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Awards & Recognition [As Faculty of Nursing]

1. **Certified Global Nurse Consultant**, The Commission on Graduates of Foreign Nursing Schools [CGFNS] International, 2024.
2. Finalist – **Supervisor of the Year**, Edinburgh University Students' Association [EUSA], 2024.
3. **Fellow of the American Academy of Nursing**, The American Academy of Nursing, 2022
4. **National Teaching Fellow** - Advance Higher Education UK, 2022
5. High Commendation – **Best research Supervisor**, Highlands & Islands Student Association [HISA] Awards, University of the Highlands & Islands, 2020
6. **Churchill Fellow**, The Churchill Fellowship UK, 2019
7. Winner – **Post Graduate Research Supervisor of the Year** – Recognising and Advancing Teaching Excellence Award (RATE), University of Stirling, 2018.
8. **Recognition Award for Outstanding and Exceptional contribution**, University of Stirling, 2016.
9. Winner - **Being Dementia Smart: Enhanced Student Learning Award** – The Herald Higher Education Awards for Scotland, 2016.
10. Finalist - **Being Dementia Smart for Enhanced Dementia Practice : Teaching Innovation of the Year**, Student Nursing Times Award UK, 2016.
11. Senior Fellow of the UK Higher Education Academy, 2016
12. Finalist - **Being Dementia Smart: Best Educational Initiative**, Scotland's Dementia Awards, 2015.
13. Winner - **MSc in Health and Wellbeing of the Older Person : Education Provider of the Year**, General Practice Awards UK, 2014.
14. Finalist - **MSc in Health and Wellbeing of the Older Person : Post Registration Education Provider**, Student Nursing Times Awards UK, 2014.
15. The Scottish Crucible Award, The Scottish Funding Council, 2013.
16. The Dr Mary Sulakshini Immanuel PhD Award, CMC, Vellore, India, 2011.



Publications

Textbook

Churness V & Macaden L (2012). Nursing Management: Concepts & Skills (*Including Ward Management*): ISBN 13:978-93-82457-07-7, Ecumenical Book Services, Chennai, India: Core Textbook for the General Nursing & Midwifery Programme in India.

Book Chapter

Macaden L (2012). Research in Nursing in David, Brown, Nelson, Banerjee, Anantharaman, et al. Textbook of Emergency Medicine - Vol. 1 & 2, (Wolters Kluwer, Lippincott Williams & Wilkins Delhi, India): 1263 -70.

Peer Reviewed Journals

1. Washington M, Macaden L, Smith A, Selvam S, Mony PK (2024). An exploration of the support received by mothers for Kangaroo Mother Care practice along the health facility-community continuum – an operational research study in a sub-district of Northern Karnataka, India - *PLOS One* [Accepted on 30 July 2024].
2. Yin G, Macaden L, Sivaramakrishnan D, Wang Y, Zhu L, Chong H (2024). Home-Based End-of-Life Care for Patients with Dementia: A Systematic Review of Quantitative and Qualitative Evidence – *Dementia: the international journal of social research and practice* [Accepted on 06 Dec 2024].
3. Fuzesi P, Broadfoot K, Lennon M, Jacob SA , Macaden L, ... Watson MC [2024]. The burden of managing medicines for older people with sensory impairment: an ethnographically-informed study – doi: [10.1177/23337214241253410](https://doi.org/10.1177/23337214241253410)
4. Beattie M, Muirhead K, Gibb R, Ross F & Macaden L [2024]. Experience-based Modifications of the Bed Band ReAlised through Co-dEsign (EMBRACE) *BMJ Open Quality* ;13:e002614. doi: [10.1136/bmjopen-2023-002614](https://doi.org/10.1136/bmjopen-2023-002614)
5. Schoultz M, Mcgrogan C, Carolan C, Macaden L & Beattie M [2024]. Exploring barriers to care home research recruitment during the COVID-19 pandemic: The influence of social media recruitment posts and public sentiment – <https://doi.org/10.1371/journal.pone.0303609>
6. Macaden L, Muirhead K. Dementia Education for Workforce Excellence: Evaluation of a Novel Bichronous Approach. *Healthcare*. 2024; 12(5):590. <https://doi.org/10.3390/healthcare12050590>
7. Watson M, Lennon M, Macaden L, Smith A, Jacob S, Welsh T, ... Kamalakannan S. (2024). The SIPA2 Study: Exploring the Pharmaceutical Care Needs of Older People with Sensory Impairment (Opwsi). *Research in Social and Administrative Pharmacy*, (2), doi: [10.1016/j.sapharm.2023.09.017](https://doi.org/10.1016/j.sapharm.2023.09.017)
8. Fuzesi P, Broadfoot K, Lennon M, Jacob S, Macaden L, Smith A, ... Watson M. (2023). An ethnographic exploration of the medicine use of community dwelling older adults with sensory impairment in Scotland. *Research in Social and Administrative Pharmacy*, (7), doi:



[10.1016/j.sapharm.2023.04.056](https://doi.org/10.1016/j.sapharm.2023.04.056)

