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Employment

Professor of Computer Science

Full Professor
School of Computing
Vice-Chancellor's Office
1 Aug 2017 → present

Full Professor

Faculty Of Computing, Eng. & Built Env.
Vice-Chancellor's Office
1 Aug 2017 → present

Non-executive director, Pneuma Healthcare

Pneuma Healthcare
Italy
24 Jun 2022 → present

Steering Group member, Dementia Engaged & Empowered Derry & Strabane (DEEDS)

1 Jan 2019 → present

Chair, Cedar Foundation

Cedar Foundation
Belfast, Northern Ireland
1 Jan 2017 → 31 Dec 2022

Vice-Chair of Executive Committee, Cedar Foundation

Cedar Foundation
Belfast, Northern Ireland
1 Jun 2015 → 1 Dec 2016

Member, Strategic Management Group, Derry/Londonderry Dementia (DEED) Friendly City Project

1 Jan 2014 → 1 Jan 2015

Member of Executive Committee, Cedar Foundation

Cedar Foundation
Belfast, Northern Ireland
1 Dec 2011 → present

Member, Ofcom Advisory Committee on Older and Disabled People

UK Office of Communications (Ofcom)
1 Jul 2008 → 30 Jun 2011

Research outputs

Process mining to discover patterns in patient outcomes in a Psychological Therapies Service

Potts, C., Bond, RR., Jordan, J.-A., Mulvenna, M., Dyer, K., Moorhead, A. & Elliott, A., 16 May 2023, (Published online) In: *Health Care Management Science*. p. 1-16 16 p.

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Upper Limb Position Tracking with a Single Inertial Sensor Using Dead Reckoning Method with Drift Correction Techniques

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Profiles of the Different Diagnostic Outcomes at the NHSCT Memory Service

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An analysis of crisis helpline call data following a murder-suicide event

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Discovering and comparing types of general practitioner practices using geolocational features and prescribing behaviours by means of K-means clustering: A Comparison of Prescribing Behaviours Between Practice Types

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Can Chatbots Help Support a Person's Mental Health? Perceptions and Views from Mental Healthcare Professionals and Experts

Sweeney, C., Potts, C., Ennis, E., Bond, RR., Mulvenna, M., O'Neill, S., Malcolm, M., Kuosmanen, L., Kostenius, C., Vakaloudis, A., McConvey, G., Turkington, R., Hanna, D., Nieminen, H., Vartiainen, A-K., Robertson, A. & McTear, M., 15 Jul 2021, In: *ACM Transactions on Computing for Healthcare*. 2, 3, p. 1-15 15 p., 25.

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The InspiredD Reminiscence App to Support People Living with Dementia

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Chatbot as a method for socially sustainable mental health care

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Proceedings of the 7th International Conference on Information and Communication Technologies for Ageing Well and e-Health

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Towards conversational technology to promote, monitor and protect mental health

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Activities

2023

International Conference on Information and Communication: Technologies for Ageing Well and e-Health

Martina Ziefle (Chair), María Lozano Perez (Chair) & Maurice Mulvenna (Chair)
22 Apr 2023 → 24 Apr 2023

2022

10th European Conference on Mental Health - Session: Digital mental health: creating a multilingual mental wellbeing chatbot (ChatPal) for citizens in Northern Periphery Regions

Maurice Mulvenna (Chair), Raymond Bond (Organiser) & Courtney Potts (Organiser)
15 Sept 2022

International Conference on Information and Communication Technologies for Ageing Well and e-Health

Maurice Mulvenna (Chair)
23 Apr 2022 → 25 Apr 2022

2021

International Conference on Information and Communication Technologies for Ageing Well and e-Health

Maurice Mulvenna (Chair)
24 Apr 2021 → 26 Apr 2021

2020

International Psychogeriatric Association (IPA) International Annual Congress

Maurice Mulvenna (Organiser), Assumpta Ryan (Organiser), Raymond Bond (Organiser), Courtney Potts (Organiser), Soo Hun (Organiser) & Frances Duffy (Organiser)
2 Oct 2020 → 3 Oct 2020

Digital Phenotyping and Machine Learning in the Next Generation of Digital Health Technologies: Utilising Event Logging, Ecological Momentary Assessment & Machine Learning

Maurice Mulvenna (Keynote speaker)
4 May 2020

Artificial Intelligence & Energy

Maurice Mulvenna (Invited speaker)

22 Jan 2020

2019

31st European Conference on Cognitive Ergonomics

Maurice Mulvenna (Chair) & Raymond Bond (Chair)

10 Sept 2019 → 13 Sept 2019

Digital wellbeing technologies: Using behavioural data

Maurice Mulvenna (Invited speaker)

9 Apr 2019

2018

Utilising event logging, ecological momentary assessment & machine learning: Implications for studies of people living with dementia and their carers

Maurice Mulvenna (Keynote speaker)

