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Short presentation

Since my Marie Skłodowska Curie Fellowship here at the Centre for Textile Research (CTR), University of Copenhagen, I have been part-time project team member in THREAD (the Textile Hub for Refugee Empowerment, Employment and Entrepreneurship Advancement in Denmark). This is a pioneering scheme supported by the Danish government's Innovation Fund, which promotes "Grand Solutions" to key challenges in today's society. The project is built around a textile craft and culture network drawn from the CTR's contacts in archaeology, history, handicrafts, fashion, and philology to build on collaborative partnerships with other organisations both academic and commercial. It aims to demonstrate how a dynamic network can provide opportunities for refugees - who bring potential rather than problems to Denmark - to build new lives for themselves.

My Knitting in Early Modern Europe (KEME) research project continues to focus on the 100+ knitted caps which I studied in museum collections worldwide. Despite their diverse locations, they have remarkable similarities in their materials and manufacture. The main outcome has been a themed issue of the *Archaeological Textiles Review* (no 60), which proposes and tests the first protocol for the scientific reporting of evidence for knitting. Visit my online **database** to see most of the knitted caps reported in detail and for a full list of my **publications**. I have also pioneered the use of **citizen science** in textile research with an experimental archaeology project investigating the effects of fulling on different fleece types.

I now plan to take advantage of cutting-edge scientific study techniques (including radiocarbon dating, scanning electron microscopic examination, x-radiography, DNA analysis and proteomics) to discover new knowledge about these remarkable survivals of ordinary men's dress. I am seeking collaborators and co-authors with access to labs where these analyses can be carried out to demonstrate the potential for learning from the "re-excavation" of material with doubtful provenance which has been long-buried in museum stores. The aim is to report negative as well as positive results to show the limitations of these techniques alongside revelations which bring exciting new stories to light.

Research outputs

Early modern knitted caps (fifteenth to sixteenth centuries): analyzing dyes in archaeological samples using microspectrofluorimetry complemented by HPLC-MS

Nabais, P., Malcolm-Davies, Jane Anne, Melo, M. J., Teixeira, N. & Behlen, B., 2023, In: *Heritage Science*. 11, 13 p., 220.

Structuring reconstructions: recognising the advantages of interdisciplinary data in methodical research

Malcolm-Davies, Jane Anne, 2023, In: *Heritage Science*. 11, 16 p., 182.

O tempo do tricot: desenvolvimento de uma abordagem científica para o estudo de malhas

Malcolm-Davies, Jane Anne, 2019, In: *Conservar Património*. 31, p. 133-143

Investigating 16th century knitting with citizen science: An archaeological experiment into fleece and fulling

Malcolm-Davies, Jane Anne & Mearns, R., 2018, In: *Archaeological Textiles Review*. p. 83-99 17 p.

Knitting virtual tribes together: new audiences for cultural objects

Malcolm-Davies, Jane Anne, 2018, In: *IOP Conference Series: Materials Science and Engineering*. 364, 012031, p. 1-9 9 p.

Sticks, stones, fingers and bones: nurturing knitting and the other neglected non-wovens: Guest editorial

Malcolm-Davies, Jane Anne, 2018, In: *Archaeological Textiles Review*. 60, p. 3-9 7 p.

Unravelling the confusions: Defining concepts to record archaeological and historical evidence for knitting

Malcolm-Davies, Jane Anne, Gilbert, R. & Lervad, Susanne, 2018, In: *Archaeological Textiles Review*. 60, p. 10-24 15 p.

'Silk' Hats from a Sheep's Back: how 16th century craftspeople created legal luxuries

Malcolm-Davies, Jane Anne, 2018, *Archaeological textiles - links between past and present, NESAT XIII: Archaeolingua*. Bravermanová, M., Březinová, H. & Malcolm-Davies, J. (eds.). Liberec: Archaeolingua Alapítvány, Budapest., Vol. 34. p. 187-195 & 339 10 p.

Cutting edge technology: knitting in the Early Modern era

Malcolm-Davies, Jane Anne, 2017, *Crosscurrents: Land, Labor, and the Port: Textile Society of America's 15th Biennial Symposium*. Savannah, GA: Textile Society of America, p. 324-334 11 p.

Shedding light with science: the potential for 21st century studies of 16th century knitting

Malcolm-Davies, Jane Anne, 2017, In: *Journal of Dress History*. 1, p. 83-91 9 p.

An Early Modern mystery: A pilot study of knitting, napping and capping

Malcolm-Davies, Jane Anne, 2016, In: *Archaeological Textiles Review*. 58, p. 57-74 14 p.

Erasmus' muts

Kruseman, G., Sturtewagen, I. & Malcolm-Davies, Jane Anne, 2016, In: *Kostuum*. p. 72 89 p.

'He is of no account... if he have not a velvet or taffeta hat': a survey of excavated sixteenth-century knitted caps

Malcolm-Davies, Jane Anne & Davidson, H., 2016, (In preparation) In: *NESAT XII*. 33

'And her black satin gown must be new bodied': the 21st century body in pursuit of the Holbein look

Malcolm-Davies, Jane Anne, Johnson, C. & Mikhaila, N., 2008, In: *Costume*. 42, p. 21-29

What Essex man wore: an investigation into Elizabethan dress recorded in wills 1558 to 1603

Malcolm-Davies, Jane Anne & Mikhaila, N., 2007, *Textiles and text: re-establishing the link between archival and object-based research*. Hayward, M. & Kramer, E. (eds.). London: Archetype, p. 18-22

Wherein Taylors may finde out new fashions': Constructing the Costume Research Image Library (CRIL)

Malcolm-Davies, Jane Anne, 2007, *Textiles and text: re-establishing the link between archival and object-based research*. Hayward, M. & Kramer, E. (eds.). London: Archetype, p. 37-44

The TALC and heritage sites

Malcolm-Davies, Jane Anne, 2006, *The Tourism Area Life Cycle: Applications and modifications*. Butler, R. (ed.). Bristol: Channel View Publications

Borrowed robes: the educational value of costumed interpretation at historic sites

Malcolm-Davies, Jane Anne, 2004, In: *International Journal of Heritage Studies*. 10, 2, p. 277-293

Costume as communication at historic sites

Malcolm-Davies, Jane Anne, 2004, In: *Proceedings: the 3rd International Tourism and Festivals Research Conference*.

The educational role of front-of-house staff in the visitor experience at heritage attractions

Malcolm-Davies, Jane Anne, 2004, In: *Proceedings: Hawaii International Conference on Social Sciences*.

'And at the plastron push': the historical development of fencing kit

Malcolm-Davies, Jane Anne, 2002, In: *Costume*. 36, p. 100-111