

Education

2000	PhD	King's College London, UK
1994	MSc Nursing	King's College London, UK
1984	BSc (Hons) RN	Surrey University, Guildford, UK

Licensure and Certification

Current	Registered Nurse	College and Association of Registered Nurses of Alberta
1989	Post Graduate Certificate in Education-Registered Nurse/ Tutor	Surrey University, Guildford, UK

Academic Appointments

2018-present	Research Professor	University of Calgary, Cumming School of Medicine, Department of Community Health Sciences, Alberta
2012-present	Visiting Professor	Bournemouth University, School of Health & Social Care, United Kingdom
2011-present	Professor	University of Calgary, Faculty of Nursing, Calgary, AB
2013-2015	Associate Dean (Students)	University of Calgary, Faculty of Graduate Studies, Calgary, AB
2010-2014	Adjunct Professor	Memorial University, NL
2010-2011	Deputy Dean Research & Enterprise	Bournemouth University, School of Health & Social Care, United Kingdom
2010-2011	Professor	Bournemouth University, School of Health & Social Care, United Kingdom
2007-2010	Associate Dean, Postgraduate Students	Bournemouth University, School of Health & Social Care, United Kingdom
2005-2007	Reader Pain Management Research and Education	Bournemouth University, School of Health & Social Care, United Kingdom

Research Funding

2018	<p><i>Gone to the dogs: A workshop to share findings and establish and interprofessional network to study the role of dogs in the wellbeing of vulnerable people.</i></p> <p>Co-PIs: Brown C., Gross, D.; Co-Is: Carr, E. and Wallace, J., Paslawski, T., Wilson, D., Miciak, M., Vincent, C., Losey, R.</p> <p>University of Alberta - Kule Institute for Advanced Study</p>	\$2,000
2017	<p><i>Evaluating the Benefits of Dog Ownership for People with Chronic Low Back Pain: a Feasibility Study.</i></p> <p>PI: Carr, E.</p> <p>University of Calgary - Faculty of Nursing Interdisciplinary Team Development Grant</p>	\$8,308
2016	<p><i>Learning from Human and Animal Science to Develop Transformative Public Health Interventions to Reduce the Personal and Economic Burden of Chronic Pain.</i></p> <p>PI: Carr, E.; Co-PI: Wallace, J.</p> <p>University of Calgary - O'Brien Institute Catalyst Grant and Campus Alberta - Public Health Network Grant</p>	\$2,500 and \$2,440
2013-present	<p><i>Research Stipend</i></p> <p>PI: Carr, E.</p> <p>University of Calgary - Faculty of Nursing Research Stipend</p>	\$5,000
2014-2017	<p><i>Optimizing Centralized Intake to Improve Arthritis Care in Albertans.</i></p> <p>PI: Marshall, D.; Co-PI: Woodhouse, L.; Co-Is: Barber, C., Barnabe, C., Bichel, A., Bischak, D., Carr, E., Chambers, S., Damani, Z., Dick, D., Gelber, T., Hendricks, J., Homik, J., Kathol, B., LeClercq, S., Lupton, T., Maksymowych, W., Millette, D., Mosher, D., Phillips, L., Robert, J., Scott, C., Slomp, M., Smith, C., Squire-Howder, J., Steed, C., Suter, E., Swanson, R., Wasylak, T., Weiss, S., Werle, J.</p>	\$1,138,435
2014-2015	<p><i>Developing a User-Friendly Interface to Support Translation of Research into Practice for Osteoarthritis Care Planning in Alberta.</i></p> <p>Co-PIs: Carr, E., Marshall, D.; Co-I: Burgos, L.</p> <p>Alberta Innovates - Health Solutions</p>	\$24,814

Presentations, Invited

1. **Carr, E.C.J.** (2019, March). *Developing effective teamwork: Preparing for a journey into outer space*. Calgary Pain Symposia, Richmond Road Diagnostics, Calgary, AB.
2. **Carr, E.C.J.** (2018, November). *Reducing patient, professional and organizational barriers to pain management through education*. Invited Keynote for the 7th Annual Pain Awareness Day Conference, Red & White Club, McMahon Stadium, Calgary, AB.
3. **Carr, E.C.J.** (2018, May). *Leaning on the wind: reducing patient, professional and organizational barriers to pain management through education*. Invited Keynote presented at the British Pain Society's ASM, Brighton, UK.

