

Curriculum Vitae for Dr George R S Weir

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Present position: Lecturer in Computer Science

Academic qualifications

MA with Honours (Mental Philosophy), University of Glasgow; PG Diploma in Business Information Technology Systems, University of Strathclyde; PhD (Philosophy), University of Edinburgh.

Summary

Dr Weir has published extensively in the areas of Cybercrime, Security, HCI, readability, digital forensics and corpus linguistics (authoring or co-authoring more than 150 publications) and has developed several software tools for use in readability and textual analysis. He has collaborated with researchers in the UK, and internationally, including Japan - where he is a named associate on two grants awarded by the Japan Society for the Promotion of Science, Canada, Sri Lanka and Australia. In 2005, Dr Weir was awarded a Sir Winston Churchill Trust Travel Fellowship. He is a member of the BCS Forensics and Cybercrime Specialist Group, the British Computer Society, Senior Member of the IEEE and the Higher Education Academy. He is also a Fellow of the Winston Churchill Memorial Trust and a Fellow of the Royal Society of Arts. He is certified to teach commercial courses on Checkpoint Firewall products and Nokia Security Appliances. Founding director of two Internet-related companies; developed and delivered training materials on Internet technologies and Security for a variety of commercial clients; member of the International Cybercrime Research Centre, Simon Fraser University, Vancouver, Canada and Senior Research Affiliate, Canadian Network for Research on Terrorism, Security & Society. In addition to serving on numerous conference programme committees and journal editorial committees, he is a member of the Association of Certified Fraud Examiners and a Certified IT Professional (BCS).

Teaching and Supervision

Dr Weir has taught a variety of courses at undergraduate and postgraduate levels, including: Computer programming, Human-Computer Interaction, Multimedia, Computer Security, Enterprise Networking, Digital Forensics and Web Applications Engineering. In 2016 and 2019, as a visiting professor and sessional instructor, he taught classes in the School of Criminology, and in the Department of Computing, Simon Fraser University, Canada. He is a visiting lecturer on the MSc in Information Security at the School of Computing, University of Colombo, Sri Lanka. In 2018 he was appointed as an Adjunct Professor in Criminology, School of Criminology, Simon Fraser University, Canada.

At Strathclyde, he is currently supervising twelve PhD students, working mainly in the area of information security. He has served as an external examiner for 14 PhDs and two MPhils, at the following institutions: University of Glasgow, London South Bank University, University of East Anglia, University of East London, University of Southampton, Kingston University, Cardiff Metropolitan University, UCD Ireland, University of Ballarat, Australia, Deakin University, Australia and Federation University, Australia. He has served as an external examiner for taught courses (undergraduate and postgraduate) at the University of the West of England, University College Dublin, Bristol University, and the University of East London.

Recent External Engagement

1. Member of Evidence and Investigation Steering Group, Scottish Institute for Policing Research, 2017.
2. External examiner, MSc Forensic Computing and Cybercrime Investigation, Centre for Cybersecurity and Cybercrime Investigation, School of Computer Science and Informatics, UCD, Ireland (2014-2017).
3. Technical Programme Committee Chair, 4th International Conference on Cybercrime and Digital Forensics, Vancouver, June, 2016.
4. Senior Research Affiliate, Canadian Network for Research on Terrorism, Security and Society.
5. Adjunct Professor in Criminology, School of Criminology, Simon Fraser University, Canada.
6. Member, International Cybercrime Research Centre, Simon Fraser University, Canada.

