

# CORI N. FAKLARIS



**Mailing address:** 6005 5th Ave., Apt. 10A, Pittsburgh, PA 15232

**Phone:** (317) 289-6460 (cell)

**Email:** [cfaklari@cs.cmu.edu](mailto:cfaklari@cs.cmu.edu) (work), [cori@corifaklaris.com](mailto:cori@corifaklaris.com) (permanent)

**Online:** [CoriFaklaris.com](http://CoriFaklaris.com), [Facebook](#), [Twitter](#), [LinkedIn](#), + elsewhere

## SUMMARY

I am a scholar in **human-computer interaction** and incoming assistant professor at the University of North Carolina at Charlotte, Department of Software and Information Systems (August 2022). I work in **usable privacy and security**. My focus is on (1) **understanding system users** and (2) **empowering them** to act securely while meeting individual and social needs. In my research, I employ a mix of qualitative and quantitative methods from social science, computer science, and design. My scholarship also is informed by prior experiences as a journalist, an IT/UX specialist, and a social media manager.

## EDUCATION

- 2022 **Ph.D.** **Human-Computer Interaction, Human-Computer Interaction Institute, School of Computer Science, Carnegie Mellon University.**
- 2021 **M.S.** **of Computer Science, Carnegie Mellon University.**  
*Thesis:* "Toward a Socio-Cognitive Stage Model of Cybersecurity Behavior Adoption."  
*Advisors:* Laura Dabbish and Jason I. Hong.
- 2017 **M.S.** **Human-Computer Interaction, Department of Human-Centered Computing, Indiana University School of Informatics and Computing at IUPUI.**
- 1996 **B.S.** **Journalism (News-editorial), University of Illinois at Urbana-Champaign.**

## HONORS

- 2020-21 **Knight Fellow** of the **Center for Informed Democracy and Social Cybersecurity (IDEaS).**
- 2018-19 **Presidential Fellow** of the **CyLab Security & Privacy Institute.**
- 2016 **GHC Scholar** for the Grace Hopper Celebration of Women in Computing.

## REFEREED CONFERENCE PUBLICATIONS

- 2019 Cori Faklaris, Laura Dabbish and Jason I. Hong. "**A Self-Report Measure of End-User Security Attitudes (SA-6).**" In *Proceedings of the Fifteenth Symposium on Usable Privacy and Security (SOUPS 2019)*, Aug. 11-13, 2019, in Santa Clara, CA, USA (27 out of 121, 22.3% acceptance rate). USENIX Association, Berkeley, CA. [[Paper](#)]
- 2018 Cheul Young Park, Cori Faklaris, Siyan Zhao, Laura Dabbish and Jason I. Hong. "**Share and Share Alike? An Exploration of Secure Behaviors in Romantic Relationships.**" In *Proceedings of the Fourteenth Symposium on Usable Privacy and Security (SOUPS 2018)*, Aug. 12-14, 2018, in Baltimore, MD, USA (28 out of 123, 22.8% acceptance rate). USENIX Assoc., Berkeley, CA, USA. [[Paper](#)]

## REFEREED JOURNAL PUBLICATIONS

- 2022 Serena Wang, Cori Faklaris, Junchao Lin, Laura Dabbish, and Jason I. Hong. "**It's Problematic but I'm not Concerned': University Perspectives on Account Sharing.**" *Proceedings of the ACM: Human-Computer Interaction*, Vol. 6, Issue CSCW1, Article 68 (April 2022), 27 pages. Association of Computing Machinery, New York, NY, USA. [[Article](#)]
- 2020 Hong Shen, Cori Faklaris, Haojian Jin, Laura Dabbish, and Jason I. Hong. "**I Can't Even Buy Apples If I Don't Use Mobile Pay?: When Mobile Payments Become Infrastructural in China.**" *Proceedings of the ACM: Human-Computer Interaction*, Vol. 4, Issue CSCW2, Article 170 (October 2020), 26 pages. Association of Computing Machinery, New York, NY, USA. [[Article](#)]

