12),1352-1367. [2018 JCR impact factor:2.738]
- [J11] Feng, Y., & Agosto, D.E. (2019). **From health to performance: Amateur runners' personal health information management with activity tracking technology.** *Aslib Journal of Information Management*, 71(2), 217-240. [2018 JCR impact factor:1.702]
- [C10] *Zhang, S., Schaub, F., Feng, Y., & Sadeh, N. (2019). **"It only tells me how I slept, not how to fix it": Exploring sleep behaviors and opportunities for sleep technology.** In *Proceedings of the iConference 2019* (pp.754-766), Washington, DC, March 31-April 3, 2019. [acceptance rate: 34%]
- [J9] Shin, G., Feng, Y., Jarrahi, M.H., & Gafinowitz, N. (2018). **Beyond novelty effect: A mixed-methods exploration into the motivation for long-term activity tracker use.** *JAMIA Open*, 2(1), 62-72. [a Golden Open Access journal of the American Medical Informatics Association]
- [C8] Caro, K., Feng, Y., Day, T., Freed, E. Fox, B., & Zhu, J. (2018). **Understanding the effect of existing positive relationships on a social motion-based game for health.** In *Proceedings of the 12th EAI International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth)*. New York, NY, May 21-24, 2018. [acceptance rate: 24%]
- [J7] Feng, Y., & Richards, L. (2018). **A review of digital curation professional competencies: Theory and current practices.** *Records Management Journal* 28(1), 62-78. [in Emerging Sources Citation Index (ESCI)]
- [C6] Feng, Y., Li, K., & Agosto, D.E. (2017). **Healthy users' personal health information management from activity trackers: The perspective of gym-goers.** In *Proceedings of the 80th Annual Meeting of Association for Information Science & Technology (ASIS&T)* (pp.72-81). Washington, DC, October 27 - November 1, 2017. [acceptance rate: 38%]
- [J5] Li, K., Yan, E., & Feng, Y. (2017). **How is R cited in research outputs? Structure, impacts, and citation standard.** *Journal of Informetrics*, 11(4), 989-1002. [JCR impact factor: 3.484]
- [C4] Feng, Y., & Agosto, D.E. (2017). **A survey on management of personal health information from activity trackers.** In *Proceedings of the iConference 2017* (pp.370-377), Wuhan, China, March 22-25, 2017.
- [J3] Feng, Y., & Agosto, D.E. (2017). **The experience of mobile information overload: Struggling between needs and constraints.** *Information Research*, 22(2), paper 754. [JCR impact factor: 0.762; acceptance rate: 35%]
- [C2] Richards, L., Townes, A., & Feng, Y. (2014). **Curation through the back door: Enabling big data curation capabilities in a non-archival organization.** In *Proceedings of the 2014 Archival Education and Research Institute*, Pittsburgh, PA, July 14-18, 2014.
- [J1] Wu, L., & Feng, Y., (2010). **The applications and development strategies of SNS in libraries.** *Library and Information Service*, 54(19), 24-27. [A core information science journal in Chinese]

PEER-REVIEWED PANELS, POSTERS, DEMOS, AND EXTENDED ABSTRACTS

- [P6] Ilhan, A., Feng, Y., Fietkiewicz, K.J., & Eikev, E.V. (2020). **Opportunities and challenges of self tracking technologies: Understanding information, technology, and users through the lens of information science.** In *Proceedings of the Association for Information Science & Technology (ASIS&T)*, 2020.

