

Rosanna Bellini

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Education

2021. Ph.D., in Computer Science, Newcastle University, UK

Committee: *Jan Smeddinck, Nicole Westmarland, and Simon Forrest*

2017. M.Res., (Distinction) in Digital Civics, Newcastle University, UK

Advised by *Rob Comber* and *Patrick Olivier*

2016. M.Sc., (Distinction) in Computer Science, Newcastle University, UK

Advised by *John Vines*

2015. B.A., (First Class) in Philosophy, Newcastle University, UK

Advised by *Prof. David Rose*

Appointments

Postdoctoral Scholar

2021 – present. Cornell Tech, New York City, US

Research Assistant

2021. Northumbria University, Newcastle, UK

2021. Newcastle University, Newcastle, UK

2020 – 2021. Durham University, Durham, UK

2016 – 2017. Newcastle University, Newcastle, UK

Visiting Researcher

2019. Cornell Tech, New York City, US

Awards

2023. Distinguished Paper Award, USENIX Security '23

2023. Best Paper Award, ACM CHI'23

2022. Postdoctoral Achievement Award in Excellence in Mentoring, Cornell University

2022. Best Paper Award, ACM CHI'22

2020. Best Paper Award, ACM CSCW'20

2020. TechWomen 100: Supporting Women in Technology (Runner Up) Award

2020. Distinguished Paper Award, USENIX Security '20

2020. Internet Defence Prize (Third Place), USENIX Security '20

2019. Honorable Mention Paper Award, ACM CHI'19

2016. Group Software Project Award, Accenture, Newcastle University.

2015. Pride of Newcastle Award, Newcastle University

Publications

Conferences are the top-tier academic publishing venues for computer science and information science. Most of my research is published in CS conference proceedings. As my collaborators span across many different disciplines, we sometimes choose to submit our work to other top-tier journal publication venues.

Thesis

Rosanna Bellini. *Mechanisms of moral responsibilities: Designing and deploying digital technologies for perpetrators of domestic violence.* Doctor of Philosophy (Ph.D.) at Newcastle University. April 2021.