9. Washington M, Macaden L, Smith A, Selvam S, Mony PK (2023). The determinants of Kangaroo Mother Care uptake for small babies along the health facility-community continuum – An operational research study in a sub-district of Karnataka, India. *Global Health: Science & Practice*, <https://doi.org/10.9745/GHSP-D-22-00457>.
10. Cooper L, Fuzesi P, Jacob SA, Kamalakannan S, Lennon M, Macaden L, Smith A, Welsh T, Broadfoot K, Watson MC (2023). Assistive technologies and strategies to support the medication management of individuals with hearing and/or visual impairment: A scoping review. *Disability & Health*, <https://doi.org/10.1016/j.dhjo.2023.101500>.
11. Beattie M, Carolan C, Macaden L, Maciver A, Dingwall L, Macgilleathain R, Schoultz M (2023). Care home workers experiences of stress and coping during COVID-19 pandemic: A mixed methods study. *Nursing Open*, <https://doi.org/10.1002/nop2.1335>
12. den Daas, C., Johnston, M., Hubbard, G., Dixon, D., Cristea, M., Davis, A., Dobbie, F., Fitzgerald, N., Fleming, L., Fraquharson, B. Gorely, T. and Macaden L (2023). An experimental COVID-19 messaging study in a representative sample of the Scottish population: Increasing physical distancing intentions through self-efficacy. *British Journal of Health Psychology*, 28(2), pp.439-450.
13. Schoultz M, McGrogan C, Beattie M, Macaden L, Carolan C, Dickens GL (2022) Uptake and effects of psychological first aid training for healthcare workers' wellbeing in nursing homes: A UK national survey. *PLoS ONE* 17(11): e0277062. <https://doi.org/10.1371/journal.pone.0277062>
14. Macaden L, Broadfoot K, Carolan C, Muirhead K, Neylon S, Keen J. (2022) Last Aid Training Online: Participants' and Facilitators' Perceptions from a Mixed-Methods Study in Rural Scotland. *Healthcare* 10, 918. <https://doi.org/10.3390/healthcare10050918>
15. Schoultz M, McGrogan C, Beattie M, Macaden L, Carolan C, Dickens G. (2022) Psychological First Aid for workers in care and nursing homes: Systematic review, *BMC Nursing*, 21, 96. <https://bmcnurs.biomedcentral.com/articles/10.1186/s12912-022-00866-6>
16. Muirhead K, Macaden L, Smyth K, Chandler C, Clarke CL, Polson R, O'Malley CT (2022). The Characteristics of Effective Technology-enabled Dementia Education: A Systematic Review and Mixed Research Synthesis <https://doi.org/10.1186/s13643-021-01866-4>
17. P Fuzesi, K Broadfoot, M Lennon, T Welsh, SA Jacob, L Macaden, A Smith, M Watson (2022). Unseen and unheard: polypharmacy, older adults and sensory impairment. *International Journal of Clinical Pharmacy*;44(6):148
18. Muirhead K, Macaden L, Smyth K, Chandler C, Clarke CL, Polson R, O'Malley CT (2021). Establishing the Effectiveness of Technology-enabled Dementia Education for Health and Social Care Practitioners: A Systematic Review. <https://doi.org/10.1186/s13643-021-01781-8>.
19. Walters R, Macaden L, Tracey A & Smith, A. (2021) Low Fidelity Simulation on Sensory Impairments in Older Adults: Undergraduate Nursing Students' Self-Reported Perceptions on Learning. *Open Journal of Nursing*, 11, 89-103. doi: [10.4236/ojn.2021.113009](https://doi.org/10.4236/ojn.2021.113009).
20. Macaden L (2020). Nursing Research in India: Keeping Pace or Time to Catch up? *The Indian Journal of Continuing Nursing Education* 21(1), p.6.
21. Macaden L, Muirhead K, Melchiorre G, Mantle R, Ditta G & Giangreco A. (2020), "Relationship-centred CogniCare: an academic-digital-dementia care experts interface", *Working with Older People*, Vol. 25 No. 1, pp. 73-83. <https://doi.org/10.1108/WWOP-05-2020-0016>
22. Smith A, Macaden L, Kroll T, Alhusein N, Taylor A, Killick K, Stoddart K, Watson M (2019). A



- qualitative exploration of the experiences of older people with sensory impairment on their pharmaceutical care journey. *Age and Ageing*, <https://doi.org/10.1093/ageing/afz092>
23. Muirhead K, Macaden L, Clarke CL, Smyth K, Polson R, O'Malley CT (2019). The characteristics of effective technology enabled dementia education for health and social care practitioners: Protocol for a mixed studies systematic review. *Systematic Reviews*, <https://doi.org/10.1186/s13643-019-1212-4>
 24. Mathews R, O'Malley C, Hall JM, Macaden L & MacRury S (2019). Diabetes, Care Homes, and the Influence of Technology on Practice and Care Delivery in Care Homes: Systematic Review and Qualitative Synthesis. *JMIR Diabetes* 4(2): <https://diabetes.jmir.org/2019/2/e11526>. DOI: 10.2196/11526; PMID: 31008705
 25. Smith A, Macaden L, Washington M, Mony P, John V and Dias F. (2018). Achieving Consensus on Continuing Professional Development Priorities for Registered Nurses in Rural and Remote India through Nominal Group Technique. *Open Journal of Nursing*, 8, 848-859. doi: [10.4236/ojn.2018.811064](https://doi.org/10.4236/ojn.2018.811064).
 26. Alhusein N, Killick K, Macaden L, Smith A, Stoddart K, Taylor A, Kroll T & Watson M (2018). "We're really not ready for this": A Qualitative Exploration of Community Pharmacy Personnel's Perspectives on the Pharmaceutical Care of Older People with Sensory Impairment, *Disability and Health Journal*. doi: <https://doi.org/10.1016/j.dhjo.2018.10.006>.
 27. Alhusein N, Killick K, Macaden L, Smith A, Stoddart K, Taylor A, Kroll T & Watson M (2018). "Has she seen me?" A multiple methods study of the pharmaceutical care needs of older people with Sensory impairment. <https://bmjopen.bmj.com/content/8/8/e023198>
 28. Smith A, Shepherd A, Macaden L & Macleod K (2018). Raising awareness of sensory impairment among community nurses: a brief intervention in a remote island setting. *Rural and Remote Health Journal*.
 29. Killick K, Macaden L, Smith A, Kroll T, Stoddart K. & Watson MC (2018). A scoping review of the pharmaceutical care needs of people with sensory loss. *International Journal of Pharmacy Practice*. <https://doi.org/10.1111/ijpp.12456>
 30. Macaden L, Smith A & Croy S (2017). Simulation on Sensory Impairments in Older Adults: A Pedagogical Initiative in Nursing Education. *British Journal of Nursing*, 26 (19), 1057 – 64. doi: 10.12968/bjon.2017.26.19.1057
 31. Macaden L, Washington M, Smith A, Thooya V, Selvam SP, George N & Mony PK (2017) Continuing Professional Development: Needs, Facilitators and Barriers of Registered Nurses in India in Rural and Remote Settings: Findings from a Cross Sectional Survey. *Open Journal of Nursing*, 7:8. <http://www.scirp.org/journal/OJN/>
 32. John P, Macaden L & Christopher DJ (2017). Quality of Life using AQLQ (S), ACT & GINA in patients with Bronchial Asthma in South India. *Innovation Journal of Nursing & Healthcare*. Vol 3 (2), 420-427.
 33. Jamieson J & Macaden L (2017). Using the Six Senses to enrich care – *Australian Journal of Dementia Care*, 6 (2), 31 – 34.
 34. Macaden L, Kyle R, Medford W, Blundell J, Munoz S – A & Webster E (2017). Student nurses' perceptions of dignity in the care of older people. *British Journal of Nursing*, 26 (5), 274 -80.
 35. Kyle RG, Medford W, Blundell J, Webster E, Munoz S - A & Macaden L (2017). Learning and unlearning dignity in care: Experiential and experimental educational approaches. *Nurse Education in Practice*, 25, 50-56.
 36. Munoz S - A, Macaden L, Kyle R, & Webster E (2016). Revealing student nurses' perceptions of