- Cori Faklaris, Francesco Cafaro, Asa Blevins, Matthew A. O'Haver, and Neha Singhal. "**A Snapshot of Bystander Attitudes about Mobile Live-Streaming Video in Public Settings.**" *Informatics* 7, 2: 10. MDPI, Basel, Switzerland. [[Article](#)]
- 2019 Yunpeng Song, Cori Faklaris, Laura Dabbish, Zhongmin Cai and Jason I. Hong. "**Normal and Easy: Account Sharing Practices in the Workplace.**" *Proceedings of the ACM: Human-Computer Interaction*, Vol. 3, Issue CSCW, Article 83 (November 2019), 25 pages. Association of Computing Machinery, New York, NY, USA. [[Article](#)]
- 2016 Cori Faklaris and Sara Anne Hook. "**Oh, Snap! The State of Electronic Discovery Amid the Rise of Snapchat, WhatsApp, Kik and Other Mobile Messaging Apps.**" *The Federal Lawyer* (May 2016). Federal Bar Association, Washington, D.C., 63 (4): 64-75. Reprinted with permission in *The Computer & Internet Lawyer* (October 2016). Wolters Kluwer Law & Business, New York, NY, USA, 33(10): 1-17. [Article]

## REFEREED CONFERENCE POSTERS + WORKSHOP PAPERS

- 2021 Cori Faklaris. "**Components of a Model of Cybersecurity Behavior Adoption.**" *Proceedings of the 7<sup>th</sup> Workshop on Security Information Workers* (WSIW 2021), Aug. 8, 2021. USENIX Association, Berkeley, CA, USA. [[Abstract](#)]
- 2018 Cori Faklaris, Laura Dabbish and Jason Hong. "**Adapting the Transtheoretical Model for the Design of Security Interventions.**" *Fourteenth Symposium on Usable Privacy and Security Adjunct* (SOUPS 2018), Aug. 12-14, 2018, in Baltimore, MD, USA (40 out of 58, 69.0% acceptance rate). USENIX Association, Berkeley, CA, USA. [[Abstract and poster](#)]
- Cori Faklaris. "**Social Cybersecurity and the Help Desk: New Ideas for IT Professionals to Foster Secure Workgroup Behaviors.**" *Proceedings of the 4<sup>th</sup> Workshop on Security Information Workers* (WSIW 2018), Aug. 12, 2018, in Baltimore, MD, USA (8 out of 13, 61.5% acceptance rate). USENIX Association, Berkeley, CA, USA. [[Paper](#)]
- 2017 Cori Faklaris and Sara Anne Hook. "**Attitudes About 'Fair Use' and Content Sharing in Social Media Applications.**" *Companion of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing* (CSCW '17 Companion). ACM, New York, NY, USA, 171-174. [[Abstract](#)]
- 2016 Cori Faklaris, Francesco Cafaro, Sara Anne Hook, Asa Blevins, Matt O'Haver, and Neha Singhal. "**Legal and ethical implications of mobile live-streaming video apps.**" *Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct* (MobileHCI '16). ACM, New York, NY, USA, 722-729. [[Abstract](#)]

## OTHER NOTABLE PUBLICATIONS

- 2022 Cori Faklaris. "**Open Laptop – Already a Mistake: An American Zen Buddhist's Reflections on HCI Research and Design for Faith-Based Communities.**" In *Proceedings of the Faith, Religion & Spirituality in HCI Workshop* at CHI 2022, April 30, 2022, remote and in New Orleans, La., USA. A version is in press for *Interactions*, Jul/Aug 2022. ACM, New York, NY, USA. [[Preprint](#)]
- Cori Faklaris, Laura Dabbish, and Jason I. Hong. "**Do They Accept or Resist Cybersecurity Measures? Development and Validation of the 13-Item Security Attitude Inventory (SA-13).**" arXiv [cs.CR]. [[Paper](#)]
- 2020 Tianshi Li, Jackie Yang, Cori Faklaris, Jennifer King, Yuvraj Agarwal, Laura Dabbish, and Jason I. Hong. "**Decentralized is not risk-free: Understanding public perceptions of privacy-utility trade-offs in COVID-19 contact-tracing apps.**" arXiv [cs.HC]. [[Paper](#)]
- 2017 Cori Faklaris. *The State of Digital 'Fair Use': An Investigation of Legal and Ethical Content Sharing In Social Media And Messaging Apps* (Master's thesis). IUPUI Scholar Works. [[Document](#)]

## MENTORED STUDENTS

- 2021-2 Anahita Hassan, Faye Kollig (*visiting from Michigan State University; admitted for PhD, University of Colorado at Boulder*), Animesh Singh.
- 2020 Anna Cai, Michelle Ling, Serena Wang (*nominee for CMU Judith A. Resnik Award*).