Recent Journal and Conference Papers

1. S. M. Albladi, and G. R. S. Weir, Predicting individuals' vulnerability to social engineering in social networks, 5 Mar, In: Cybersecurity. 3, 1, 19, 2020.
2. Samar M Albladi and George R S Weir, A conceptual model to predict social engineering victims, IEEE 12th International Conference on Global Security, Safety and Sustainability (ICGS3), 2019.
3. Fabian Suß, Marco Freimuth, Andreas Aßmuth, George Weir, and Robert Duncan, Cloud Security and Security Challenges Revisited, Tenth International Conference on Cloud Computing, GRIDs, and Virtualization, 2019.
4. Barry Cartwright, George R S Weir, Lutfun Nahar, Karmvir Padda and Richard Frank, The Weaponization of Cloud-based Social Media: Prospects for Legislation and Regulation, Tenth International Conference on Cloud Computing, GRIDs, and Virtualization, 2019.
5. Barry Cartwright, George R S Weir, and Richard Frank, Fighting Disinformation Warfare with Artificial Intelligence, Tenth International Conference on Cloud Computing, GRIDs, and Virtualization, 2019.
6. Barry Cartwright, George R S Weir, and Richard Frank, Cyberterrorism in the Cloud, in *Security, Privacy, and Digital Forensics in the Cloud*, Lei Chen, Hassan Takabi and Nhien-An Le-Khac (Eds.), pp. 217-237, Wiley, 2019
7. Yazeed Alkhurayyif and George R S Weir, Using Sequential Exploratory Mixed Methods Design to Explore Readability of ISPs, International Conference on Electronics and Communications Engineering (iCCECE '18).
8. George Weir, Andreas Aßmuth, Nicholas Jäger, Forensic Recovery and Intrusion Monitoring in the Cloud, International Journal On Advances in Security, v 11 n 3&4, pp 264-273, 2018.
9. Kolade Owoeye & George R S Weir, Classification of Radical Web Text using a Composite-Based Method, IEEE International Conference on Computational Science and Computational Intelligence, 2018.
10. Kolade Owoeye & George R S Weir, Classification of Extremist Text on the Web using Sentiment Analysis Approach, IEEE International Conference on Computational Science and Computational Intelligence, 2018.
11. Samar Albladi and George R S Weir, A Semi-Automated Security Advisory System to Resist Cyber-attack in Social Networks, International Conference on Computational Collective Intelligence, 2018.
12. George R S Weir, Kolade Owoeye, Alice Oberacker and Haya Alshahrani, Cloud-based textual analysis as a basis for document classification, The 7th International Workshop on Security, Privacy and Performance in Cloud Computing (SPCLOUD 2018), 2018.
13. Samar Albladi and George R S Weir, User Characteristics that Influence Judgment of Social Engineering Attacks in Social Networks, Human-centric Computing and Information Sciences, 2018.
14. George R S Weir, Andreas Aßmuth and Nicholas Jäger, Managing Forensic Recovery in the Cloud, Cloud Computing 2018, The Ninth International Conference on Cloud Computing, GRIDs, and Virtualization, IARIA, Barcelona, Spain, February 2018.
15. Mahmoud Nasreldin, Heba Aslan, Mohamed Rasslan and George Weir, Evidence Acquisition in Cloud Forensics, IEEE International Conference on New Paradigms in Electronics & Information Technology (PEIT'17), 5 - 8 November 2017, Alexandria, Egypt.
16. S. M. Albladi and G. R. S. Weir, Personality Traits and Cyber-Attack Victimisation: Multiple Mediation Analysis, in Joint 13th CTTE and 10th CMI Conference on Internet of Things – Business Models, Users, and Networks. Copenhagen, Denmark, 2017.
17. Haya Alsharani and George R S Weir, Hybrid Arabic Text Steganography, International Journal of Computer and Information Technology, Vol.6 issue 6 (November 2017), 2017.
18. Samar Albladi and George R S Weir, Competence Measure in Social Networks, In the 51st International Carnahan Conference on Security Technology, Madrid, October, 2017.
19. Yazeed Alkhurayyif and George Weir, Readability as a Basis for Information Security Policy Assessment, 7th IEEE International Conference on Emerging Security Technologies, Canterbury, 2017.
20. George R S Weir and Andreas Aßmuth, Strategies for Intrusion Monitoring in Cloud Services, Cloud Computing 2017, The Eighth International Conference on Cloud Computing, GRIDs, and Virtualization, IARIA, Athens, Greece, February 2017.
21. Fathiya Al Izki and George Weir, Management Attitudes Toward Information Security in Omani Public Sector Organisations, Cybersecurity and Cyberforensics Conference (CCC 2016), University of Jordan, Jordan, IEEE.

Further biographical details and fuller publication list are available from:

http://personal.cis.strath.ac.uk/george.weir/cyber_cv.html