

DARICIA WILKINSON

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Education

Clemson University

Clemson, SC

PH.D. IN HUMAN-CENTERED COMPUTING

Dec 2022

- Dissertation Title: Fair, Trustworthy, and Just: A Sociotechnical Approach to Online Safety in the Caribbean
- Research Areas: *Online Safety, User Experience, Recommender Systems*
- Advisor: Dr. Bart Knijnenburg

Clemson University

Clemson, SC

M.S. IN COMPUTER SCIENCE

Aug. 2016 – May 2019

- Focus: Social Computing and Data Visualization

University of the Virgin Islands

St. Thomas, VI

B.S. IN INFORMATION SYSTEMS AND TECHNOLOGY

Aug. 2013 - May 2016

- Summa Cum Laude

Experience

Microsoft Research

New York, NY

POST DOCTORAL RESEARCHER

Aug 2022 - present

- Investigating transnational values for responsible artificial intelligence
- Studying alternative pathways to algorithmic auditing

Clemson University - Humans and Technology Lab (HATLab)

Clemson, SC

GRADUATE RESEARCHER

Aug 2016 – Jul 2022

- Investigated threats and affordances to online safety for vulnerable populations in the Caribbean
- Led user study on improving data transparency to help users understand mobile data sharing practices with third parties
- Researched novel mechanisms that would improve transparency in the ad experience on social media

Max Planck Institute

Saarbrücken, Germany

USER EXPERIENCE RESEARCH INTERN

Jun 2021 – Aug 2021

Supervisor: Dr. Elissa Redmiles

- Researched safety strategies for persons using online dating apps
- Studied technological affordances that support online and offline safety
- Collaborated with researchers to design comprehensive online survey to examine safety strategies

NortonLifeLock

Sunnyvale, CA

USER EXPERIENCE RESEARCH INTERN

Supervisor: Dr. Susanta Nanda and Dr. Kevin Roundy

Sep 2019 – Dec 2019

- Developed research plan to investigate ad experiences in social media
- Conducted systematic literature review which led to the development of a published paper on ad explanations in social media
- Designed, led, and analyzed an online user study on ad explanations

IBM Research

Dublin, Ireland

USER EXPERIENCE RESEARCH INTERN

Supervisor: Dr. Ozgur Alkan and Dr. Elizabeth Daly

May 2019 – Aug 2019

- Applied HCI research methodology to develop, execute and analyze projects that explore users' experience with intelligent conversational agents which resulted in a research paper

Carnegie Mellon University

Pittsburgh, PA

USABLE PRIVACY AND SECURITY INTERN

May 2015 - Aug. 2015

Supervisors: Dr. Lorrie Cranor and Dr. Abigail Marsh

- Conducted and assisted with in-person and remote user interviews to understand teens' risky online behavior and mitigation techniques

- Led a design thinking session to guide two high-school students in developing prototypes for innovative privacy interface solution
- Assisted with executing a focus group study and the design process of a privacy browser plug-in

Brookhaven National Laboratory

Brookhaven, NY

WEB DEVELOPMENT INTERN

May 2014 – Aug 2014

- Redesigned a new interactive homepage and landing pages for specific events
- Led a time saving initiative by organizing efficient online registration for workshops