- 2019 Annie Chen, Mathieu Chevalley (*visiting from École Polytechnique Fédérale de Lausanne*), Wanling “Laura” Ding, Yinxuan Fu, Man Jun “John” Han, Ching Hsuan “Erin” Ho, Junchao Lin, Sara al-Megbel (*hired for Deloitte Global’s Cyber Risk practice*), Xinyi Sun; Tiffany Trinh (*visiting from the Massachusetts Institute of Technology*).
- 2018 Parmita Bawankule; Yiyang “Ivy” Ding; Rajat Gupta; Jeongyun Lee; Weihang “Anita” Li; Arnav Mahajan; Amy Liu; Sijie Ren (*hired as a software programmer at TouchPal in Mountain View, CA, USA*); Weijia “Rosie” Sun; Gustavo Umbelino (*visiting from University of California, San Diego; admitted for PhD, Northwestern University*); Max Yeh.

## INVITED TALKS

- 2022 **“Toward a Socio-Cognitive Stage Model of Cybersecurity Behavior Adoption,”** Dept. of Software and Information Systems, University of North Carolina at Charlotte, March 17, 2022, remote.  
**“Toward a Socio-Cognitive Stage Model of Cybersecurity Behavior Adoption,”** presentation for the School of Data Science, University of Virginia, March 10, 2022, in Charlottesville, VA, USA.  
**“Toward a Socio-Cognitive Stage Model of Cybersecurity Behavior Adoption,”** presentation for the Department of Information Science, Drexel University, Jan. 27, 2022, in Philadelphia, PA, USA.
- 2021 **“Components of a Model of Cybersecurity Behavior Adoption,”** presentation for the Workshop on Security Information Workers at USENIX Security, Aug. 8, 2021, remote on Zoom.  
**“Social Cybersecurity,”** presentation and moderated Q&A (with Tom Magelinski) for Bytes of Good Live, organized by Hack4Impact, March 24, 2021, remote on YouTube. [\[Video\]](#)
- 2020 **“A New Attitude-Behavior Model for Cybersecurity,”** informal talk for the Workshop on Security Information Workers quarterly meeting, Nov. 9, 2020, remote on Zoom.  
**“Recent Findings in End-User Cybersecurity Attitudes and Behaviors,”** talk for the Social Cybersecurity Working group, NSF South Big Data Innovation Hub, Nov. 5, 2020, remote on Zoom.
- 2019 **“How Can We Boost ‘Cyber Health’? Psychometrics, Social Appeals and Tools for Cybersecurity,”** invited talk at Ohio State University, Oct. 28, 2019, in Columbus, OH, USA.  
**“Reframing Usable Security to Design for ‘Cyber Health’,”** lightning talk for the 2019 Women in Cybersecurity conference (WiCys ’19), March 29-30, 2019, in Pittsburgh, PA, USA.
- 2018 **“Social Cybersecurity: Ideas for Nudging Secure Behaviors Through Social Influences,”** Three Rivers Information Security Symposium (TRISS 2018), Oct. 19, 2018, Monroeville, PA, USA.  
**“Reframing Usable Privacy and Security to Design for ‘Cyber Health’,”** lightning talk for the 14th Symposium on Usable Privacy and Security (SOUPS 2018), Baltimore, Md., Aug. 13, 2018.  
**“Reframing Organizational Security to Design for ‘Cyber Wellness’,”** 2018 Organizational Science and Cybersecurity Workshop, George Mason University, Fairfax, Va., July 15, 2018.
- 2016 **“But I’m a Creator/Inventor/Coder, Not a Lawyer: What to Know about Intellectual Property Law, Contracts and More,”** Grace Hopper Celebration of Women in Computing, Anita Borg Institute, Houston, Texas, Oct. 21, 2016.  
**“If You Are Going to Skydive, You Need a Parachute: Navigating the World of Higher Education as an Adult/Returning Student,”** Indiana Celebration of Women in Computing Conference (InWIC), West Lafayette, Ind., Oct. 1, 2016.
- 2015 **“The State of E-Discovery as Social Media Goes Global,”** research presentation and discussion, 12th annual ATINER International Conference on Law, Athens, Greece, July 14, 2015.