- human dignity through curriculum co-design. *Social Science & Medicine*. DOI: 10.1016/j.socscimed.2016.12.011
37. Schoultz M, Macaden L & Watson A. (2016). Co – Designing inflammatory Bowel Disease Services in Scotland: Findings from a nationwide survey, *BMC Health Services Research* 16(231). DOI: 10.1186/s12913-016-1490-7.
 38. Macaden L (2016). Being Dementia Smart (BDS): A Dementia Nurse Education Journey in Scotland. *International Journal of Nursing Education Scholarship*. Volume 13, Issue 1, ISSN (Online) 1548-923X, ISSN (Print) 2194-5772, DOI: 10.1515/ijnes-2015-0019.
 39. Seneviratne P, Macaden L & McGlynn L (2016). Diabetes and Me – Innovative Diabetes Support through Community Engagement: A Diabetes Scotland Initiative - *Diabetes and Primary Care*, 18 (2), 80 – 85.
 40. Schoultz M, Macaden L & Hubbard G. (2016). "Participants' perspectives on Mindfulness-Based Cognitive Therapy for Inflammatory Bowel Disease: A Qualitative study nested within a pilot Randomised Controlled Trial" - *Pilot and Feasibility Studies*, 2(3). <http://pilotfeasibilitystudies.biomedcentral.com/articles/10.1186/s40814-015-0041-z>
 41. Schoultz M, Macaden L & Watson A (2015). PWE-058 Co-designing inflammatory bowel disease (IBD) services in Scotland: the patients' perspective. *Gut*, 64 (Suppl 1), A237-A237.
 42. Macaden L & Clarke CL (2015). Model of Diabetes Management: Have we got it right for South Asians in the UK? *Journal of Diabetes Nursing*, 19 (5), 2015: 183 – 189.
 43. Macaden L & Clarke CL (2014). A Conceptual Model on Risk Perception among Older South Asians with Type 2 Diabetes, *Journal of Diabetes Nursing*, 18 (9): 371 – 377.
 44. Varghese NC, Macaden L, Premkumar B, Mathews P & Kumar S. (2014) Delirium in older people in hospital: an education programme, *British Journal of Nursing* 23 (13): 704–709.
 45. Jiji Alphonsa Mattam, Lily Kent H, Morris Mary, Riti Merin Abraham, Leah Macaden (2013) King's Goal Attainment Theory Application - Mrs. S with Post-Partum Psychosis. *Kerala Nursing Forum*, 8 (3), 5 - 9.
 46. Macaden L (2013). Enlarge and improve the Christian initiatives in Nursing Education, *CMJI*, 28 (3), 12 -14.
 47. Devaki B, Kesiya Ruth R, Reeta Jebarani K, Sneha & Leah Macaden (2103). Watson's Human Caring Theory Application – Mr. A with Alcoholism. *Kerala Nursing Forum*, 8 (2), 5 - 10.
 48. Jayasutha T, Meena P, Thankian Lalitha Bai, Tinu S Kurien & Leah Macaden (2013). Betty Neuman's Systems Theory Application – Mr. X with HIV infection. *Kerala Nursing Forum*, 8 (1), 19 – 25.
 49. Francina J, Jacqueline Mary Koshy, Nongozonuo Khape, Stella R & Leah Macaden (2012). Roy's adaptation Theory Application - Mrs. A with Hypertension & Diabetes mellitus. *Kerala Nursing Forum*, 7 (4), 25 - 29.
 50. Arokiaseeli Mabel, Hari Krishna GL, Mayuri Rachel Cyril, Simi Mohan JS & Leah Macaden (2012). Parse's Theory on Human Becoming – Application on Mr. S with HIV / AIDS. *Kerala Nursing Forum*, 7 (3), 28 -31.
 51. Hepsi R, Jeba Terina, Varghese NC, Chacko R & Leah Macaden (2012). Levine's Theory Application. *Kerala Nursing Forum*, 7 (1), 31 - 35.
 52. Macaden L (2012). Nursing Theories - An Overview - Part I. *Kerala Nursing Forum*, 7 (1), 27 -30.
 53. Christopher J & Macaden L (2011). Job Satisfaction among nurses working in the Accident and Emergency Services. *Indian Journal of Nursing Studies*, 2 (1), 35 - 39.