12 Sept 2018

32nd British Human Computer Interaction Conference

Raymond Bond (Chair), Maurice Mulvenna (Chair), Michaela Black (Chair) & Jonathan Wallace (Chair)

2 Jul 2018 → 6 Jul 2018

Digital Health Interaction Data: From Smart Homes to Smart Everywhere

Maurice Mulvenna (Invited speaker)

28 Jun 2018

2014

IEEE International Conference on Bioinformatics and Biomedicine BIBM 2014

Maurice Mulvenna (Chair) & Richard Davies (Chair)

2 Nov 2014 → 5 Nov 2014

2013

Fifth International Conference on Innovation through Knowledge Transfer

Maurice Mulvenna (Chair) & Janet Coulter (Chair)

11 Apr 2013 → 12 Apr 2013

2011

Pervasive Computing Technologies for Healthcare (PervasiveHealth), 2011 5th International Conference on

Suzanne Martin (Chair), Maurice Mulvenna (Chair) & Huiru (Jane) Zheng (Chair)

23 May 2011

CHI Conference on Human Factors in Computing Systems

Dan Cosley (Chair), Maurice Mulvenna (Chair), Victoria Schwanda (Chair), S. Tejaswi Peesapati (Chair) & Terence Wright (Chair)

6 May 2011 → 12 May 2011

2009

23rd BCS conference on Human Computer Interaction

Maurice Mulvenna (Chair), Huiru (Jane) Zheng (Chair) & Terence Wright (Chair)

1 Oct 2009 → 5 Oct 2009

Prizes

Best Interdisciplinary Research Award for "A Circadian Lighting and Activity Detection Solution to Enhance Wellbeing for People with Dementia"

Turley, Kate (Recipient), Rafferty, Joseph (Recipient), Bond, Raymond (Recipient), Mulvenna, Maurice (Recipient), Ryan, Assumpta (Recipient), Topping, Pamela (Recipient) & Crawford, Lloyd (Recipient), 7 Dec 2021

Best paper award: International Conference on Emerging Network Intelligence

Deussen, Peter (Recipient), BAUMGARTEN, MATTHIAS (Recipient), Mulvenna, Maurice (Recipient), Manzalini, Antonio (Recipient) & Moiso, Corrado (Recipient), 11 Oct 2009

Best paper award: International Conference on Web Information Systems Engineering

Buchner, A. G. (Recipient), BAUMGARTEN, MATTHIAS (Recipient), Mulvenna, Maurice (Recipient), Böhm, Rüdiger (Recipient) & Anand, Sarabjot Singh (Recipient), 19 Jun 2000

Best paper award: International Database Conference on Heterogeneous and Internet Databases

Buchner, Alex G (Recipient), Mulvenna, Maurice (Recipient), Anand, Sarabjot Singh (Recipient) & Hughes, John G (Recipient), 6 May 1999

Best PhD Project Award Certificate for the paper entitled "A Tailored Internet of Things Lighting Solution to Support Circadian Rhythms and Wellbeing of People Living with Dementia"

Turley, Kate (Recipient), Bond, Raymond (Recipient), Rafferty, Joseph (Recipient), Mulvenna, Maurice (Recipient), Ryan, Assumpta (Recipient) & Crawford, Lloyd (Recipient), 18 Feb 2023

Distinguished Enterprise Fellowship

Mulvenna, Maurice (Recipient), 1 Sept 2009

Highly Commended, Mobile App of the Year for Inspired Dementia Reminiscence App

Ryan, Assumpta (Recipient), Mulvenna, Maurice (Recipient), Mc Cauley, Claire (Recipient), Goode, Debbie (Recipient), Bond, Raymond (Recipient) & Potts, Courtney (Recipient), 2021

Inaugural Award for Industry-Academic Collaboration

Cameron, Gillian (Recipient), Mulvenna, Maurice (Recipient), Bond, Raymond (Recipient) & O'Neill, Siobhan (Recipient), 10 Apr 2019

Innovate UK KTP Awards 2022 - Future Leader Finalist

Turley, Kate (Recipient), Crawford, Lloyd (Recipient), Morrow, Shayne (Recipient), Bond, Raymond (Recipient), Rafferty, Joseph (Recipient), Mulvenna, Maurice (Recipient) & Ryan, Assumpta (Recipient), 12 Oct 2022

IST Grand Prize

Mulvenna, Maurice (Recipient), 25 Oct 2001

National Societal Impact Award

Cameron, Gillian (Recipient), Mulvenna, Maurice (Recipient), Bond, Raymond (Recipient), O'Neill, Siobhan (Recipient) & Armour, Cherie (Recipient), 9 Sept 2020

Winner, Research Excellence Award

O'Neill, Siobhan (Recipient), Mulvenna, Maurice (Recipient), Bond, Raymond (Recipient), Ennis, Edel (Recipient), Turkington, Robin (Recipient) & Grigorash, Alexander (Recipient), 27 Aug 2020