

Professor Cathy Treadaway B.A. (Hons), MA, Cert.Ed. PhD, FHEA, FRSA

Academic Publications and Conference Proceedings:

- 2016 'Designing for wellbeing in late stage dementia.' Treadaway, C., Fennell, J., Kenning, G., Prytherch, D., & Walters A. Proceedings of WELL-BEING 2016: Co-Creating Pathways to Well-Being, The Third International Conference Exploring the Multi-Dimensions of Well-Being, Birmingham City University, 5th- 6th September 2016
- 2016 'Sensor e-Textiles: person centered co-design for people with late stage dementia', Treadaway, C. & Kenning, G. Working with Older People Journal, Emerald DOI: 10.1108/WWOP-09-2015-0022; Vol. 20:3 June 2016
- 2016 'LAUGH: Designing to enhance positive emotion for people living with dementia', Treadaway, C., Kenning, G. Prytherch, D., and Fennell, J. Proceedings of the 10th Design and Emotion Conference, Amsterdam, September 2016
- 2016 'Avenues, Values, and the Muse: An ethnographic study of creative activity to support the wellbeing of residents living with dementia in residential care', Coleman, S., Treadaway, C., & Loudon, G. Proceedings of the 10th Design and Emotion Conference, Amsterdam September 2016
- 2016 'In the Moment: designing for late stage dementia.' Treadaway, C., Prytherch, D., Kenning, G. and Fennell, J. Proceedings of the Design Research Society Conference 2016, Brighton, June 27-30
- 2016 'From Product to Process: Reframing design research methods to support well-being in the dementia care environment,' Coleman, S., Treadaway, C., & Loudon, G. Proceedings of WELL-BEING 2016: Co-Creating Pathways to Well-Being, The Third International Conference Exploring the Multi-Dimensions of Well-Being, Birmingham City University, 5th- 6th September 2016
- 2015 'Sensor e-Textiles: Designing for persons with late stage dementia.' Treadaway, C. Kenning, G. & Coleman, S.; Design4Health European Conference 2015, Sheffield Hallam University
- 2015 'Designing sensory e-textiles for dementia.' Treadaway, C., Kenning, G., Coleman, S. (2015) Proceedings of the The Third International Conference on Design Creativity (3rd ICDC), Indian Institute of Science, Bangalore, India, 12th-14th January 2015 Eds. Chakrabarti, Amaresh; Taura, Toshiharu; Nagai, Yukari ISBN: 978-1-904670-60-5 pp. 235-232
- 2015 2015 Digital 3D Models of Heritage Artefacts: Towards a digital dream space.' Younan, S and Treadaway, C. Digital Applications in Archaeology and Cultural Heritage, volume 2, issue 4, 2015, pp. 240 - 247
- 2014 'Designing for Positive emotion: ludic artefacts to support well-being for people with dementia.' Treadaway, C., Kenning, G., Coleman, S. (2014). In: Juan Salamanca, Pieter Desmet, Andrés Burbano, et al. (eds) *Colors of Care: 9th International Conference on Design and Emotion* Bogota, Columbia: Design and Emotion Society; Universidad de Los Andes
- 2013 'Walk and draw: a methodology to investigate subjective wellbeing.' Treadaway, C., Prytherch, D., Coles, R. & Millman, Z. 2013. In: COLES, R. (ed.) *Wellbeing 2013*. Birmingham City University: Birmingham, UK.
- 2013 'Hidden Connections and Environmental Flows - how local walking interventions induce community positivity in urban locations.' Prytherch D, Coles, R., Millman, Z., Treadaway, C. (2013) *AHRC Connected Communities*. Swindon: AHRC.
- 2013 'Permission to Play: taking play seriously in adulthood'. Rogerson R, Treadaway, C., Lorimer, H., Billington, J., Fyfe, H. (2013) *AHRC Connected Communities*. Swindon: AHRC.
- 2012 'No time like the present' Treadaway, C and Smith, K. 2nd International Conference on Design Creativity, Glasgow, UK, 18th-20th September 2012, Electronic Conference Proceedings Ed. Duffy, A, Nagai, Y. and Taura, T. Pub. The Design Society ISBN: 978-1-904670-40-7
- 2011 'Shorelines: transforming emotion' Wellbeing 2011 International Conference, Birmingham City University, July 18-19th