Conference and Journal Publications

- [1] **Rosanna Bellini.** 2024. *Abusive Partner Perspectives on Technology Abuse: Implications for Community-based Violence Prevention.* Proceedings of the ACM on Human-Computer Interaction, CSCW.
- [2] Emily Tseng, **Rosanna Bellini**, Yeuk Yu Lee, Alana Ramjit, Thomas Ristenpart, and Nicola Dell. 2024. *Data Stewardship in Clinical Computer Security: Balancing Benefit and Burden in Participatory Systems.* Proceedings of the ACM on Human-Computer Interaction, CSCW.
- [3] **Rosanna Bellini**, Emily Tseng, Noel Warford, Alaa Daffalla, Tara Matthews, Sunny Consolvo, Jill Palzkill Woelfer, Patrick Gage Kelley, Michelle L. Mazurek, Dana Cuomo, Nicola Dell, and Thomas Ristenpart. 2024. *SoK: Safer Digital-Safety Research Involving At-Risk Users.* IEEE Symposium on Security and Privacy.
- [4] **Rosanna Bellini**, Kevin Lee, Megan A. Brown, Jeremy Shaffer, Rasika Bhalerao, and Thomas Ristenpart. 2023. *The Digital-Safety Risks of Financial Technologies for Survivors of Intimate Partner Violence.* USENIX Security Symposium.
- [5] Alaa Daffalla, Marina Bohuk, Nicola Dell, **Rosanna Bellini**, Thomas Ristenpart. 2023. *Account Security Interfaces: Important, Unintuitive, and Untrustworthy.* USENIX Security Symposium. **Distinguished Paper Award.**
- [6] **Rosanna Bellini.** *Paying the Price: When Intimate Partners Use Technology for Financial Harm.* 2023. ACM Conference on Human Factors in Computing Systems (CHI). **Best Paper Award.**
- [7] **Rosanna Bellini** and Nicole Westmarland. 2022. *“We adapted because we had to.” How domestic violence perpetrator programmes adapted to work under COVID-19 in the UK, the US and Australia.* Journal of Aggression, Conflict and Peace Research.
- [8] Angelika Strohmayer, **Rosanna Bellini**, and Julia Slupska. *Safety as a Grand Challenge in Pervasive Computing: Shifting the Paradigm From Security to Safety.* IEEE Pervasive Computing, 21:3.
- [9] Emily Tseng, Mehrnaz Sabet, **Rosanna Bellini**, Harkiran Kaur Sodhi, Thomas Ristenpart and Nicola Dell. 2023. *Care Infrastructures for Digital Security in Intimate Partner Violence.* ACM Conference on Human Factors in Computing Systems (CHI). **Best Paper Award.**
- [10] **Rosanna Bellini**, Janis Meissner, Samantha Mitchell Finnigan and Angelika Strohmayer. 2022. *Feminist human-computer interaction: Struggles for past, contemporary, and futuristic feminist theories in digital innovation,* Feminist Theory, 23:2.
- [11] **Rosanna Bellini** and Nicole Westmarland. 2021. *A Problem Solved is a Problem Created – The Opportunities and Challenges Associated with an Online Domestic Violence Perpetrator Programme,* Journal of Gender-Based Violence.
- [12] Nicole Westmarland and **Rosanna Bellini.** 2021. *The move online – what does it mean for domestic abuse perpetrator programmes?* In Probation Quarterly, 1:19.
- [13] **Rosanna Bellini**, Alexander Wilson, and Jan David Smeddinck. 2021. *Fragments of the Past: Configuring Peer Support with Perpetrators of Domestic Violence.* ACM Conference on Human Factors in Computing Systems (CHI).
- [14] **Rosanna Bellini** as part of the Digital Mental Health Digital Insights Group (DMHDIG). 2021. *Early warning signs of a mental health tsunami: A coordinated response to gather initial data insights from multiple digital services providers.* Frontiers of Digital Health.

- [15] **Rosanna Bellini**, Emily Tseng, Nora McDonald, Matan Danos, Rachel Greenstadt, Damon McCoy, Thomas Ristenpart, and Nicola Dell. 2020. *“So-called privacy breeds evil”*: Narrative Justifications for Intimate Partner Surveillance in Online Forums. Proceedings of the ACM on Human-Computer Interaction, CSCW.
Best Paper Award
- [16] Emily Tseng, **Rosanna Bellini**, Nora McDonald, Matan Danos, Rachel Greenstadt, Damon McCoy, Nicola Dell, and Thomas Ristenpart. 2020. *The Tools and Tactics Used in Intimate Partner Surveillance: An Analysis of Online Infidelity Forums*. USENIX Security Symposium.
Distinguished Paper Award.
- [17] **Rosanna Bellini**, Simon Forrest, Nicole Westmarland, Dan Jackson, and Jan David Smeddinck. 2020. *Choice-Point: Fostering Awareness and Choice with Perpetrators in Domestic Violence Interventions*. ACM Conference on Human Factors in Computing Systems (CHI).
- [18] **Rosanna Bellini**, Simon Forrest, Nicole Westmarland and Jan David Smeddinck. 2020. *Mechanisms of Moral Responsibility: Rethinking Technologies for Domestic Violence Prevention Work*. ACM Conference on Human Factors in Computing Systems (CHI).
- [19] **Rosanna Bellini**, Jay Rainey, Andrew Garbett, and Pamela Briggs. 2019. *Vocalising Violence: Using Violent Mens’ Voices for Service Delivery and Feedback*. EUSSETS Conference on Communities Technologies -Transforming Communities.
- [20] **Rosanna Bellini**, Angelika Strohmayer, Patrick Olivier, and Clara Crivellaro. 2019. *Mapping the Margins: Navigating Ecologies of Domestic Violence Service Provision*. ACM Conference on Human Factors in Computing Systems (CHI).
Honorable Mention Paper Award.
- [21] **Rosanna Bellini**, Patrick Olivier, and Rob Comber. 2018. *“That Really Pushes My Buttons”*: Designing Bullying and Harassment Training for the Workplace. ACM Conference on Human Factors in Computing Systems (CHI).