54. Jayaraj S & Macaden L (2010). Collaboration Models in Nursing. *Kerala Nursing Forum*, 5(3), 11-18.
55. Macaden L & Clarke CL (2010). The locus of control influencing risk perception in older South Asian men and women with Type 2 diabetes in the United Kingdom. *Journal of Nursing and Healthcare of Chronic Illness*, 2(2), 144 - 152.
56. Macaden L (2009). Risk perception among older South Asian people in the UK with Type 2 Diabetes. *Dissertation Abstracts International*, Northumbria University, Newcastle upon Tyne.
57. Christopher J, Macaden L & Sunder T (2008). Purple Glove Syndrome (PGS) - A Case Report. *Kerala Nursing Forum*, 3(4), 26-31.
58. Vijayanathan S, Macaden L & Rajan A (2008). Effectiveness of a Structured Teaching Programme on the Knowledge and Attitude of nursing personnel in caring for patients with HIV/AIDS. *Chattisgarh Journal of Nursing Review*, 2(3), 33 - 38.
59. Macaden L, Christopher J & Divitha S (2007). Cardiac Tamponade - A Case Study. *Indian Journal of Continuing Nursing Education*, 8(2), 15-19.
60. Premkumar J, Macaden L, Jacob B & Edwin S (2007). Nursing Migration - An Indian Perspective. *Nursing and Midwifery Links - Official Publication of the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development*.
61. Macaden L (2007). Variations in Risk Perception: South Asians living in the UK and their health care professionals. *Diabetes Voice*, 52(1), 13-16.
62. Macaden L & Clarke CL (2006). Risk perception among older South Asian people in the UK with Type 2 Diabetes. *International Journal of Older People Nursing*, 1(3), 177-181.
63. Johnson S & Macaden L (2006). Management of patients with Diabetes mellitus - Part II (Continuing Nursing Education Series). *Indian Journal of Continuing Nursing Education*, 7(1), 33-45.
64. Johnson S & Macaden L (2005). Management of patients with Diabetes mellitus - Part I (Continuing Nursing Education Series). *Indian Journal of Continuing Nursing Education*, 6(2), 21-31.
65. Macaden L (2005). Assertiveness in Nursing. *Indian Journal of Continuing Nursing Education*, 6(2), 5-8.
66. Macaden L, Starlet G, Alex B, Deepa L, Thomas T & Mathew A. (2001). Nursing Education - Current Scenario and Future Goals. *Indian Journal of Continuing Nursing Education*, 1(1), 6-9.
67. Macaden L (2000). Palliative Care - A Psychosocial Approach. *Indian Journal of Continuing Nursing Education*, 1(1), 22 - 24.
68. Macaden L (1999). Fluid & Electrolyte Imbalance. In *the WHO Module on Emergency & Trauma Nursing*. Vellore: College of Nursing, Christian Medical College & Hospital.

Manuscripts under review

69. Jacob SL, George LS, Nayak MG, Macaden L & Muthu P (2024). Competency frameworks in nursing practice – A concept analysis. Under Review by Cogent Education.
70. Macaden L, Muirhead K, Blair S & MacArthur J (2024). Dementia education and training for in-patient health care support workers in acute care contexts: A Mixed Method Pilot Evaluation – Nursing Open [Submitted on 29 July 2024].
71. Seabrooke A, Macaden L, Aviles L, Roy RK (2024). Exploring Nurse-Led Resuscitation in the Emergency Department: A Scoping Review – Submitted to the International Emergency Nursing Journal [12 Sept 2024].



72. Yin G, Sivaramakrishnan D, Macaden (2024). Bring dying at home: What facilitates and hinders home-based end of life care for people living with dementia? A Systematic Review & Meta Ethnography Protocol - Submitted to PLOS One 912 Sept 2024).
73. Anago E, Macaden L, Doi L, Okoye MK, Bovo A (2024). Spiritual Care Provision for Patients Living with Advanced Cancer in Sub-Saharan Africa: A Qualitative Systematic Review – International Journal of Palliative Nursing [Sept 2024].
74. Douglas S, Macaden L, Webster E, Ellis E (2024). Dignity & Human Rights: A Quantitative Study on Undergraduate Nursing Students’ Conceptualisation of and Confidence in Operationalising Dignity in Scotland – Nursing Open [Sept 2024].
75. Macaden L, Jacob S, Smith A, Lemieux V, Watson MC (2024). Knowledge translation: the development and evaluation of an evidence-based education resource to promote the safe and effective use of medicines by older people with sensory impairment – Journal of Academic Medicine [Sept / Oct 2024].

Manuscripts in preparation

76. Carolan C, Carolan C, Macaden L, Speak S, Neylon S (2024). Last Aid in Young Scots [In Prep].
77. Webster E, Cunningham S, Macaden L, Douglas S, Ellis E (2024). Human Rights Paper [In Prep].
78. Okoye MK, Muirhead K, Raouna A, Macaden L, Taylor C, Wang Y, Martin C, Mansilla DC, Perucca D, Quezada CC, Mellor O, Odutayo AS, Sivaramakrishnan D, Stenhouse R, (2024). Impact of marginalisation on access to health and social care services for ethnic minorities with multimorbidity across developed countries: A systematic review – The WHO Bulletin [In Prep].
79. Ellis E, Macaden L, Webster E, Douglas S, (2024). Dignispace Co Production Paper [In Prep].
80. Macaden L & Huiping L (2024). The Impact of Inappropriate Sexual Behaviours in People with Dementia on Family Caregivers: A Discursive Paper [In Prep].
81. Fuzesi P, Broadfoot K, Lennon M, Jacob SA, Macaden L, ... Watson MC [2024]. SIPA 2 Co Production Paper [In Prep].