Publications

Peer-Reviewed Publications

1. Schoenebeck, S., Batool, A., Do, G., Darling, S., Grill, G., Wilkinson, D., ... & Ashwell, L. (2023). Online Harassment in Majority Contexts: Examining Harms and Remedies across Countries. In The Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems.
2. Wilkinson, D., & Knijnenburg, B. P. (2022). **Many Islands, Many Problems: An Empirical Examination of Online Safety Behaviors in the Caribbean.** In The Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems.
3. Im, J., Schoenebeck, S., Wilkinson, D., Batool, A., Alharvi, R., Funwie, A., Gankhuu, T., Gilbert, E., Naseem, M. (2022). **Beyond Borders: Women's Perspectives on Harm and Justice after Online Harassment.** In the Proceedings of the 2022 CSCW Conference On Computer- Supported Cooperative Work And Social Computing.
4. Wilkinson, D. (2021). **Artificially Intelligent and Inclusive by Design: A Human-Centered Approach to Online Safety.** Proceedings of the 1st Workshop on Adverse Impacts and Collateral Effects of Artificial Intelligence Technologies - AIOAI 2021 co-located with 30th International Conference on Artificial Intelligence (IJCAI 2021).
5. Wilkinson, D., Namara, M., Guo, L., Patil, K., Knijnenburg, B. P. (2021). **The Pursuit of Transparency and Control: A Taxonomy of Ad Explanations in Social Media.** The proceedings of the Hawaii International Conference on System Sciences (HICSS).
🏆 Nominated for Best Paper Award
6. Wilkinson, D., Alkan, O., Liao, Q. V., Mattetti, M., Vejsbjerg, I., Daly, E. M., Knijnenburg, B. P. (2021). **Why or why not? The Effect of Justification Styles on Chatbot Recommendations.** ACM Transactions on Information Systems (TOIS).
7. Wilkinson, D. (2020). **All Experiences Matter: Designing Safety Tools for Vulnerable Groups in the Caribbean.** In Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems (pp. 1-5).
8. Wilkinson, D., Bahirat, P., Namara, M., Lyu, J., Alsubhi, A., Wisniewski P., & Knijnenburg, B. P. (2020). **Privacy at a Glance: The User-Centric Design of Glimpseable Data Exposure Visualizations.** The proceedings of the Privacy Enhancing Technologies Symposium (PETS).
9. Namara, M., Wilkinson, D., Caine, K., & Knijnenburg, B. P. (2020). **Emotional and Practical Considerations toward the Adoption and Abandonment of VPNs as a Privacy-Enhancing Technology.** In the proceedings of the Privacy Enhancing Technologies Symposium (PETS).
10. Sullivan, E., Bountouridis, D., Harambam, J., Najafian, S., Loecherbach, F., Makhortykh, M., Kelen, D., Wilkinson, D., Graus, D., & Tintarev, N. (2019). **Reading News with a Purpose: Explaining User Profiles for Self-Actualization.** Proceedings UMAP (User Modeling, Adaptation and Personalization).
11. Namara, M., Wilkinson, D., Lowens, B. M., Knijnenburg, B. P., Orji, R., & Sekou, R. L. (2018). **Cross-cultural perspectives on eHealth privacy in Africa.** In *Proceedings of the Second African Conference for Human Computer Interaction: Thriving Communities* (p. 7). ACM.
12. Wilkinson, D. (2018). **Testing a recommender system for self-actualization.** In Proceedings of the 12th ACM Conference on Recommender Systems (pp. 543-547). ACM.
13. Wilkinson, D., Sivakumar, S., Cherry, D., Knijnenburg, B. P., Raybourn, E. M., Wisniewski, P., & Sloan, H. (2017). **User-tailored privacy by design.** In Proceedings of the Usable Security Mini Conference.

14. Knijnenburg, B., Raybourn, E., Cherry, D., Wilkinson, D., Sivakumar, S., & Sloan, H. (2017). Death to the Privacy Calculus?. Available at SSRN: <https://ssrn.com/abstract=2923806>.
15. Knijnenburg, B. P., Sivakumar, S., & Wilkinson, D. (2016). **Recommender systems for self-actualization**. In Proceedings of the 10th ACM Conference on Recommender Systems (pp. 11-14). ACM.

Technical Reports

Knijnenburg, B., Cherry, D., Wilkinson, D., Sivakumar, Ghaiomy Anaraky, R., Namara, M., Ash, E., & Davis R. (2017). **Privacy Support for the Total Learning Architecture: Operational Characteristics**. Technical Report.

Co-organized Workshops and Panels

Wilkinson, D., Crawford, K., Wallach, H., Raji, D., Rakova, B., Singh, R., Strohmayer, A., Zuckerman, E. (2023). **Accountability in Algorithmic Systems: From Principles to Practice**. In *Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems*.

Wilkinson, D., Ekstrand, M., Vertesi, J. and Olteanu, A. (2023). Theories of Change in Responsible AI. CRAFT at the 2023 FACt Conference (2023).

Wilkinson, D., Namara, M., Badillo-Urquiola, K., Wisniewski, P. J., Knijnenburg, B. P., Page, X., ... & Romano-Bergstrom, J. (2018). **Moving Beyond a "one-size fits all" Exploring Individual Differences in Privacy**. In *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems* (pp. 1-8).

Book Chapters

Page, X., Berrios, S., Wilkinson, D., & Wisniewski, P. J. (2021). **Social Media and Privacy**. Modern Socio-Technical Perspectives on Privacy. Springer.

Articles in submission

Wilkinson, D., Hanley, E., Knijnenburg, K. **A Comparative Analysis of Legislative Protections for Online Safety in the Global South: A Case Study of the Caribbean**. In Submission.

Wilkinson, D. **A Justice-Oriented Approach for Addressing Online Harm: Investigating the Role of Fairness, Equity, and Trust**. In Submission.

Tahael, M., Wilkinson, D., Frik, A., Muller, M., Abu-Salma, R. **Perceptions of AI: A Cross-Continental Analysis of Benefits, Risks, and Trustworthiness**. In Submission.