Workshops, Special Interest Groups & Short Papers

- [22] Casey Randazzo, Carol F. Scott, **Rosanna Bellini**, Tawfiq Ammari, Michael Ann Devito, Bryan Semaan, and Nazanin Andalibi. *Trauma-Informed Design: A Collaborative Approach to Building Safer Online Spaces*. Proceedings of the ACM on Human-Computer Interaction, CSCW.
- [23] **Rosanna Bellini**, Debora de Castro Leal, Hazel Anneke Dixon, Sarah E. Fox, and Angelika Strohmayer. *“There is no justice, just us”*: Making mosaics of justice in social justice Human-Computer Interaction. ACM Conference on Human Factors in Computing Systems (CHI), Extended Abstracts.
- [24] **Rosanna Bellini**, Nicola Dell, Monica Whitty, Debasis Bhattacharya, David Wall and Pamela Briggs. 2020. *Crime and/or Punishment: Joining the Dots between Crime, Legality and HCI*. ACM Conference on Human Factors in Computing Systems (CHI), Extended Abstracts.
- [25] **Rosanna Bellini**, Angelika Strohmayer, Ebtisam Alabdulqader, Alex A. Ahmed, Katta Spiel, Shaowen Bardzell, and Madeline Balaam. 2018. *Feminist HCI: Taking Stock, Moving Forward, and Engaging Community*. ACM Conference on Human Factors in Computing Systems (CHI), Extended Abstracts.
- [26] Angelika Strohmayer, **Rosanna Bellini**, Janis Meissner, Samantha Mitchell Finnigan, Ebtisam Alabdulqader, Austin Toombs, and Madeline Balaam. 2018. *#CHIiversity: Implications for Equality, Diversity, and Inclusion Campaigns*. ACM Conference on Human Factors in Computing Systems (CHI), Extended Abstracts: Alt.CHI.

Invited Book Chapters

- [27] **Rosanna Bellini** and Hazel Dixon. *Troubling Technologies for Sexual Consent: Examining the Technical Frameworks for Sexual Communication*. In *Sexualities*, December 2022.

- [28] **Rosanna Bellini**. Book Chapter *Reflections on accessing and reporting on employee well-being data*. In *Stopping Gender-based Violence in Higher Education: Policy, Practice, and Partnerships*, August 2022.

Press Articles

- [29] **Rosanna Bellini**. March 2021. *Tentative steps in the right direction to end violence against women, but not a victory yet*. In *News: Open Lab*.
- [30] **Rosanna Bellini**. 2020. *What Am I Reading?* *Interactions*, Volume 27, Issue 6 November – December 2020
- [31] **Rosanna Bellini** and Angelika Strohmayer. *Intersections of Transformation*, *Interactions* Volume 27, Issue 7 September - October 2020
- [32] Nicole Westmarland and **Rosanna Bellini**. *Coronavirus lockdown is a dangerous time for victims of domestic abuse – here's what you need to know*. *The Conversation*, 19th March, 2020.
- [33] **Rosanna Bellini**. *Why we're challenging domestic violence perpetrators with interactive storytelling*. *The Conversation*, 10th February 2020.