Project Grants (since 2013)

1. Macaden L & Webster E (2023). DigniSpace: For Now, and Beyond – Creation of a MOOC, Sir Halley Stewart Trust - £20,247.10.
2. Macaden L, Muirhead K & Blair S (2023). Acute Care Workforce Capacity Building for Dementia Care Excellence in NHS Lothian: A Mixed Method Study, NHS Lothian (Dementia CARC Funding) - £ 24939.00
3. Macaden L (2023). Acute Care Workforce Capacity Building for Dementia Care Excellence in NHS Lothian: A Mixed Method Study, University of Edinburgh – itPA Translational Community Springboard Fund - £ 5000.00
4. Beattie M, Macaden L & Gibb R (2022). Experience-based Modifications of the Bed Band ReAlised through Co-dEsign (EMBRACE). Health Innovation Fund, UHI, £ 31,392.
5. Carolan C, Macaden L, Hines F & Heaney L (2022). Creating Compassionate Virtual Rural Communities to support Palliative / End of Life Care needs in the Highlands: Last Aid 2. Health Innovation Fund, UHI, £ 20,048.



6. Macaden L & Beattie M (2021). Evaluation of COVID – 19 Dementia Education, The Churchill Fellowship, COVID – 19 Action Fund, £9965.
7. Macaden L & Beattie M (2021). Dementia Education for Home Care, The Churchill Fellowship, COVID – 19 Action Top Up Fund, £7500.
8. Schoultz M, Dickens G, Beattie M, Macaden L, Carolan C (2021). An evaluation of Psychological First Aid for improving psychological outcomes for care home teams during the COVID-19 pandemic, The RCN Foundation: £30,000.
9. Beattie M, Macaden L, Carolan C, Schoultz M, MacGilleEathain R, Dingwall L & McIver A (2020). Care Home COVID Experience: SFC Research Uplift Monies: £15,000.
10. Munoz SA, Grindle M, Bradley S, Heaton J, Zubala A, De Kock H, Macaden L et al (2020). Understanding the experience of the covid-19 pandemic for residents with LTCs, their families, carers and community support organisations in remote and rural areas of the Highlands and Islands: UHI COVID – 19 Call: £ 28000.
11. Macaden L, Beattie M & Mantle R (2020). Training of trainers [ToT]: COVID – 19 Dementia Education for Care Homes [CODECH] Churchill Trust, COVID – 19 Action Fund, £10,000.
12. Macaden L, Carolan C & Broadfoot K (2020). Creating Compassionate Virtual Rural Communities to support Palliative / End of Life Care needs in the Highlands: Last Aid 1. The Highland Hospice - £11,117.
13. Watson M, Smith A, Macaden L et al, SIPA2 (2020): Improving the Pharmaceutical Care of Older People with Sensory Impairments, The Dunhill Medical Trust - £256,545.
14. Tracey A, Macaden L & Smith A (2019). Does simulation of sensory and cognitive impairment in nurse education influence student nurses' clinical practice? – Funded by the Learning & Teaching Academy Scholarship Fund - £8178.
15. Mantle R, Macaden L, Webster E, Munoz, S-A, Angus N, Ellis L, Macmillan J & Hudson L (2019). Co-production of an Online Dignity Engagement Space for Nurse Education (ODESNE) - Funded by NHS Highland Research, Development & Innovation Endowment Fund - £3000.
16. Macaden L, Melchiorre G, Muirhead K, Mantle R, Ditta G, Smith A & Giangreco A. (2019). Person and Relationship Centered CogniCare within the Dementia Care Triad – Funded by the Interface Standard Innovation Voucher Scheme on 15 Jan 2019 - £4993.
17. Macaden L, Webster E, Munoz, S-A, Angus N, Ellis L, Macmillan J, Cunningham S, Boddie L & Hudson L (2018). Dignity Engagement Space for Nurse Education using a Human Rights based Approach – DESNEHRA Sir Halley Stewart Trust - £ 62,447.
18. Macaden L, Washington M, Smith A & Mony P (2015). Development of Continuing Professional Development Programme for Registered Nurses. Healthcare Partnership Scheme between UoS & St John's Research Institute, Bangalore India. Tropical Health & Education Trust (THET) - £6770
19. T Kroll T, Watson M, Macaden L, Smith A & Stoddart K (2015). Sensory impaired person's access to pharmaceutical care services, Chief Scientist Office, Scotland - £161,047
20. Smith A, Macaden L, T Kroll T, Watson M & Stoddart K (2015). A scoping literature review: pharmaceutical care and older people with sensory impairment/s receiving polypharmacy, Alliance for Self-Care Research - £2,500
21. Macaden L, Webster E, Munoz S-A & Kyle R (2013). Human Dignity Narratives and Nurse Education: Promoting Dignity within the Co-produced Care of Older Adults, Scottish Crucible Interdisciplinary Project Fund - £4000



22. Macaden L, Smith A & Scott J (2013). Health and Wellbeing of the Older Person - Part evaluation of a new Master's Programme University of Stirling, Stirling Enhancement of Learning Fund - £1000.

Research Consultancy

23. Coleman R, Taylor K, Broadfoot K and Macaden L. (2024) Co – Production in Dementia: Myth, Fact or Aspiration - Evidence Building Grant, The Ideas Fund, UK, £ 141,750 [36 months]
24. Coleman R, Taylor K, Broadfoot K and Macaden L. (2024) Building A Highlands and Islands Dementia Artist Collective, The Ideas Fund, UK, £ 75050 [12 months].
25. Coleman R, Taylor K, Broadfoot K and Macaden L. (2023) A Dementia Art Festival, The Ideas Fund, UK, £93,138 [12 months].
26. Carolan C, Macaden L, Tracey, A. and Gbakinro F. (2022) Audience of the Future – Bringing accessible, low-cost VR End of Life Care Conversations in Health and Social Care, VR Hive, £4,104 [4 months].
27. Macaden L (2014). Consultancy Services for a project – “Chinnikum” with Diabetes UK, Scotland - Alliance for Health & Social Care, Scotland - £ 8042 [6 months].