Rivers, V., Wilkinson, D., Augusta, A., Li, S., Muller, Redmiles, E, Strohmayer, A. **Safer Algorithmically-Mediated Offline Introductions: Harms and Protective Behaviors**. In Submission.

Teaching & Selected Invited Talks

University of Notre Dame

GUEST LECTURER: [ETHICAL AND PROFESSIONAL ISSUES COURSE](#)

Spring 2023

- Invited lecturer for a core class in the CS department where I gave an introductory lecture into responsible AI

Clemson University

COURSE: COMPUTING AND ONLINE RELATIONSHIPS

Spring 2022

- Teaching assistant for class with 30 graduate students enrolled

COURSE: USABLE SECURITY AND PRIVACY

Fall 2021

- Teaching assistant for class with Five graduate students and 43 undergraduate students enrolled

UNESCO

INVITED SPEAKER: THE ROLE OF ARTIFICIAL INTELLIGENCE AND ONLINE SAFETY

Fall 2021

- Invited to speak for UNESCO's Artificial Intelligence for Information Accessibility (AI4IA) symposium on online safety in the Caribbean and the role of AI in promoting online safety

Broadcasting Commission of Jamaica

INVITED PANELIST: MEDIA TRENDS (VISIONING THE NEXT 35 YEARS)

Summer 2021

- Participated in panel where I spoke on risks to privacy, safety, and online discourse within the Caribbean

International Conference on eDemocracy & eGovernment (ICEDEG)

TUTORIAL INSTRUCTOR: PRIVACY FOR EDEMOCRACY & EGOVERNMENT

Spring 2019

- Taught course on the privacy risks and implications as it applies to eGovernment and eDemocracy

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Fellowships & Grants

Total Awarded: \$104,000

- \$10,000 FRIDA Open Internet Grant 2020-2021, Principal Investigator for research grant on online safety in the Caribbean [\[link\]](#)
- \$84,000 Facebook PhD Fellowship 2019-2021
- \$10,000 Google Women TechMakers Scholar 2019

Honors & Awards

- 2023 **Awardee**, 100 Brilliant Women in AI Ethics
- 2021 **BlackComputeHER Fellowship**, Fellow
- 2019 **Grad Cohort Scholarship**, Computing Research Association CRA- URMD
- 2018 **Invited Participant**, Vivid in Research (Facebook's Graduate Student Research Summit)
- 2018 **ACM Student Travel Grant**, ACM Student Travel Grant - RecSys
- 2018 **Two Sigma Scholarship Recipient**, ACM Student Travel Grant - Tapia
- 2018 **National Society for Blacks in Computing Travel Award**, Recipient
- 2018 **Grad Cohort Scholarship Recipient**, Computing Research Association - URMD
- 2018 **We Are Developers Travel Grant Recipient**, Vienna, Austria
- 2017 **Invited Participant**, Amazon Graduate Student Research Symposium

Leadership and Service

- 2020- now **Organizing Committee member**, IUI 2021, 2022, 2024 (Co-publicity chair), UMAP 2020 (Publicity Chair)
- 2023 **Invited Associate Chair**, CHI 2024 Understanding People — Statistical and Quantitative Methods subcommittee
- 2018-2023 **Program committee member**, IUI, UMAP, EuroUSEC, HICSS, RecSys, CSCW, Intelligent User-Adapted Interfaces: Design and Multi-Modal Evaluation IUadaptME)
- 2020 **Invited Reviewer**, PeerJ Computer Science Journal (2019), UMAP (2019, 2021, 2022, 2023), CHI (2018, 2021, 2022, 2023), CSCW (2021, 2022, 2023), EuroUSEC (2019, 2021, 2022, 2023), RecSys (2018, 2022, 2023), Communication of the ACM (2022, 2023), TOIS (2022), ACM Transactions on Recommender Systems (2023), Internet Research Journal (2023)
- 2018 **Student Volunteer**, ACM Conference on Recommender Systems (RecSys 2018)
- 2017 **Volunteer**, Community outreach to high school and elementary students teaching about HCI and STEM research

Mentorship

- 2023 **Anna Kawakami**, PhD Intern at MSR
- 2023 **Ozzie Oguine**, Student Mentee
- 2021 **Eren Hanley**, HOPE Nevis Research Assistant 2021-2022
- 2019 **Jessica Qui**, Undergraduate mentee (now at Netflix)
- 2019 **Keerti Kosana**, Student Mentee (now at HP)
- 2019 **Martha Newton**, Undergraduate mentee (now at Syracuse University)
- 2017 **Evonna Jenkins**, Undergraduate mentee