Commissioned Reports

- [34] Nicole Westmarland, **Rosanna Bellini**, Alishya Dhir, Kirsten Hall, Amanda McCormick, Sue Regan, and Nikki Rutter. April 2021. *An evaluation of Respect's strategic and service delivery work during Covid-19*. Durham University for the Home Office of the Government of the United Kingdom.
- [35] Victoria Paige, Sara Kirkpatrick, and **Rosanna Bellini**. 2021. *Tech vs Abuse: How Can Technology Help DVPPs?*, Respect UK
- [36] Hannah King, Nicole Westmarland and **Rosanna Bellini**. 2020 *Durham County Council Domestic Abuse Awareness Project (DAAP) Evaluation Final Report*, Durham County Council, October 2020.

Datasets and Community Resources

- [37] The *Intimate Partner Financial Abuse* corpus by J.P.Morgan Chase. Positive match cases for intimate partner financial abuse in Consumer Financial Protection Bureau (CFPB) customer complaints. Constructed with Arkaprabha Bhattacharya, Kevin Lee, Vineeth Ravi, and Jessica Staddon. <https://github.com/jpmorganchase/ipfa>
- [38] The *Intimate Partner Surveillance Attack Vector and Justification* corpus. Labelled forum posts from relationship and technology forums for attack vectors, contextual factors, and escalation steps for surveillance of intimate partners. Constructed with Emily Tseng, Nora McDonald, and Sandra Ebirim. *Data-set not publicly available. Access available upon appropriate request*.
- [39] Angelika Strohmayer, Julia Slupska, **Rosanna Bellini**, Gina Neff, Lynne Coventry, Tara Hairston, and Adam Dodge. *Trust and Abusability Toolkit: Centering Safety in Human-Data Interactions*. September 2021.

Research Impact and Media Interviews

- [40] Results from [7], [11] and [12] directly informed and cited in the *Home Office Standards for Domestic Abuse Perpetrator Programmes*, in the United Kingdom.
- [41] Speaker on *Stalkerware: Tech-enabled domestic abuse skyrocketing*, *Business Daily*, BBC World Service, Ivana Davidovic, 16th November 2021.
- [42] Intimate partner surveillance [15] and [16] featured in, and interviewed in *Americans are obsessed with digitally stalking their loved ones*, *INPUT Magazine*, Chris Stokel-Walker, 29th October 2020.

[43] Interviewed in *These North-East and North Yorkshire women are making technology more inclusive*, The Northern Echo, Tasmin Lockwood, 11th September 2020.

Funding

- 2023. **JP Morgan Chase** JP Morgan Faculty Research Award (shared with Dell, Ristenpart) \$ 70,000
- 2020. **Facebook** USENIX Internet Defence Prize (shared with Tseng, Dell, Ristenpart) \$ 40,000
- 2020. **Volkswagenstiftung** Foundation (shared with Strohmayer, Dankwa and Draude) € 47,500
- 2019. **Comic Relief** Tech vs Abuse (shared with Respect UK) £ 50,000
- 2018. **Newcastle University** Equality, Diversity, and Inclusion Awards £ 5,000
- 2017. **EPSRC** Centre for Doctoral Training (CDT) in Digital Civics PhD Studentship £ 60,000
- 2017. **Newcastle University** Student Union Society: Newcastle Feminist Society £ 4,000

Invited Presentations

- 2023. Messaging Malware Mobile Anti-Abuse Working Group (M³AAWG), Brooklyn, US.
- 2023. University of Strathclyde, Glasgow, UK.
- 2023. City, University of London, London, UK.
- 2022. Security and Networks Seminar, University of California, San Diego, US.
- 2022. MISC Seminar Series, University of Michigan, US.
- 2022. BISC-MI Conference, Michigan, US.
- 2021. NNEDV Tech Summit, New York, US.
- 2021. WWP European Network, London, UK
- 2020. BISC-MI Conference, Michigan, US.
- 2019. BISC-MI Conference, Michigan, US.
- 2019. Consent Conference, Durham University, UK.
- 2019. NORTHLab Talks. Northumbria University, UK
- 2017. Digital Economy Network at CDT Showcase. London. UK

Teaching

Teaching Assistant

Information Science (Postgraduate), Cornell University, New York, US.