Research Proposals under Review

1. Devi, ES & Macaden L [March 2024]. VAIBHAV Fellowship in collaboration with the internationally renowned Manipal Academy of Higher Education: Innovative, Evidence Informed and Sustainable Approaches in Nurse Education for Dementia Workforce Development in India, International Cooperation Division, Department of Science & Technology, Government of India [**International Research Fellowship**].
2. Macaden L, Sivaramakrishnan & Catterson F [Oct 2024]. Scoping Family Care Partners' Needs and Priorities: Journeying with Dementia Family Care Partners in Scotland Alzheimer Scotland MRes Bursar - £25,000.

Externally Funded PhD Studentship Grants (2016 – 2022) as Principal Supervisor / Co Supervisor

1. England J, Munoz SA & Macaden L [2022]. Music, movement, and dementia: can imitative movement combined with personalised song provision contribute to communication skills and quality of relationship in dementia caregiving dyads (2022), Alzheimer Society - £78,155: Co Supervisor
2. Mantle R, Macaden L & Smith A [2018]. Bringing the Virtual into Reality: Immersive Virtual Environment Technology and Wellbeing for People Living with Dementia in Rural Settings: An Action Research Project, City Region Deal PhD Studentship, University of the Highlands & Islands: Principal Supervisor - £200,000.
3. Macaden L, Muirhead K, Clarke CL & Smyth K [2018]. Technology Enabled Dementia Education and Support (TEDES) for Health Care Professionals in Rural Scotland (2017) – funded by the



European Structural and Investment Funds. Jointly supervised by University of the Highlands & Islands & University of Edinburgh - £ 124,157: Principal Supervisor

4. Macaden L & Washington MV [2016]. Operational Research on Uptake of Kangaroo Mother Care (KMC) for Low Birth Weight (LBW) Infants along a Facility-Community Continuum in a selected Sub District of Northern Karnataka, India funded by the University of Stirling International Impact Fellowship - £55,000: Principal Supervisor.

PhD Supervision

Successful completions

1. Technology Enabled Dementia Education and Support (TEDES) for Health Care Professionals in Rural Scotland (2023).
2. Implementation of Kangaroo Mother Care (KMC) for Low Birth Weight (LBW) Infants along a Facility-Community Continuum in India (2021).
3. Self-monitoring of blood glucose (SMBG) in Tayside, Scotland, among people with Type 1 and Type 2 diabetes treated with insulin (2016).
4. The Chinese empty-nest elderly's experience of 'aging in place' (Dec 2024 - Thesis submitted)

Ongoing supervision

5. Exploring the Perceptions, Experiences, and Coping Mechanisms of Chinese Family Caregivers with Inappropriate Sexual Behaviours in People with Dementia: An Interpretative Phenomenological Analysis (Started in Sept 2024).
6. PPI involvement in Dementia Research and the role of Research Ambassadors in the United States (Started in Sept 2023).
7. Nurse led resuscitation in Canada (Started in Sept 2023).
8. Spiritual care needs of people with advanced cancer in Ghana (Started in Sept 2023).
9. Home based End of Life Care for people living with Advanced Dementia in China (Started in Sept 2023).
10. Lived experience of young Omani women and their caregivers after mastectomy for breast cancer (Started in Sept 2023).
11. Music, movement, and dementia: can imitative movement combined with personalised song provision contribute to communication skills and quality of relationship in dementia caregiving dyads (Started in Sept 2022).
12. How might the deployment of Digital Technologies improve mental health and reduce inequalities for young people in the Highlands and Islands Region? (Due for completion in 2025).
13. Meaningful activities for older adults with moderate to advanced dementia in Israel using technology (Due for completion in 2025)



External Positions

1. Invited Expert Reviewer of the UAE Nursing and Midwifery Academic Professional Development Framework, 2024
2. Member, INTERDEM Academy, 2024.
3. Board Member, INTERDEM Europe, 2024.
4. Expert Reviewer of the Graduate Programme in Nursing, Seoul National University, South Korea, 2024.
5. Trustee, Board of Directors – Sutherland Home Care, Scotland, 2022
6. Trustee, Board of Directors – Dementia Friendly Communities, Scotland, 2022
7. Member, Expert Panel on Ageing, American Academy of Nursing, 2022.
8. Member, Expert Panel on Global Health, American Academy of Nursing, 2022.
9. Vice Lead of the Northern Nursing Education Network of the University of the Arctic, 2022
10. Member of the WHO pan-European mental health coalition: Work Package 3 - Supporting the mental health and well-being of older adults, 2022.
11. Elected Executive Committee Member of the Scottish Dementia Research Consortium, 2022.
12. Expert Reviewer of the UAE Professional Practice Framework for the Bachelor of Science in Nursing Graduate – May 2021.
13. Member of the International Advisory Board, College of Nursing, Gulf Medical University, Ajman, United Arab Emirates since September 2020
14. External Reviewer, PG Cert for Neuro Rehabilitation for Nurses, University of Edinburgh, August 2020.
15. Panel Member for Subject Health Review of Adult Health, School of Health, Nursing and Midwifery, University of West of Scotland, May 2015.

