

Suzanne Martin PhD

Chief Allied Health Professions Officer Northern Ireland
Professor Occupational Therapy
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Digital Technology in Health and Social Care, Opportunity Knocks or Strictly Pointless?









Self-actualization

desire to become the most that one can be

Esteem

respect, self-esteem, status, recognition, strength, freedom

Love and belonging

friendship, intimacy, family, sense of connection

Safety needs

personal security, employment, resources, health, property

Physiological needs

air, water, food, shelter, sleep, clothing, reproduction









International Healthcare challenges with regional variations





Ageing in Place



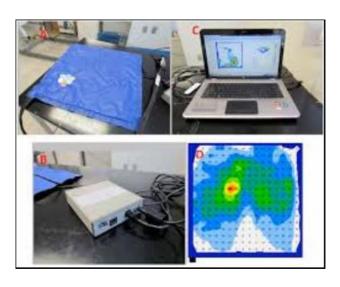


Environmental Factors - Home Space & Technology - Environmental Control Systems & Alternative and Augmentative communication devices

Enabling Technologies



Clinical Decision Making



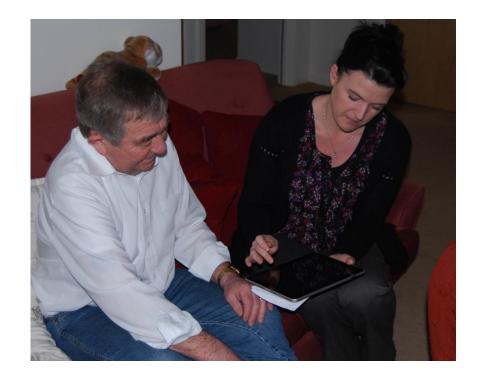


Established therapy onto novel technologies

Reality orientation



Reminisce therapy







Southern Health and Social Care Trust



Innovatively investing in Europe's Northern Periphery for a sustainable and prosperous future

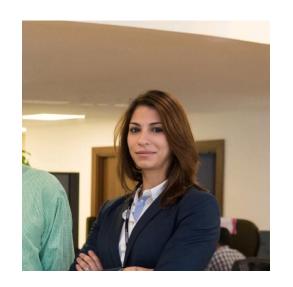
















Muscab, H, Kernohan, WG, Wallace, JG, Harper, R & Martin, S 2017, 'Self-Management of Diabetes Mellitus with Remote Monitoring: A Retrospective Review of 214 Cases', *International Journal of E-Health and Medical Communications*, vol. 8(1), pp. 52-61.

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Muscab, H, KERNOHAN, WG, Wallace, JG, Harper, R & Martin, S 2015, 'The Journey towards Successful Research in a Diabetes Clinic: Expectations vs. Reality', *Journal of Health and Medical Informatics*, vol. 6:5.

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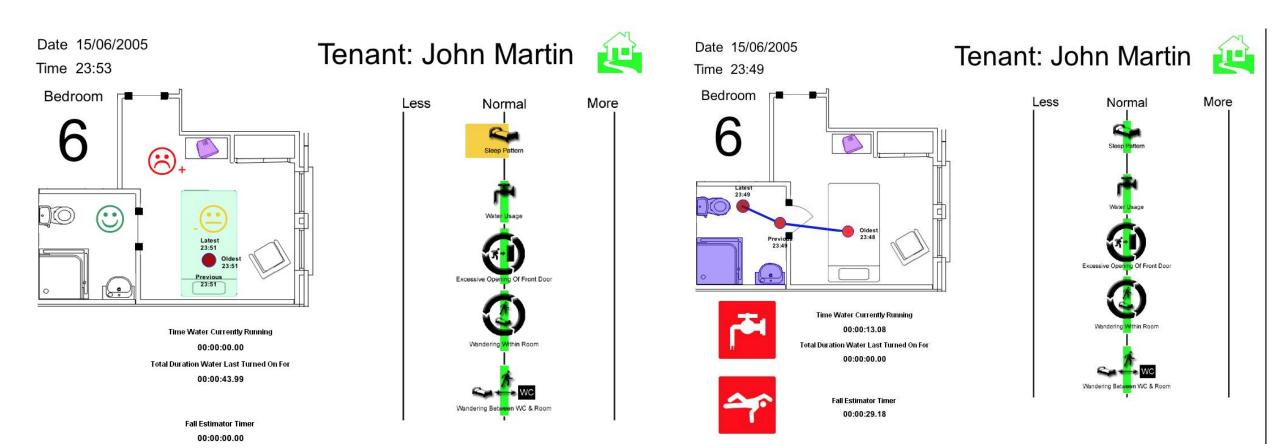








Pervasive Space – Lifestyle Monitoring 2005 – Pathlogic – Willowfield and Sydenham Court







Device Design & System
Development (Brain
Computer Interfaces - BCI)