- 2022. INFO6940 Social Justice and Technology.

Computer Science (Postgraduate), Newcastle University, England, UK.

- 2019. CSC8406 Object Oriented Programming.
- 2018 – 2019. CSC8404 Advanced Programming in Java.
- 2018 – 2019. CSC8002 Advanced Programming.
- 2018 – 2019. CSC8001 Programming and Data Structures.
- 2018 – 2019. CSC8010 Computer Environments.
- 2018. CSC8008 Information Systems.
- 2018. CSC8009 Research Methods for Computer Science.

Computer Science (Undergraduate), Newcastle University, England, UK.

2018. CSC1026 Website Design and Construction.

2018. CSC2024 Database Technologies.

2018. CSC2021 Software Engineering.

Guest Lecturer

2020 – 2023. SHSS, Psychological Therapies (Postgraduate), Edinburgh University, Scotland, UK.

2022. CSE291-6, Computer Science (Undergraduate), University of California San Diego, US.

2021. DDC, Design for Health & Wellbeing (Postgraduate), University of Limerick, Ireland

2019. Insights Public Lectures, Newcastle University, UK.

Advising

Masters Students

Adelaide Nyanyo, Cornell Tech, Information Science (2023 –)

Ana Medinac, Cornell Tech, Information Science (2023 –)

Tiffany Lee, Cornell Tech, Information Science (2022 –)

Arkaprabha Bhattacharya, University of Washington (2022 –)

Lauren Tran, Cornell Tech, Information Science (2022 – 2022)

Kristen Flaherty, Cornell Tech, Information Science (2022 – 2022)

Jeremy Markowitz Shaffer, Cornell Tech, Information Science (2022 – 2023)

Jeremy Hazan, Cornell Tech, Information Science (2021 – 2022)

Netania Kligerman, Cornell Tech, Information Science (2021 – 2022)

Academic Service

Programme Committee

2023. SECHOPE'23

2023. CSCW Northeast (NE)

2022. ACM Human Factors in Computing Systems (CHI)

2022. ACM Designing Interactive Systems (DIS): Papers and Pictorials

2021. ACM Designing Interactive Systems (DIS): Papers and Pictorials

Associate Editor

2021 – present ACM Interactions

2019 – 2021. Sage Journals, Feminist Theory

Reviewer

ACM Human Factors in Computing Systems (CHI)

ACM Computer Supported Cooperative Work and Social Computing (CSCW)

ACM Transactions on Computer-Human Interaction (TOCHI)

ACM International AAAI Conference on Web and Social Media (ICWSM)

ACM Designing Interactive Systems (DIS)

ACM Computing and Sustainable Societies (COMPASS)

ACM Nordic Forum for Human-Computer Interaction (NordiCHI)

USENIX Security Symposium

CHIWORK Symposium

Oxford University Press: Journal of Computer-Mediated Communication (JCMC-23-047)

EUSSET Communities and Technologies (C&T)

SAGE Publications: Journal of Violence Against Women

Bristol University Press: Journal on Gender-Based Violence (JGBV)

Institute of Museum and Library Services (LG-246340-OLS-20)

Cyberpsychology: Journal of Psychosocial Research on Cyberspace

University and Community Service

2021 – present Board Member, National BIP Network Advisory Council

2021 – present Leadership Team at Clinic to End Technology Abuse.

2021 – present Core Member, SIGCHI CARES

2023. Reviewer, ICM Travel Grants

2017 – 2022. Steering Committee, fempower.tech

2019 – 2021 Steering Committee, Centre for Research into Violence and Abuse (CRIVA)

2021. Steering Committee, Feminist Methods, Theories and Actions Conference

2021. Social Media Officer, Participatory Design Conference (PDC)

2019. Expert Panel Member, Not Equal, UKRI funded network, NetworkPlus

2018. Student Volunteer, Communities and Technologies, Vienna

2015. Film Editor, The Courier, The Independent Voice of Newcastle Students