Conference Presentations (Since 2014)

1. SIPA 2 MOOC – Canada [Mags etal]
2. Beattie M, Gibb R, Macaden L, Muirhead K, Ross F (Oct 2023). Experience-based Modifications of the Bed Band ReALised through Co-dEsign (EMBRACE) Project. Nordic Conference in Nursing Research, Reykjavik Iceland. Poster Presentation.
3. Beattie M, Carolan C, Macaden L, MacIver A, Dingwall L, MacGilleEathain R & Schoultz M (Oct 2023). Care home workers experiences of stress and coping during COVID-19 pandemic: A mixed methods study, Nordic Conference in Nursing Research, Reykjavik, Iceland.
4. Macaden L, Muirhead K, Beattie M (Oct 2023) Evaluation of a novel bichronous online approach for Dementia workforce development, Nordic Conference in Nursing Research, Reykjavik, Iceland.
5. Macaden L, Ellis L, Douglas S, Webster E, Munoz, S-A, Angus N, Macmillan J, Cunningham S, Boddie L, Hudson L & Longmuir M (Oct 2023). Students As Co Designers: The Story Behind Dignispace, Nordic Conference in Nursing Research, Reykjavik, Iceland.
6. Welsh T, Jacob SA, Macaden L, Smith A, Fuzesi P, Broadfoot K, Lennon M & Watson M (Sept 2023). The burden of managing medicines for older people with sensory impairment: an Ethnographically informed study: Oral presentation at the 19th International Congress of the European Union Geriatric Medicine Society (EUGMS), Helsinki, Finland.
7. Beattie M, Muirhead K, Gibb R, Ross F, Macaden L (Sept 2023). Experience-based Modifications of



the Bed Band ReAlised through Co-dEsign (EMBRACE) Project. RCN International Nursing Research Conference, Manchester, Poster Presentation.

8. Wang Y, [Macaden L.](#), & Kerr N. (2023) Ageing in Place: Experiences of Empty-Nest Elderly in China, RCN International Nursing Research Conference 2023, Manchester, September 2023 •
9. Wang Y, [Macaden L.](#), & Kerr N. (2023) Ageing in Place: Experiences of Empty-Nest Elderly in China, School of Health in Social Sciences Annual PGR Conference: Bouncing Back Together, Edinburgh, May 2023
10. Beattie M, Carolan C, [Macaden L.](#), MacIver A, Dingwall L, MacGilleEathain R & Schoultz M (2022). Care Home Workers' Experience of Stress and Coping during the COVID 19 Pandemic, Poster Presentation: NHS Highland RD&I Conference, Inverness, Scotland.
11. Fuzesi P, Broadfoot K, Lennon M, Welsh T , Jacob SA , [Macaden L.](#), Smith2 & Watson M (2022). Unseen and Unheard - Polypharmacy, 50th European Society of Clinical Pharmacy Symposium: Polypharmacy & Ageing, Prague.
12. Watson M & [Macaden L.](#) (2022). Workshop on Older Adults and Sensory Impairment Older people with sensory impairment and their medicine management needs - 50th European Society of Clinical Pharmacy Symposium: Polypharmacy & Ageing, Prague.
13. [Macaden L.](#), Tracey A, Jessiman W & Muirhead K (2022). Best Practice in Nurse Education & Research during COVID – 19, International Webinar, Sultan Qaboos University, Oman.
14. Beattie M, Schoultz M, [Macaden L.](#) & Carolan C (2021). Exploring the Stress and Coping Experiences of Nurses and Care Workers in a Care Home Setting During the Covid-19 Pandemic. International Mental Health Nursing Research Conference (Virtual) Royal College of Nursing, UK.
15. [Macaden L.](#), Mantle R & Andrews L (2020). Building Cognitive Bridges on Dementia for Undergraduate Nurse Education: Empowering future agents of change for Dementia Care Excellence, Alzheimer's Disease International Conference, 2020, Singapore.
16. [Macaden L.](#), [Muirhead K.](#), [Melchiorre G.](#), [Mantle R.](#), [Ditta G.](#) & [Giangreco A.](#) (2020), Relationship-centred CogniCare: an academic–digital–dementia care experts interface, Alzheimer's Disease International Conference, 2020, Singapore.
17. [Macaden L.](#) (2020). Igniting the Spark: Dementia Enhanced Nurse Education to Promote Excellence: Invited Presentation at [Nightingale 2020](#), International Year of the Nurse & Midwife, Oct 2020- Chosen as one of the top 10 abstracts out of 900 submissions.
18. Smith A, Macleod K, Shepherd A & [Macaden L.](#). Raising awareness of sensory impairment among community nurses: a brief intervention in a remote island setting. The 7th International NETNEP Conference, Banff, Canada, May 2018.
19. Alhusein N, Killick K, [Macaden L.](#), Smith A, Stoddart K, Taylor A, Kroll T & Watson MA multiple methods study on the pharmaceutical care needs of older people with sensory impairment and polypharmacy The International Social Pharmacy workshop, Leuven, July 2018.
20. [Macaden L.](#), Smith A, Croy S & Law S. Simulated Learning for Sensory and Cognitive impairment (SCI) in older adults: A Pedagogical innovation for nurse education in Scotland, NETNEP - April 2016: 6th International Nurse Education Conference, Brisbane, Australia.
21. Smith A, [Macaden L.](#), Washington M & Mony PK. Poster with an oral presentation on Achieving Consensus for Continuing Professional Education Programmes for Nurses in Rural and Remote India: Application and Critique of Nominal Group Technique, NETNEP - April 2016: 6th International Nurse Education Conference, Brisbane, Australia.



