



President’s Research Bursaries 2021/22

Supervisor Profile	
<b>Name</b>	Prof Joan Condell
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<b>Email</b>	<a href="mailto:j.condell@ulster.ac.uk">j.condell@ulster.ac.uk</a>
<b>Current Research Interests</b>	Sensors, wearables and applications Intelligent systems, AI, data science and IoT
<b>Career Profile (Education and Employment)</b>	<p>2019-present Professor, Ulster University (Magee)</p> <p>2021-2025 External Examiner in Cyber Security in University of Coventry</p> <p>2021-2025 External Examiner in Computing and Software Development/Cyber Security in University of Plymouth in partnership with Peninsula College Malaysia</p> <p>2021-2025 External Examiner in Computer Science in University of Hertfordshire</p> <p>2019-present Royal Irish Academy Engineering Committee (also IAP COVID Expert Group and member of Celtic Academies Alliance / Devolved Academies)</p> <p>2011-present Fellowship: Distinguished Teaching and Learning, Ulster University</p> <p>2017-2021 External Examiner in Computing at University of Bradford</p> <p>2018-2021 External Examiner in Cyber Security at De Montfort University</p> <p>2011-2019 Senior Lecturer, Ulster University (Magee)</p> <p>2013-2017 External Examiner in Computing at University of Stafford</p> <p>2002-2011 Lecturer, Ulster University (Magee)</p>
<b>Key Achievements</b>	<p>I currently supervise 5 PhD students (previously completed 8) and a research team of 14 EU project researchers (previously supervised to completion 7 researchers on project contracts).</p> <p>I mentor and support junior staff (Early Career Researchers) and mentor them as they join me on research teams submitting a range of research proposals monthly to EU, international and regional funding programmes.</p>



I have led and continue to lead a number of large European grants, to total value of over £33 Million Total Project Research Funding (EU/Other)

I have also been successful in bringing in a broad range of impact funding from 2005-date over 2 million including spin-out companies for impact activities in Ulster University

I am a Research Grant Reviewer and Application Assessor for National Institute for Health Research, Service Delivery and Organisation Programme (2013); National Centre of Science and Technology Evaluation, Kazakhstan (2015-2018); UK-India Education and Research Initiative programmes (UKIERI) (2016); H2020 programmes (2016); UNESCO Newton Prize (2018-20); AHRC UK-US Partnership Development Grants (2019); UK-US Collaboration for Digital Scholarship in Cultural Institutions Partnership Development Grants (2019); Irish Research Council Enterprise Partnership Schemes, Employment and Foundation Programmes (2019-21); UK Centre for Research and Evidence on Security Threats (CREST) programmes (2019-21) and ESRC commissions; Innovate UK review panels: Business Basics 3 - SME technology use non-business led trials and SME technology use business led trials; Smart Grants (2020-21)

I hold a range of patents awarded (and have patents pending) 2010+: "An Encryption Method", "Method for Skin Tone Detection", "Movement detection using a nearby mobile phone (MOMO)", "Gait recognition methods and systems" (U342, U381, U202, U203), "Assessing foetal movements", "Real-time Adaptive Flow"

I have in total over 250 research publications: 70 Journal Articles; 3 Book chapters; 180+ Peer Reviewed Conference Publications.

I hold (and have held) a range of external assessor/examiner roles: External Examiner in Computing: University of Coventry (Cyber Security): 2021-2025; Computer Science in University of Hertfordshire: 2021-2025; Computing and Software Development/Cyber Security in University of Plymouth in partnership with Peninsula College Malaysia: 2021-2025; Undergraduate Computing in University of Bradford: 2017-2021; Cyber Security in University of De Montfort: 2018-2021; Computing in University of Stafford: 2013-2017

I have been course validation and assessment panel member: University of Buckinghamshire: 2018; University of Manchester (MSc AI/Data Science): 2020; Nottingham University (IFY): 2021; Aberdeen University (IFY, year 2, Computing Science): 2021; University of East London (Collaborative Validation Panel in



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Institute  
of Technology

School of Architecture, Computing and Engineering): 2021;  
University of Coventry (Professional Doctorate in Security  
Sciences validation): 2021.

I completed HEA External Examiner training - Advance HE  
Professional Development Course (2017)

**Links to ResearchGate/LinkedIn  
Profile/ORCID ID**

[Joan CONDELL | Ulster University, Antrim | School of  
Computing and Intelligent Systems \(researchgate.net\)](#)

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