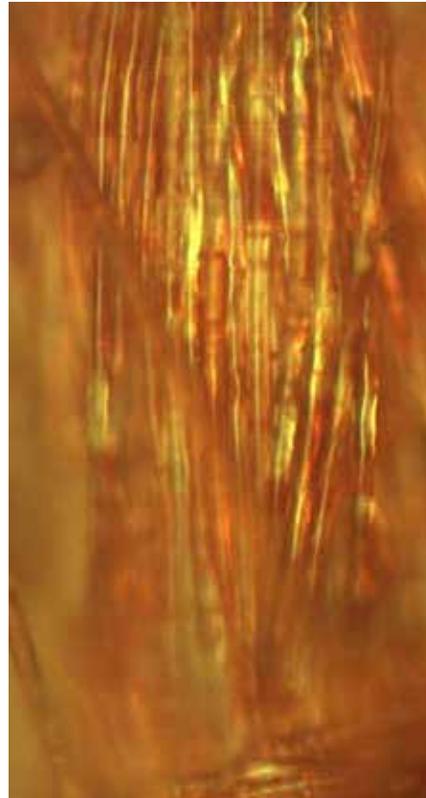




Loughborough
University

**TEXTILE
DESIGN
RESEARCH GROUP**



Textile Design Research Group

The Textile Design Research Group is committed to understanding and progressing textile sustainable design research and practice through both traditional and practice-led approaches, particularly within collaborative and interdisciplinary working contexts.

Our expertise covers a diverse range of interests including traditional textile and craft practices; design process research; digital design, process development and production; smart textiles; sustainability and ethical practices; textiles and wellbeing; and drawing for textile design.

Our common focus develops from a fundamental understanding and core knowledge of design approaches, materials and specialist processes. Our work informs and impacts on many textile related fields in areas such as: sustainable design strategy, innovative production processes, issues relating to well-being and design pedagogy.

- 01 KERRI AKIWOWO
- 02 PAULA GAMBLE-SCHWARZ
- 03 SARAH GREEN
- 04 ZOE JOHN
- 05 LEWIS JONES
- 06 KEN RI KIM
- 07 BRYONY KING
- 08 JANETTE MATTHEWS
- 09 FRANCESCO MAZZARELLA
- 10 LAURA MORGAN
- 11 JENNY PINSKI
- 12 KERRY WALTON
- 13 SALLY YATES



Kerri Akiwowo

School of the Arts, English and Drama

Dr. Kerri Akiwowo is a Textile Practitioner-Researcher and Lecturer in Textiles. Her specialist area is Textile Design Development, encompassing textile design practice, textile design research and textile design education.

Her research and interests include: digital design through textile patterning approaches and coloration methods; reinventing dress histories through integrated digital practices; 3D printing and additive technologies; the development of new processes and materials; emerging creative technologies; new perspectives on visual and material culture; ideologies around image and identity; performance fibres and technical textiles, sports apparel and functional aesthetics; ecological textile design leading to sustainable production practices; and exploring new pathways to designing, design thinking and dissemination.

Paula Gamble-Schwarz

School of the Arts, English and Drama

Paula Gamble-Schwarz is the Art & Design Programme Director for the Foundation Studies course at Loughborough University. She is a Multi-Media artist/designer.

Her interests lay in conveying narrative through the utilisation of a range of materials and processes. The image displayed is a visual response to a current work of literature employing a variety of hand rendered and screen printed techniques.



Sarah Green

School of the Arts, English and Drama

Trained originally as a fine artist, Sarah's current practice-based PhD research focuses on how textile craft approaches can deliver therapeutic benefits to men's wellbeing.

Collaboration with local arts organisation Charnwood Arts, allows Sarah to explore the relationships between crafting and wellbeing through a community-based textile craft group for men. Her other research interests include the significance of sharing textile craft narratives to potentially support therapeutic benefits. She is also an advocate of 'quiet activism' within art practices that involve human co-creators and is specifically interested in the affecting role of the facilitator on the wellbeing of participants in craft-based activities.