Presentations, Refereed

1. Brown, C., Wang, Y*, **Carr, E.C.J.** (2019, March) *Sharing a Bed with Spot: The Impact of Pet Dogs on the Sleep of Persons Living with Pain*. Pacific Rim International Conference on Disability and Diversity
2. Kemp, H., Puntillo, K. & **Carr, E.C.J.** (2018, October) *Assessing and managing pain in intensive care unit patients: Challenges and opportunities for improvement*, workshop presentation at 16th World Congress on Pain, Boston, USA.
3. **Carr, E. C. J.**, Watt-Watson, J., McGillion, M., & Huizinga, A. (2016, May). *The quest of pain education leaders in Canada and the United States (U.S.): A qualitative study*. Paper presented at the Canadian Pain Society 37th Annual Scientific meeting, Vancouver, Canada.
4. Clark, C., **Carr, E. C. J.**, & Khattab, A. (2015, May). *Are developmental coordination disorder (DCD)/dyspraxia and/or joint hypermobility syndrome inherent determinants of physical inactivity?* Poster presented at the World Confederation for Physical Therapy, Singapore.
5. Horch, J., Burnett, L. N., Harasym, P., Kerr, L., Pambrun, R., **Carr, E.**, Biernaskie, J., & Gabriel, V. (2015, April). *Firefighter opinions on directions for future stem cell research*. Paper presented at the Canadian Special Interest Group American Burn Association 47th Annual Meeting. Chicago, IL.
6. Bostick, G. P., Toth, C., **Carr, E. C. J.**, Morley-Forster, P., Clark, A. J., Lynch, M., Gordon, A., Nathan, H., Smyth, C., Ware, M., Mouline, D. E. (2014, October). *Physical functioning and opioid use in patients with neuropathic pain*. Paper presented at the 15th World Congress on Pain, Buenos Aires, Argentina.
7. Topps, D., Armson, H., Mutch, C., **Carr, E.**, Taenzer, P., Mehta, A. (2014, May). *Dynia – combining of script concordance testing, virtual patients, webinars and forums to assess knowledge translation in chronic pain*. Paper presented at the MedBiquitous Annual Conference, Baltimore, NC.

Publications, Peer-Reviewed Journal Articles

1. Davies, K.N*, Hellyer, P., Carr, E.C.J., Wallace, J., Kogan, L. (2019) Dog owners' perceptions of their dogs' chronic pain: A qualitative study. *Journal of the American Veterinary Association*, 254 (1): 88-92. <https://doi.org/10.2460/javma.254.1.88>
2. Brown, C., Wang, Y*, Carr, E.C.J. (2018) Undercover dogs: Pet dogs in the sleep environment of patients with chronic pain. Social Sciences Special Issue: We Are Best Friends: Animals. *Society Soc. Sci.* 2018, 7(9), 157. doi:10.3390/socsci7090157
3. Carr, E.C.J., Wallace, J.E., Onyewuchi, C., Hellyer, P., Logan, K.R. (2018) Exploring the meaning and experience of chronic pain with people who live with a dog: A qualitative study. *Anthrozoos* 31:5, 551-565. doi:10.1080/08927936.2018.1505267
4. Hogans, B. B., Watt-Watson, J., Wilkinson, P., Carr, E. C. J., & Gordon, D. B. (2018). Perspective: Update on pain education. *Pain*. doi:10.1097/j.pain.0000000000001297
5. Brockway, M., Benzies, K. M., Carr, E., & Aziz, K. (2018). Breastfeeding self-efficacy and breastmilk feeding for moderate and late preterm infants in the Family Integrated Care trial: a mixed methods protocol. *International Breastfeeding Journal*, 13, 29. doi:10.1186/s13006-018-0168-7
6. Fitzsimmons, M., Carr, E., Woodhouse, L., & Bostick, G. P. (2018). Development and persistence of suspected neuropathic pain after total knee arthroplasty in individuals with osteoarthritis. *Pain Management & Research*. doi:10.1016/j.pmrj.2018.01.010
7. Denness, K. J., Carr, E. C., Seneviratne, C., & Rae, J. M. (2017). Factors influencing orthopedic nurses' pain management: A focused ethnography. *Canadian Journal of Pain*, 1(1), 226-236. doi:10.1080/24740527.2017.1403285
8. Carr, E. C., McCaffrey, G., & Ortiz, M. M. (2017). The suffering of chronic pain patients on a wait list: Are they amenable to narrative therapy? *Canadian Journal of Pain*, 1(1), 14-21. doi:10.1080/24740527.2017.1316173
9. Carr, E. C., Babione, J. N., & Marshall, D. (2017). Translating research into practice through user-centered design: An application for osteoarthritis healthcare planning. *International Journal of Medical Informatics*, 104, 31-37. doi:10.1016/j.ijmedinf.2017.05.007
10. Carr, E. C. J. (2017). Review: Effectiveness of pain and symptom management training for paediatric clinicians. *Journal of Research in Nursing*, 22(5), 416-417. doi:10.1177/1744987117690658
11. Toye, F., Seers, K., Allcock, N., Briggs, M., Carr, E., & Barker, K. (2016). A synthesis of qualitative research exploring the barriers to staying in work with chronic musculoskeletal pain. *Disability and Rehabilitation*, 38(6), 566-572. doi:10.3109/09638288.2015.1049377
12. Carr, E. C., Watt-Watson, J., McGillion, M., & Huizinga, A. (2016). The quest of pain education leaders in Canada and the United States: A qualitative study. *Journal of Advanced Nursing*, 72(11), 2728-2737. doi:10.1111/jan.13050
13. Horch, J. D., Carr, E. C., Harasym, P., Burnett, L., Biernaskie, J., & Gabriel, V. (2016). Firefighter willingness to participate in a stem cell clinical trial for burns: A mixed methods study. *Burns*, 42(8), 1740-1750. doi:10.1016/j.burns.2016.06.010
14. Carr, E. C., Briggs, E. V., Briggs, M., Allcock, N., Black, P., & Jones, D. (2016). Understanding factors that facilitate the inclusion of pain education in undergraduate curricula: Perspectives from a UK survey. *British Journal of Pain*, 10(2), 100-107. doi:10.1177/2049463716634377