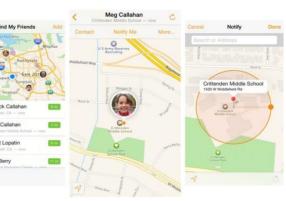




Everyday Digital Technologies - Everyday Lives









Beyond BYOD to BYOX



















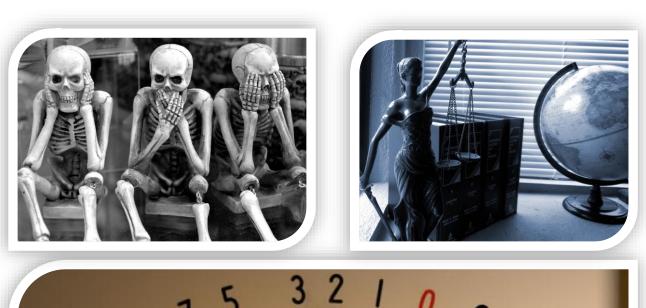
Social Isolation





Ethics – Research and Implementation are Different

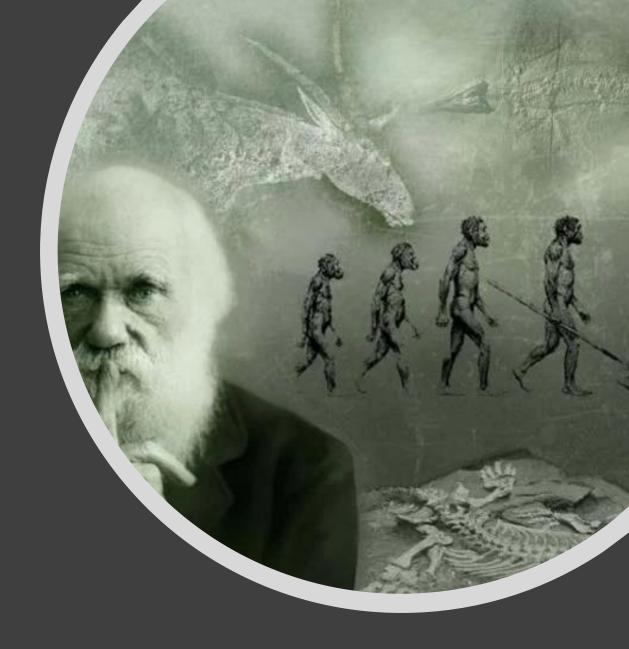
- Ethics
- Privacy
- Consent
- Security
- Legal issues





"It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is most adaptable to change."

Charles Darwin







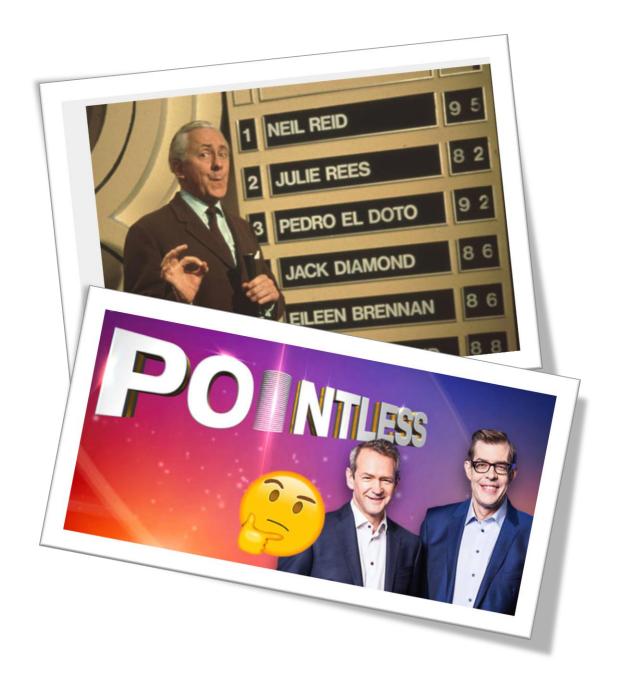
Definition of Wellness

Wellness is the optimal state of health of individuals and groups. There are two focal concerns: the realisation of the fullest potential of an individual physically, psychologically, socially, spiritually and economically, and the fulfilment of one's role expectations in the family, community, place of worship, workplace and other settings.









Opportunity Knocks or Strictly Pointless?







References

- Image on opening slide: Health and Social Care Alliance Scotland. Digital health and care review. Available from https://www.alliance-scotland.org.uk/blog/news/digital-health-and-care-review-of-2018/ accessed 22/02/2020
- Preamble to the Constitution of WHO as adopted by the International Health Conference, New York, 19 June - 22 July 1946; signed on 22 July 1946 by the representatives of 61 States (Official Records of WHO, no. 2, p. 100) and entered into force on 7 April 1948. The definition has not been amended since 1948.
- Memel, D. (2008) Assessing functional ability is important. *British Journal of General Practice*. 58 (557): 835-836. **DOI:** 10.3399/bjgp08X376159