Mark Warner PhD MSc FHEA
Lecturer (Assistant Professor) In Computer Science, University College London, UK

I am a member of the UCL's Information Security Research Group (as of Sept 2022). I am currently the PI on a funded project developing a proactive online harm reduction intervention. This is an interdisciplinary project working with designers, machine learning researchers, and psychologists. Prior to this, I was the computer science lead for OMDDAC, a UKRI funded observatory for monitoring data driven approaches to COVID-19 (omddac.org.uk). Broadly, my research focuses on understand how privacy, security, and online harm behaviours (e.g., hate speech, misinformation) manifest in online social environments. Prior research within the privacy and usability EU project (Privacy&Us) explored the privacy and disclosure behaviours and attitudes around disclosure of sensitive health information in online social environments. More recent work has explored message deletion behaviour in mobile messaging applications, highlighting limitations to systems in supporting people in controlling their data and recovering from regretful messages. I am currently engaged in a project exploring the role of family networks in the spread of misinformation, as well as a project looking to understand how transparent and non-transparent interventions could be designed into online communication tools, to encourage kinder forms of online interactions.

EDUCATION

University College London — **London, UK**
Ph.D. in Human-Computer Interaction | UCL Interaction Centre — *Sept 2016 – Sept 2019*
Funded by EU Marie Skłodowska Curie Horizon 2020 Fellowship (6% acceptance rate)

University of Portsmouth (Distinction) — **Distance Learning, UK/UAE**
M.Sc. in Security Management | Institute of Criminal Justice — *Sept 2014 – Aug 2016*

WORK EXPERIENCE

University College London — **London, UK**
Lecturer (Assistant Professor) | Department of Computer Science — *Sept 2022 – Present*
Involved in teaching on modules in the areas of human centered privacy, safety, and security. Supervising undergraduate and postgraduate students on a range of project topics. Actively engaged in independent research on topics of online privacy, disclosure, security, and safety. The research is situated within the field of Human-Computer Interaction (HCI) utilising a range of research methods, including user surveys (included representative large scale), semi-structured interviews, inquiry interviews, diary studies, online experimental designs.

Northumbria University — **Newcastle upon Tyne, UK**
Visiting Researcher | Computer and Information Sciences — *Sept 2022 – Present*

Senior Lecturer | Computer and Information Sciences — *Sept 2019 – Sept 2022*

USECON — **Vienna, Austria**
Research Secondment — *May 2018 – June 2018*
I spent two months at USECON, a user experience design consultancy. Whilst on secondment, I was involved in analysing data from an interview study using a 'top-down' method of analysis, utilising an existing theory to help develop insights from the data.

Unison Sealed Cloud — **Munich, Germany**
Research Secondment — *Apr 2017 – Jun 2017*
I spent three months at Unison, a start-up secure data storage company. Whilst on secondment, I was involved in developing a privacy preserving location lookup service to be used in a prototype watch designed to track professional athletes for the purpose of official drug testing.

Abu Dhabi Police Force — **Abu Dhabi, UAE**

Digital Forensics Consultant | Digital Forensics Laboratory — *June 2012 – Sept 2016*

Implemented the first advanced digital forensics data recovery laboratory in the region which included a Class-1 clean room for Hard Disk Drive repair, a wet lab for using chemicals to repair electronics, and an X-Ray with Computerised Tomography (CT) for non-intrusive inspection of electronics to detect internal damage. Working with external partners to develop a streamlined laboratory casework management system to comply with ISO standards and to enhance lab productivity. Exploring remote device acquisition capabilities for remote convert surveillance.

Metropolitan Police Service — **London, UK**

Forensics Engineer | Casework Research — *Oct 2008 – May 2012*

Conducting casework related research and developing in-house mobile forensic analysis software, the output of which was used in a number of significant and high-profile cases in the UK. I was engaged in a Home Office funded project to explore novel means of acquiring data from digital devices. As part of this project, I was involved in providing advanced digital forensics services to police services across the UK where all other technical avenues had been exhausted. Presenting findings as a recognised expert witness in court, including at the Central Criminal Court.

Serious Fraud Office — **London, UK**

Senior Digital Forensics Consultant | Digital Forensics Unit — *Oct 2006 – Sept 2008*

Developing an in-house mobile forensics capability to support internal investigation teams. Managing a team of three forensic engineers and casework from multiple investigation teams.

AWARDS

2021	UKRI sub-award (~£107,000); Research Development Fund PhD studentship (£60,000) to work on understanding the role of family networks in the spread of misinformation
2020	UK Research & Innovations Grant Award (£430,000); CHI Honorable Mention Award
2016	UCL Faculty of Eng. Scholarship (Dean award), Marie- Curie Fellowship
2014 & 15	Two police commendations for excellence in staff training & project management.

ABRIDGED PUBLICATIONS

Warner, M., Lascau, L., Cox, A., Brumby, D., & Blandford, A. (2021, May). "Oops...": Mobile Message Deletion in Conversation Error and Regret Remediation. In *The ACM Conference on Human Factors in Computing Systems (CHI)* (Vol. 2021). **(A* Ranked)**

Warner, M., Gutmann, A., Sasse, M.A. and Blandford, A., 2018. Privacy Unraveling Around Explicit HIV Status Disclosure Fields in the Online Geosocial Hookup App Grindr. *Proceedings of the ACM on Human-Computer Interaction*, *2*(CSCW), pp.1-22. **(A Ranked)**

Kitkowska, A., **Warner, M.,** Shulman, Y., Wästlund, E., & Martucci, L. A. (2020). Enhancing Privacy through the Visual Design of Privacy Notices: Exploring the Interplay of Curiosity, Control and Affect. In *Sixteenth Symposium on Usable Privacy and Security (SOUPS 2020)* (pp. 437-456). **(B Ranked)**

Warner, M., Kitkowska, A., Gibbs, J., Maestre, J. and Blandford, A., 2020, April. Evaluating 'Prefer not to say' Around Sensitive Disclosures. In *The ACM Conference on Human Factors in Computing Systems (CHI)* (Vol. 2020). ACM. **(A* Ranked)**

Warner, M., Maestre, J.F., Gibbs, J., Chung, C.F. and Blandford, A., 2019, May. Signal Appropriation of Explicit HIV Status Disclosure Fields in Sex-Social Apps used by Gay and Bisexual Men. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* **(A* Ranked)**

EXTRA CURRICULARS

- Expert advisor on the Thames Valley Police data ethics committee
- Expert advisor for a National Police Chiefs Council (NPCC) research strand
- Associate Chair (AC) for ACM CSCW and CHI conferences
- Committee member for departmental gender equality submission