## CAMPUS/DEPARTMENTAL TALKS

- 2021 **“Developing a Socio-Cognitive Model of Cybersecurity Behavior Change,”** Center for Informed Democracy and Social Cybersecurity (IDeaS), Carnegie Mellon, July 13, 2021, remote.  
**“Applying Social Psychology to Cybersecurity,”** with Jason I. Hong, IDeaS Center Summer Institute, Carnegie Mellon University, June 11, 2021, remote on MS Teams.
- 2020 **“Examining the Influence of Smartphones on Information Judgment in Social Media,”** presentation for the Social Cybersecurity in Times of Change and Crisis virtual conference, Center for Informed Democracy and Social Cybersecurity (IDeaS), Nov. 18-20, 2020.

**“Behavior Change Using Social Influences,”** presentation for the CyLab Partners Conference at Carnegie Mellon University, Sept. 23, 2020, remote on Zoom.

2019 **“Life of a PhD Student,”** remarks for the 25<sup>th</sup> Anniversary of the Human-Computer Interaction Institute at Carnegie Mellon University, Oct. 24, 2019, in Pittsburgh, PA, USA.

## ACADEMIC TEACHING AND TRAINING

2021 **User-Centered Research and Evaluation.** Led one of six in-person lab sections. A mix of undergraduate and graduate students practiced using tools, techniques, and sources of information about HCI and applied a systematic approach to qualitative research.

2020 **Programming User Interfaces.** Led one of two lab sections. Undergraduate students gained practice using tools such as HTML/CSS/JS and low-fidelity and interactive prototyping.

**Computer Science Pedagogy.** In this doctoral seminar, we discussed relevant work in ACM SIGCSE, cognitive science, and non-CS, such as *What the Best College Teachers Do*. We rehearsed and critiqued short lectures. We wrote teaching statements.

## PROFESSIONAL SERVICE

2022 **Session Chair,** ACM Conference on Human Factors in Computing Systems (CHI).

2015-present **External reviewer for HCI-relevant conference proceedings and journals.** These include the ACM Conference on Human Factors in Computing Systems (CHI), the ACM Conference on Computer-Supported Collaborative Work and Social Computing (CSCW), the USENIX Symposium on Usable Privacy and Security (SOUPS), ACM’s *Transactions on Human-Computer Interaction* (ToCHI), Elsevier’s *Computers in Human Behavior*, and MDPI’s *Informatics*.

2017- 2020 **Social Media Editor, XRDS (Crossroads),** the ACM student magazine.

## CAMPUS/DEPARTMENTAL SERVICE

2021 **Pilot for DEI in Computer Science and Society seminar.** Participated and gave feedback.

2020 **HCI Academic Jobs Panel.** Helped organize and moderate on Zoom (with Toby Li).

**HCI Thesis Planning Panel.** Helped organize and moderate on Zoom (with Sam Reig).

2018-2021 **HCI Social Cybersecurity research group.** Co-facilitator, with PIs: Laura Dabbish and Jason Hong) at Carnegie Mellon University. Ran the Slack channel, provided slide-deck templates for research talks, and sent emails to bring together our students, researchers and PIs.

**NSF Research Experiences for Undergraduates (REU) program.** Organized and spoke on panels for students interested in graduate school, reviewed applications to help surface qualified candidates who met our DEI goals, and mentored students hired for my projects.

**Letters of Recommendation.** Wrote in support of promotions and reappointments and drafted letters to recommend student assistants for various programs.

**HCI PhD Open House.** Organized and facilitated the spring PhD Research panels.

2017-2021 **Women@SCS.** Participated in outreach, advisory sessions and social events for this woman-supporting organization in the School of Computer Science at Carnegie Mellon University.

2016-17 **Graduate Student Writing Group at IUPUI.** Member and facilitator, as part of the Preparing Future Faculty Program at Indiana University-Purdue University Indianapolis.

## NON-ACADEMIC WORK EXPERIENCE

2020 **UX Researcher Intern, Facebook.** Planned and conducted a qualitative interview study for the Measurement RES team in the Ads & Business Products org to better understand challenges in data literacy for digital ads and marketing customers. *Direct supervisor: Fawn Ellis.*

2015-17 **Social Media Consultant and Editor/Writer.** Ran my own consulting business.