- [P5] Sadeh, N., Feng, Y., Donnell, J., & Misra, G. (2019) **A Privacy Infrastructure for Notice and Choice in the Internet of Things**. Poster/Demo at the Fifteenth Symposium on Usable Privacy and Security (SOUPS 2019), Santa Clara, CA, August 11-13, 2019.
- [P4] Zimmeck, S., Story, P., Goldstein, R., Baraka, D., Li, S., Feng, Y., & Sadeh, N. (2019) **Compliance Traceability: Privacy Policies as Software Development Artifacts**. Poster/Demo at the Open Day for Privacy, Usability, and Transparency (PUT 2019), Stockholm, Sweden, July 15, 2019.
- [P3] Zhu, J., Feng, Y., Furqan, A., Gray, R.C., Day, T., Nebolsky, J., & Caro, K. (2018). **Towards extending social exergame engagement with agents**. In *Proceedings of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW)*, Jersey City, NJ, November 3-7, 2018.
- [P2] Kim, M. C., Feng, Y., Zhu, Y., & Ping, Q. (2015) **Quantitative exploration into the diffusion process of creative ideas in economics: Noble Prize laureates**. In *Proceedings of the 78th Annual Meeting of Association for Information Science & Technology (ASIS&T)*, St. Louis, MO, November 6-10, 2015.
- [P1] Feng, Y. & Agosto, D. E. (2014). **Overwhelmed by smartphones? A qualitative investigation into mobile information overload**. In *Proceedings of the 77th Annual Meeting of Association for Information Science & Technology (ASIS&T)*, Seattle, WA, November 1-4, 2014.

OTHER ABSTRACTS AND WORKSHOP PAPERS (LIGHTLY PEER-REVIEWED)

- [O3] Feng, Y. (2018). **Managing personal health information from activity trackers: The healthy users' perspective**. Poster selected to the Jean Tague-Sutcliffe Doctoral Student Poster Competition at the 2018 Association for Library and Information Science Education Conference (ALISE), Denver, CO, February 6-9, 2018.
- [O2] Feng, Y., & Agosto, D.E. (2016). **Long-term management of personal health information generated by activity trackers**. Position Paper at the Workshop on Personal Information Management at the ACM Conference on Human Factors in Computing Systems (CHI), San Jose, CA, May 7-8, 2016.
- [O1] Richards, L., Regli, W. C., Townes, A., & Feng, Y. (2014). **Scientific data curation in government agencies: Teaching agency data creators how to develop an OAIS-compliant digital curation system**. Poster presented at the Society of American Archivists (SAA) 2014 Research Forum in Washington, DC, August 10-16, 2014.

NON-ARCHIVAL PUBLICATIONS AND TECHNICAL REPORTS

- [N2] Zhang, S.A., Feng, Y., Das, A., Bauer, L., Cranor, L., & Sadeh, N. (2020). **Understanding people's privacy attitudes towards video analytics technologies**. In *Proceedings of U.S. Federal Trade Commission's PrivacyCon 2020*.
- [N1] Richards, L., Regli, W.C., Townes, A., Feng, Y., & Mansheim, A. (2016). **Developing curation capacity and systems at the William J. Hughes Technical Center: Final report**. Government contract DTFAC-12-A-80003 from William J. Hughes Technical Center of the Federal Aviation Administration, Atlantic City, NJ.

PRESENTATIONS & TALKS

SELECTED CONFERENCE PRESENTATIONS

- Feng, Y., Yao, Y., & Sadeh, N. (2021). "Designing meaningful privacy choice experiences for users". Referred talk at the 2021 Conference on Privacy Engineering Practice and Respect (PEPR'21). June 10-11, 2021 (virtual).

TEACHING

INSTITUTIONS & COURSES

Department of Computer Science, University of Vermont

Instructor/Course Creator

Aug 2021 – now

- CS 228: Human-Computer Interaction (Fall '21)

College of Computing & Informatics, Drexel University

Instructor/Teaching Fellow

Mar 2016 – Dec 2017

- INFO 649 (Online): Library Programming (Spring '16 '17, Fall '16 '17)
- INFO 753 (Online): Introduction to Digital Curation (Summer '16 '17, Winter '17)