15. Worswick, L., Little, C., Ryan, K., & Carr, E. C. J. (2015). Interprofessional learning in primary care: An exploration of the service user experience leads to a new model for co-learning. *Nurse Education Today*, 35(1), 283-287. doi:10.1016/j.nedt.2014.05.007
16. Bostick, G. P., Miciak, M., Woodhouse, L. J., & Carr, E. C. J. (2015). Taking any risk, any chance: Deciding to undergo total joint arthroplasty. *Osteoarthritis and Cartilage*, 23(Suppl. 2), A327. doi:10.1016/j.joca.2015.02.594
17. Bostick, G. P., Toth, C., Carr, E. C. J., Stitt, L. W., Morley-Forster, P., Clark, A. J., . . . Moulin, D. E. (2015). Physical functioning and opioid use in patients with neuropathic pain. *Pain Medicine*, 16(7), 1361-1368. doi:10.1111/pme.12702
18. Bostick, G. P., Toth, C., Dick, B. D., Carr, E. C. J., Stitt, L. W., & Moulin, D. E. (2015). An adaptive role for negative expected pain in patients with neuropathic pain. *Clinical Journal of Pain*, 31(5), 438-443. doi:10.1097/ajp.000000000000135
19. Burnett, L. N., Carr, E. C. J., Tapp, D., Raffin Bouchal, S., Horch, J. D., Biernaskie, J., & Gabriel, V. (2014). Patient experiences living with split thickness skin grafts. *Burns*, 40(6), 1097-1105. doi:10.1016/j.burns.2014.03.005
20. Carr, E. C. J. (2014). Review: Difficulty, despair and hope - an insight into the world of the health professionals treating paediatric pain in Sub-Saharan Africa. *Journal of Research in Nursing*, 19(3), 211-212. doi:10.1177/1744987113486880
21. Clark, C. J., Khattab, A. D., & Carr, E. C. J. (2014). Chronic widespread pain and neurophysiological symptoms in joint hypermobility syndrome (JHS). *International Journal of Therapy and Rehabilitation*, 21(2), 60-67. doi:10.12968/ijtr.2014.21.2.60
22. Carr, E. C. J., Meredith, P., Chumbley, G., Killen, R., Prytherch, D. R., & Smith, G. B. (2014). Pain: A quality of care issue during patients' admission to hospital. *Journal of Advanced Nursing*, 70(6), 1391-1403. doi:10.1111/jan.12301
23. Ortiz, M. M., Carr, E. C., & Dikareva, A. (2014). An integrative review of the literature on pain management barriers: Implications for the Canadian clinical context. *Canadian Journal of Nursing Research*, 46(3), 65-93. doi:10.1177/084456211404600305
24. Toye, F., Seers, K., Allcock, N., Briggs, M., Carr, E. C. J., & Barker, K. (2014). Meta-ethnography 25 years on: Challenges and insights for synthesising a large number of qualitative studies. *BMC Medical Research Methodology*, 14, 80. doi:10.1186/1471-2288-14-80