2013-15 **Engagement Producer.** Social media for IndyStar.com. “Influencer” and columnist.

Prior to 2013 **Various positions in news and information technology.** Roles included news designer, editor, UX/UI researcher, systems analyst, programmer, graphic artist, and reporter.

## TECHNICAL SKILLS

**Expert:** Adobe Creative Suite; Google Workspace; Canvas; HTML/CSS/JavaScript; Microsoft Office 365; Slack; IBM SPSS; MAXQDA; Miro; Muthen & Muthen MPlus.

**Intermediate:** ArcGIS; Balsamiq; Chartbeat; Citrix; Figma; InVision; Java; jQuery; Mural; Oncourse; Python; R; Sketch; Skype; SQL; Unix; VMWare; Oracle VirtualBox.

**Beginner:** ATLAS.Ti; Axure; Basecamp; Box; Dedoose; Dropbox; Omniture; SAS; Sharepoint; Tableau; Trello.

## APPLICABLE COURSEWORK

**At Carnegie Mellon University:** Service Design, HCI Process & Theory, Social Perspectives in HCI, Computer Science Perspectives in HCI, Design Perspectives in HCI, Cognitive Perspectives in HCI, Applied Research Methods, Social Web, Interactive Data Science, Persuasive Design, Independent Teaching Experience, Reading & Research in HCI, Computer Science Pedagogy, Diversity, Equity and Inclusion (DEI) in Computer Science and Society, Information Technology Policy, Experimental Design for Behavioral and Social Sciences.

**At Indiana University:** Digital Media App Design Process/Interactive Design Practice, Interaction Design Methods, Meaning and Form in HCI, Psychology of Human Computer Interaction, Collaborative and Social Computing, Experience Design for Ubiquitous Computing, Informatics Research Design, Thesis for HCI.

## PERSONAL

I am a longtime **abstract expressionist painter**. One of my works is hung in the HCII PhD Lounge at CMU in Pittsburgh. Others are in offices and homes in Indianapolis, Denver, and Milwaukee.

I am a **dharma teacher for the Kwan Um School of Zen**. I sit meditation weekly and support other Zen students who are members of the Pittsburgh Zen Group. I mentor a local dharma teacher-in-training.

When not doing either of these, I can be found walking, catching up on TV shows, relaxing with friends, cooking, posting on social media, or dangling a toy to **entertain my cat, Addie**.

## LINKS TO OTHER MATERIALS

**Research statement:** <https://corifaklaris.com/files/research.pdf>

*Google Scholar profile:* <https://scholar.google.com/citations?user=QyK75JQAAAAJ&hl=en>.

*Sample paper #1 – SA-6 security attitude scale:* <https://corifaklaris.com/files/SA6.pdf>

*Sample paper #2 – Account sharing on campus:* [https://corifaklaris.com/files/campus\\_sharing.pdf](https://corifaklaris.com/files/campus_sharing.pdf)

*Sample paper #3 – Romantic cybersecurity:* <https://corifaklaris.com/files/soups2018-park.pdf>

**Teaching statement:** <https://corifaklaris.com/files/teaching.pdf>

*Sample lecture:* <https://www.slideshare.net/CoriFaklaris/designing-for-usable-security-and-privacy>

**Diversity statement:** <https://corifaklaris.com/files/dei.pdf>

## REFERENCES

- Research     **Jason I. Hong (Co-Advisor)**. Professor, Human Computer Interaction Institute, School of Computer Science, Carnegie Mellon University. Email: jasonh [at] cs cmu edu
- Laura Dabbish (Co-Advisor)**. Associate Professor, Heinz College and Human Computer Interaction Institute, Carnegie Mellon University. Email: Dabbish [at] cs cmu edu
- Jodi Forlizzi**. Herbert A. Simon Professor in Computer Science and HCII, and Associate Dean for Diversity, Equity, and Inclusion, School of Computer Science, Carnegie Mellon University. Email: forlizzi [at] cs cmu edu
- Teaching     **Motahhare Eslami**. Assistant Professor, Human Computer Interaction Institute, School of Computer Science, Carnegie Mellon University. Email: meslami [at] andrew cmu edu
- Raelin Musuraca**. Assistant Teaching Professor, Human Computer Interaction Institute, School of Computer Science, Carnegie Mellon University. Email: raelin [at] cmu edu