- 2011 'At the cutting edge: an investigation into the role of digital print within creative practice,' Treadaway, C. and Hodes, C. Impact 6 International Conference, UWE, Bristol, Pub. Impact Press, September 2011
- 2009 'Hand E-craft: an Investigation into Hand Use in Digital Creative Practice', Creativity and Cognition 09 Conference Proceedings, Pub. Sheridan Printing, ACM, New York, October 2009
- 2009 'Hand and mind - shaping experience' Australasian Journal of Arts Health, Pub. University of Newcastle NSW Vol.1:1 May 2009
- 2009 'Materiality, memory, and imagination: using empathy to research creativity' Leonardo, Pub. MIT. Volume 42, Issue 3, June 2009
- 2009 'Translating Experience' Interacting with Computers Journal, Pub. Elsevier Vol. 21, 1-2, Jan 2009, ISSN 0953-5438 PP. 88-94 DOI 10.1016/jintcom2008.10
- 2008 'Shorelines: revealing experience in digital practice', Media-N e-journal, Pub. New Media Caucus, USA
http://www.newmediacaucus.org/journal/issues.php?f=papers&time=2008_winter&page=treadway
- 2007 'Digital Crafting and Crafting the Digital', The Design Journal - Volume 10, Issue 2 (New Craft Future Voices) October 2007, Lancaster University, UK ISBN 9780754670353 ISSN 1460- 6925 pp 35- 48
- 2007 'Translating Experience' Proceedings of the Second International Workshop on Physicality 2-3rd September, Lancaster University, UK, Eds. Ramduny – Ellis, D., Dix, A., Hare, J., and Gill, S. Pub. UWIC Press, Cardiff ISBN: 978-1-905617-60-9
- 2007 'Using empathy to research creativity: collaborative investigations into distributed digital textile art and design practice' - Creativity and Cognition Conference Proceedings, Washington, USA 2007 Pub. ACM New York ISBN 978-1-59593-712-4
- 2007 'Crafting the digital and digital crafting' - New Craft Future Visions Conference Proceedings, University of Dundee, 2007
- 2006 'Digital Imaging: It's current and future influence upon the creative practice of textile and surface pattern designers' PhD thesis, University of Wales
- 2004 'Digital Imagination' - Textile, the Journal of Cloth and Culture, Volume 2 Issue 3 Pub. Berg ISBN 1-85973764-1
- 2004 'Digital reflection' - The Design Journal, Volume 7 Issue 2 (2004). Pub. Ashgate ISBN 0-7546-4107-4
- 2004 'Digital Creativity' - Journal of Textile and Apparel, Technology and Management: http://www.tx.ncsu.edu/jtatm/volume4issue1/vo4_issue1_abstracts.htm
- 2004 'Making Sense' – Text, The Textile Society Journal Nov. 2004
- 2004 'Digital reflection' - Pixel Raiders2: Conference proceedings 2004 ISBN 1843870606
- 2006 'Distributed creativity: collaborative digital textile design practice' - D2B: Conference Proceedings 2006 ISBN 0-9552338-1-x

Conference Presentations:

- 2016 'Designing for wellbeing in late stage dementia,' Well-being 2016, Birmingham City University, September 4th-5th
- 2016 'In the Moment: designing for late stage dementia.' Design Research Society Conference 2016, Brighton, June 27-30
- 2015 Sensor e-Textiles, UK Dementia Congress, Telford, UK November 4-5th
- 2015 'Sensory Blanket for late stage dementia' at the KTN Materials and Design for Alzheimer's Symposium
<https://connect.innovateuk.org/web/design-exchange/article-view/-/blogs/materials-and-design-for-alzheimer-s>
- 2015 'Sensor e-Textiles: Designing for persons with late stage dementia.' Treadaway, C., Kenning, G., Coleman, S. Design4Health International Conference, Sheffield July 2015
- 2015 'Sensor e-Textiles', TAGS consortium, EU Commission, Brussels, Belgium, June
- 2015 'Designing for Dementia', OPAN Conference, Swansea, May
- 2014 'Dementia Aprons and Sensor e-Textiles' WCPC Smart Textiles and Fabrics seminar, Welsh Centre for Printing and Coating, Swansea University
- 2014 'Designing for Positive emotion: ludic artefacts to support wellbeing for people with dementia'. Colours of Care: Design and Emotion conference, Bogota, Columbia