	Teaching Assistant	Jun 2015 – Mar 2016
	<ul style="list-style-type: none"> ▪ INFO 608: Human-Computer Interaction (Summer '15) ▪ INFO 649: Library Programming (Fall '15) ▪ INFO 753: Digital Curation (Winter '16) 	
	Guest Lecturer	Jan 2018 – Mar 2020
	<ul style="list-style-type: none"> ▪ INFO 215: Social Aspects of Information Systems (Winter '18 '20) ▪ INFO 679: Information Ethics (Winter '18) 	
	TEACHING CERTIFICATES	
	<ul style="list-style-type: none"> ▪ Quality Matters APPQMR Certificate 2017 Applying the QM rubric for online course assessment 	
HONORS & AWARDS	SCHOLARSHIPS AND FELLOWSHIPS	
	<ul style="list-style-type: none"> ▪ Belver C. Griffith Memorial Endowed Scholarship 2017 For academic excellence in library and information science field at Drexel University (\$3500) ▪ School of Information and Library Science Fellowship 2012 For academic excellence at School of Information and Library Science, UNC – Chapel Hill (\$2500) ▪ National Scholarship of China 2009 Awarded by Ministry of Education of the People's Republic of China (2%) ▪ Shang Chengzuo Endowed Scholarship 2008, 2010 For academic excellence in library science major at Sun Yat-sen University (5%) ▪ First Prize Scholarship 2008, 2009, 2010 For academic excellence at Sun Yat-sen University (5%) 	
	AWARDS AND COMPETITIONS	
	<ul style="list-style-type: none"> ▪ ASIS&T Student Design Competition, First Place 2015 Awarded by the 78th Annual Meeting of Association for Information Science & Technology (ASIS&T) ▪ Outstanding Graduate Award 2011 As an outstanding graduate of Sun Yat-sen University (5%) 	
SERVICE & MEMBERSHIPS	JOURNAL EDITING	
	<ul style="list-style-type: none"> ▪ Guest Editor 2019 – 2020 Special Issue on “Emerging Perspectives on Health Information Needs” Aslib Journal of Information Management [2018 JCR impact factor:1.702] 	
	CONFERENCE ORGANIZING	
	<ul style="list-style-type: none"> ▪ Co-Chair 2019 – 2020 Mintrack on health information behavior and activity tracking technology The 53th Hawaii International Conference on System Sciences (HICSS) 	
	REVIEWING	
	<ul style="list-style-type: none"> ▪ ACM IMWUT/Ubicomp (papers) 2021 ▪ ACM CSCW (papers) 2021 ▪ ACM CHI Conference (papers, case studies, late-breaking work) 2017 – 2021 ▪ ASIS&T Annual Meeting (papers, visual presentations) 2017 – 2021 ▪ iConference (papers, posters, workshops) 2016 – 2021 ▪ Journal of Librarianship & Information Science 2020 ▪ Information Research 2018 	
	COMMUNITY ENGAGEMENT AND LEADERSHIP	
	<ul style="list-style-type: none"> ▪ Organizer 2019 – 2021 SCS Women Postdoc Group, Carnegie Mellon University ▪ Mentor 2019 – 2021 Women@SCS PhD Mentoring, Carnegie Mellon University ▪ Mentor 2017 – 2018 Drexel University Women in Computing Society (WiCS) Mentorship Program ▪ Co-President 2016 – 2017 Drexel University College of Computing and Informatics Doctoral Student Association (CCIDSA) ▪ Treasurer & Co-Founder 2014 – 2016 Drexel University College of Computing and Informatics Doctoral Student Association (CCIDSA) 	

PROFESSIONAL ASSOCIATIONS

- **The Association for Computing Machinery (ACM)**
- **The Association for Information Science and Technology (ASIS&T)**

HONOR SOCIETIES

- **Upsilon Pi Epsilon**
The International Honor Society for the Computing and Information Disciplines

TECHNOLOGY SKILLS

- **Programming:** Python, Flutter/Dart, HTML5, CSS3, JavaScript
- **UX Design:** Figma, Pencil, Sketch, Balsamiq Mockup
- **Databases:** MySQL, Oracle
- **Statistics:** SPSS, R
- **Others:** L^AT_EX, Blackboard, Canvas

LANGUAGES

- **English** (bilingual)
- **Chinese** (native)

[CV compiled on 2021-09-29]