22. Macaden L, Smith A & Croy S. Workshop on Simulated Learning for Sensory and Cognitive impairment (SCI) in older adults: A Pedagogical innovation for nurse education in Scotland, ENTER (Enhancing Nursing through Educational Research) Conference, Edinburgh, November 2015.
23. Smith A, Macmillan C & Macaden L. Research for Improving Practice: Student-led Action Research for Older Person Care, ENTER (Enhancing Nursing through Educational Research) Conference, Aberdeen, November 2014.
24. Kyle RG, Blundell J, Webster E, Munoz S-A & Macaden L. Can dignity be taught? Student nurses' opinions on pedagogy to promote dignified care of older adults; ENTER Conference, Aberdeen, November 2014.
25. Webster E, McNair R, Cunningham S, Munoz S-A, Kyle RG & Macaden L. Experiencing dignity: realising the potential of human rights narratives in nurse education, ENTER Conference, Aberdeen, November 2014.
26. Munoz S-A, Caitlin Thomson, Medford W, Webster E, Kyle RG & Macaden L. Poster Presentation on Co-designing dignity education with student nurses: a participatory storyboard, ENTER Conference, Aberdeen, November 2014.
27. Seneviratne P, Macaden L, Imran A, Saubia S & Abbasi S. Chinikum at Home – A Family Centred Model of Diabetes Support, 15th Annual South Asian Health Foundation Diabetes Conference, Birmingham, October 2014.
28. Munoz S-A, Kyle RG, Macaden L & Webster E. Human Dignity Narratives and Serious Game Play in Nursing Education, RGS-IBG Annual International Conference August 2014, London.
29. Smith A, Macaden L & Scott J. Research for improving practice: Student-led action research for older person care. NETNEP 2014: 5th International Nurse Education Conference, Noordwijkerhout, the Netherlands.
30. Cameron D, Evans J & Macaden L. Poster Presentation on Patterns of self-monitoring of blood glucose (SMBG) in Tayside, Scotland, among people with Type 1 and Type 2 diabetes treated with insulin, Diabetes UK Conference, Liverpool, UK, March 2014.
31. Macaden L. Higher Education in Dementia: Capacity Building in Scotland as the Dementia Clock continues to tick 2nd Commonwealth Nurses' Conference, London, UK, March 2014.

Invited Presentations (International)

1. Macaden L (Nov 2024). Not for me but with me: Partnering with Participants & Codesigning International Conference on Transforming Healthcare Care: Expanding the Research Horizon in Nursing, Nurse Researchers' Society for Innovations, India.
2. Macaden L (Feb 2024). Key Note Speaker: National Webinar on Clinical Nurses Engaging in Research – A Road Map, Gleneagles Hospitals & Association of Nurse Executives, India.
3. Macaden L (Oct 2023). Key Note Speaker on Digital Health & Innovations in Education & Healthcare, International Conference on Allied Health Sciences, College of Health Sciences, University of Buraimi, Sultanate of Oman.
4. Macaden L, Tracey A, Jessiman W & Muirhead K (2022). Best Practice in Nurse Education & Research during COVID – 19, International Webinar, Sultan Qaboos University, Oman.
5. Macaden L, Smith A, Tracey A. & Walters R (2020). Low Fidelity Simulation on Sensory Impairments in Older Adults: Invited Webinar Presentation at the World Healthcare Simulation Week



hosted by the Deanship of Postgraduate Education, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia.

6. Macaden L (2020). Dementia Enhanced Nurse Education to Promote Excellence: Invited Webinar Presentation at the International Day of Older Persons on NurseS: Caring for Older Persons [N – SCOPE], hosted by The Department of Nursing & Psychiatry, National Institute of Mental Health & Neurosciences, Bengaluru, India, 03 October 2020
7. Macaden L (2020). Transforming Nurse Education. The Asian Institute of Nursing Education, Assam, Guwahati, India.
8. Macaden L (2020). Scope of Nursing. D Y Patil University, Mumbai, India.
9. Macaden L (2019). Dementia Enhanced Education to Promote Excellence. Johns Hopkins School of Nursing, USA.
10. Macaden L (2019). Dementia Enhanced Education to Promote Excellence. Penn Nursing, University of Pennsylvania, USA.
11. Macaden L (2016). Nurses as Ambassadors and Legacy Makers, International Consultation on Nurse Education, Christian Medical College, Vellore, India.
12. Macaden L (2015). An overview on the differences between Quantitative & Qualitative Research, Research in Nursing Education & Practice (RiPEN), SJRI, Bangalore, India.
13. Macaden L (2015). Enhancing rigour in Qualitative Research, Research, Research in Nursing Education & Practice (RiPEN), SJRI, Bangalore, India.
14. Macaden L (2015). Assessment in Dementia- Cognition, function and behaviour: Dementia Care – Deriving Nursing Solutions – an International Seminar, Apollo College of Nursing, Chennai.
15. Macaden L (2015). Stress and Distress in Dementia: Dementia Care – Deriving Nursing Solutions – an International Seminar, Apollo College of Nursing, Chennai.
16. Macaden L (2015). An Acorn for building Capacity & Capability for Clinical Nursing Leadership: Workshop on Clinical Leadership in Nursing, Global City Health, Chennai, India.

Hosted as Churchill Fellow for Knowledge Exchange on Dementia Education and Gerontological Nursing Workforce Development

1. School of Nursing, University of Pennsylvania, Philadelphia, The United States of America [July 2019].
2. School of Nursing, Johns Hopkins University, Baltimore, Maryland, The United States of America [August 2019].
3. School of Nursing, Seoul National University, Seoul, South Korea [March 2024].
4. School of Nursing, Gacheon University, Incheon, South Korea [March 2024].
5. School of Nursing, Yonsei University, Seoul, South Korea [April 2024].
6. College of Nursing, Christian Medical College, Vellore, India [April 2024].

Areas of Research Interest & Expertise



- Health Profession Education
- Dementia & Brain Health
- Gerontological Nursing - Workforce Development
- Dignity & Human Rights
- Sensory Impairments in Older Adults
- End of Life / Palliative care
- Pedagogical Research
- Technology enabled Care / Education
- Health and Ethnicity
- Health Risk Perceptions
- Global Health & Education
- Rural & Remote contexts