- 2013 'Making a Difference' The Art of Good Health and Wellbeing, AHA 5th International Conference, Sydney, Australia, November
- 2013 'Walk and draw: a methodology to investigate subjective wellbeing', Well-being 2013, Birmingham City University
- 2012 Empathy as a research tool to study creativity', Empathy: dynamics, dialogue, conflict conference, Open University RIBA, 11th June 2012
- 2012 'No time like the present', International Conference on Design Creativity, Scotland,
- 2011 'Shorelines: transforming emotion' Wellbeing 2011 International Conference, Birmingham City University
- 2010 'Creative spaces, healing places,' ArtsHealth International Symposium, University of Newcastle NSW Australia
- 2010 Keynote lecture to the Graphic Arts in Manufacturing Conference: Coleg Sir Gar, Carmarthen, Wales
- 2009 Treadaway, C. and Hodes, C. Impact 6 International Conference, UWE, Bristol
- 2009 Creativity and Cognition 09 Conference University of California Berkeley USA
- 2008 ArtsHealth Symposium, University of Newcastle, Australia
- 2007 Physicality 2007 Second International Workshop on Physicality 2-3rd September, Lancaster University, UK
- 2007 Creativity and Cognition 2007; Washington DC. USA
- 2007 New Craft Future Voices; University of Dundee, Scotland, UK.
- 2007 NeoCraft; Nova Scotia College of Art and Design University, Halifax, Canada
- 2006 D2B First International Design Management Symposium; Shanghai, China
- 2006 Digital Perceptions Conference; University of Strathclyde Glasgow, Scotland
- 2004 Creativity: Designer meets technology; Philadelphia University, USA
- 2004 Pixel Raiders2; Sheffield Hallam University, UK

Conference Participation:

- 2016 AHRC Design School: the future of the project, Design Museum, July
- 2016 Dementia 2020, Gov UK, London, April
- 2015 KTN Materials and Design for Alzheimer's, KTN, Business Design Centre, London, November
- 2015 Alzheimer's Society Conference, Cardiff, October
- 2014 RSA Annual Conference, Wales (October)
- 2014 My Home Life, Age Cymru conference, March
- 2014 OPAN conference, Swansea University February 19th 'Dementia – exploring research possibilities'
- 2013 Art of Good Health and Wellbeing Conference, Sydney, Australia
- 2013 OPAN conference, Swansea University, July
- 2013 Drawing In Between Symposium, HEA, Cardiff, July
- 2011 Shorelines: Place Creativity and Wellbeing, Ayr, Scotland
- 2010 Assemble, Craft Council, London, July 2010
- 2008 'Rapid Prototyping and Manufacturing in the Creative Industries', conference Birmingham, November
- 2008 'Physicality 08 International Workshop on Physicality', July, UWIC
- 2007 'Touch, Textiles, Technology: collaboration across Europe', ETN conference Goldsmiths College, London, September
- 2007 'Digital Explorers 2' Metropolitan Works, Creative Industries Centre, London, March
- 2007 'Tools in Support of Creative Collaboration', Washington DC. USA, July

Published book contributions:

- 2015 'Crafting Textiles in the Digital Age: Printed Textiles', Treadaway, C., Chapter 1 in Crafting Textiles in the Digital Age, Eds: Nimkulrat, N., Kane, F., Walton, K. Pub. Bloomsbury Academic
- 2014 'Digital Textile Printing: art, design, culture', Carden, S. GSA (2016), Pub. Bloomsbury, London; ISBN 9781472535689
- 2013 'Digital Crafts: industrial techniques for applied artists and designer makers', Shillito, A.M.; Pub. A&C Black Visual Arts ISBN: 9781408127773
- 2013 'Design Practice Research Case Studies', Ed. Mark Evans

- 2009 Pub. Design Practice Research Group, Loughborough Design School
 'Digital Printing' – chapter 15 in 'Smart Clothes and Wearable Technology'
 Woodhead Publications, March 2009

Published Catalogue Essays:

- 2011 'Creative Momentum in the information age' – essay for Momentum Exhibition: Craft in the Bay, Cardiff, September 10–November 6th 2011, September 2011, Pub. Makers Guild in Wales; ISBN 978-0-9566868-1-7
- 2009 'Sea Silk' – essay for 'Sea Silks – Alison F. Bell, Taigh Chearsabhagh Museum & Arts Centre, Scotland, February–March 2009', ISBN 978-1-905617-77-7
- 2008 'Hidden and revealed: investigating the creative process' – essay for 'Drawing Skirts– new paper cuts by Charlotte Hodes' – Marlborough Gallery, April 2008 ISBN 978-1-903455-16-6
- 2006 'Painting by numbers: zeros + ones = printed cloth' - essay for 'Digital Perceptions' Collins Gallery Glasgow, University of Strathclyde, Scotland, UK January 2006 ISBN 0 947649 47 6
- 2005 'Digital printing' – gallery essay for 'Recursions: Material Expressions of Zeroes and Ones' Museum of Design, Atlanta, USA January - March 2005

Other Publications:

- 2015 Hand i Pockets: Playfulness, fun and dementia. Kenning, G. and Killick, J., Australian Journal of Dementia Care, Vol 4:2, April 2015
- 2015 Hand i Pockets: Creativity, playfulness and fun. Kenning, G. and Killick, J., UK Journal of Dementia Care Vol 23:5, September/October 2015.
- 2011 Exhibition Catalogue Treadaway, C. and Bell, A.F. (2011) 'Shorelines Exhibition Catalogue' Pub. UWIC Press ISBN: 978-0-9569258-2-4
- 2011 'Shorelines: An Anthology of Photographs and Poems' Pub. UWIC Press ISBN: 978-0-9569258-3-1
- 2011 'Embodied Interactions' - pp32 Women in Computing Summer Newsletter 2011, Pub. ACM. http://women.acm.org/archives/newsletter/newsletter_v0302.pdf
- 2009 'Digital Printing' – chapter in 'Smart Clothes and Wearable Technology' Woodhead Publications, March 2009
- 2004 Digital Design and Printing for Ceramic Surface Decoration and Textiles in China and Hong Kong. July 2004, Cardiff, Welsh Development Agency: 1-21

Recent Exhibitions (Research related artwork):

- 'Momentum', University Gallery, University of Hertfordshire, Hatfield. November 2012 - February 2013
- 'Shorelines' Maclaurin Galleries, Rozelle House, Ayr, Scotland 12th November – December 23rd 2011
- 'Momentum', Craft in the Bay, Cardiff, September 10–November 6th 2011
- 'Shorelines', University Gallery, University of Newcastle NSW Australia. October 2010
- Material Matters, Howard Gardens Gallery, UWIC Cardiff October 2010
- 'Recursions: Material Expressions of Zeroes and Ones' Museum of Design, Atlanta, USA January - March 2005
- 'Recursions: Material Expressions of Zeroes and Ones' George Caleb Bingham Gallery, University of Missouri-Columbia, May 9th – July 15th 2005
- 'Recursions: Material Expressions of Zeroes and Ones' Eastern Michigan University, Ypsilanti, MI, USA October – December 2005
- 'Digital Perceptions', Leedy-Voukos Art Center, Kansas City, USA May–July 2005
- 'Digital Perceptions' Collins Gallery Glasgow, University of Strathclyde, Scotland, UK January 2006

LAUGH Collaborative Presentations and events

- 2014 New Delhi, India – November 8th Alzheimer's Disease International APRC India 2014

- <http://www.aprc2014-india.com/> Academic poster presentation: collaboration with Dr Gail Kenning (UTS) and Katie Fitzgerald (Alzheimer's Australia)
- 2014 Melbourne Australia - 13th November Academic paper presentation: 'Playful approaches for designing for dementia.' Art of Good Health and Wellbeing Conference, Joint paper presentation
- 2014 Sydney, Australia - 25th November. Academic paper presentation 'Creative conversations at the edge of play' Arts Health Institute Play Up Convention, Joint paper presentation (<http://www.artshealthinstitute.org.au/Events/Play-Up-2014.aspx>)
- 2014 Sydney Australia August Powerhouse Museum Hand i Pocket Hack Funshop; Maker Faire, Sydney Design.

Web Links:

<http://www.faderesearch.com/digitalsurface/2008/07/10/charlotte-hodes-drawing-skirts-video/>

<http://www.craftscouncil.org.uk/files/file/cb5701ea5c2389b5/research-strategy.pdf>

<http://www.leonardo.info/reviews/dec2009/everydaycreativity.ione.php>

09.11.09 New Scientist magazine Issue No: 2733

<http://www.newscientist.com/article/mg20427335.000-gizmos-allow-artists-to-feel-their-creations.html>