CORI N. FAKLARIS

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SUMMARY

I am a scholar in human-computer interaction. I work in usable privacy and security, using a mix of qualitative and quantitative methods. My focus is on (1) understanding system users and (2) empowering them to act securely while meeting individual and social needs. My research is informed by prior work as a journalist, IT/UX specialist, and social media manager. I direct the Security + Privacy Experiences group.

PROFESSIONAL APPOINTMENTS

2022-present   Assistant Professor, Department of Software and Information Systems, College of Computing, University of North Carolina at Charlotte.

EDUCATION

2022   Ph.D.   Human-Computer Interaction, Human-Computer Interaction Institute, School
2021   M.S.   of Computer Science, Carnegie Mellon University.
                 Thesis: "Toward a Socio-Cognitive Stage Model of Cybersecurity Behavior Adoption."
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.

GRANTS

2024   Google, "CYBERSECURITY BUDDY: A Human-in-the-loop AI App for Encouraging Security and Privacy Best Practices," Principal Investigator, $60,000.

BasisTech and SleuthLabs LLC, "Evaluating the Usability of Security Tools for Digital Forensics and Incident Response (DFIR)," Principal Investigator, $50,000.

2023   Center for Cybersecurity Analytics and Automation, "Identifying Vulnerabilities to SMShing in the U.S. Population," $51,496.

HONORS

2024   Google Research Scholar in Human-Computer Interaction.

2020   Knight Fellow of the Center for Informed Democracy and Social Cybersecurity (IDeaS).

2018   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. 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. USENIX Association, Berkeley, CA, USA. [Paper]

REFEREED JOURNAL PUBLICATIONS

2022   Sauvik Das, **Cori Faklaris**, Laura Dabbish, and Jason I. Hong. *The Security & Privacy Acceptance Framework (SPAF).* Foundations and Trends in Security and Privacy, Vol. 5, No. 1-2, pp. 1–143. Now Publishers Inc. DOI: 10.1561/3300000026 [Preprint]

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. ACM, 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. ACM, 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]

REFEREED CONFERENCE POSTERS + WORKSHOP PAPERS

2024   **Cori Faklaris**, Laura Dabbish, and Jason I. Hong. "A Framework for Reasoning about Social Influences on Security and Privacy Adoption." In *Extended Abstracts of ACM Conference on Human Factors in Computing Systems* (CHI EA 2024), May 11-16, 2024, Honolulu, HI, USA (1154 submissions, 33.9% acceptance rate). ACM, New York, NY, USA, 13 pages. [Preprint]

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]

2018   **Cori Faklaris**. "Social Cybersecurity and the Help Desk: New Ideas for IT Professionals to Foster Secure Workgroup Behaviors." Proceedings of the 4th 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]

SELECTED INVITED TALKS

2023   "Identifying Vulnerability to SMShing," presentation for the Center for Cybersecurity Analytics and Automation (CCAA), Colorado State University, Oct. 25, 2023, in Fort Collins, CO, USA.

"What We Learned About 'Who Falls for SMiSh?'," Bank of America, Sept. 21, 2023, remote.

2021   "Components of a Model of Cybersecurity Behavior Adoption," Workshop on Security Information Workers at USENIX Security, Aug. 8, 2021.

"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]

2019   "How Can We Boost 'Cyber Health'? Psychometrics, Social Appeals and Tools for Cybersecurity," Ohio State University, Oct. 28, 2019, in Columbus, OH, USA.

ACADEMIC TEACHING AND TRAINING

2022-4 Usable Privacy and Security, UNC Charlotte. Instructor of record. Supervise 1-2 assistants.

2023-4 Social Technology Design/CSCW, UNC Charlotte. Instructor of record and course originator.

2021   User-Centered Research and Evaluation, CMU. Led one of six in-person lab sections.

2020   Programming User Interfaces, CMU. Led one of two lab sections.

Computer Science Pedagogy, CMU. Took part in seminar for the School of Computer Science.

NON-ACADEMIC WORK EXPERIENCE

Present   Consultant for hire on DeepBench.io and by private arrangement.

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

To 2015 Various positions in social media, news reporting, news editing, design, and IT/UX.