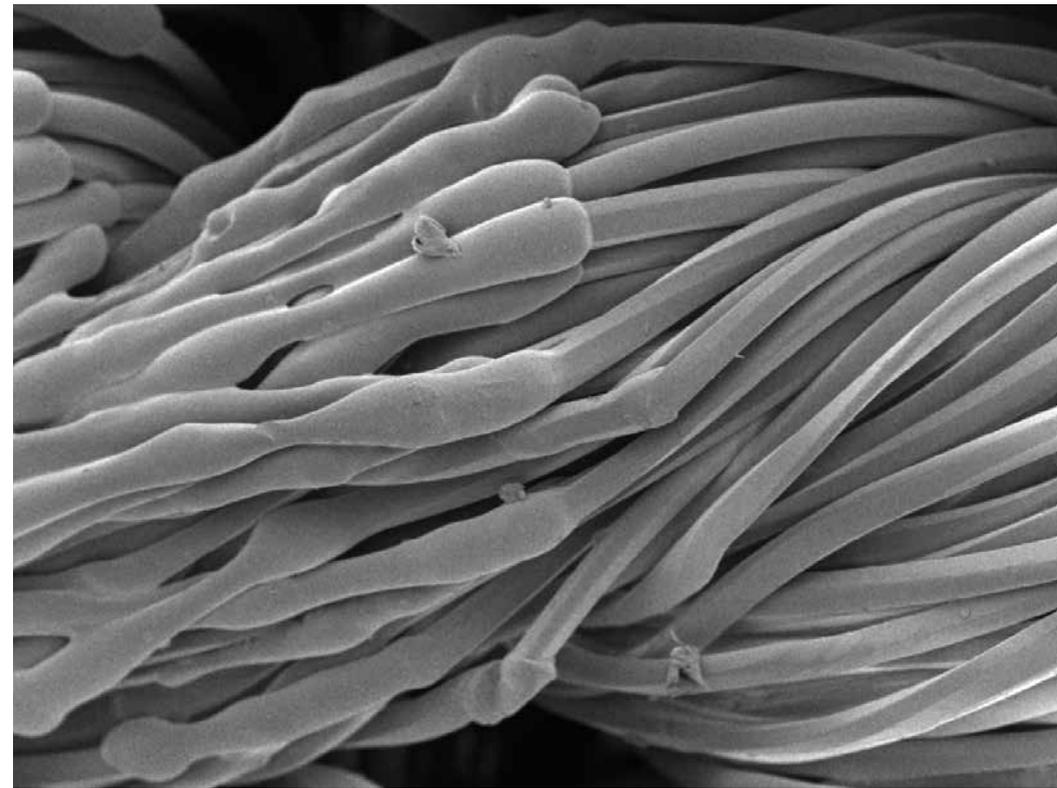
Zoe John

Loughborough Design School

[Ad]dressing Mumma: Identifying design strategies for meaningful and appropriate product life in maternity fashion.

Zoe is undertaking her doctoral research at Loughborough Design School investigating design strategies for the appropriate and meaningful life of maternity wear. This research aims to contribute to the growing area of design for circular fashion and textiles.

Zoe's research also aims to be conducive to understanding well-being as an integral part of sustainability using the lens of clothing to explore the dynamic between the two. Her expertise lies in using whole systems thinking to support, design and develop innovative outcomes and platforms for flourishing futures.



Lewis Jones

Wolfson School of Mechanical, Electrical and Manufacturing Engineering

Dr. Lewis Jones is a Lecturer in Engineering Product Design in the School of Mechanical, Electrical and Manufacturing Engineering at Loughborough University.

His research experience includes the application of laser processing to textiles dyeing and finishing. This involves the use of holographic laser beam manipulation to control the thermal profile on textile surfaces with greater flexibility than standard optics. Investigating laser treatment of textiles to selectively modify surface chemical composition, structure and geometry. Also, applying engineering metrology techniques to textiles. His research aims to develop processes that can be applied to assembled products for manufacturing postponement techniques.

Ken Ri Kim

School of the Arts, English and Drama

Ken Ri Kim has been developing innovative Jacquard weaving methods that cover mainly design, colour, and texture initiation for woven textile design.

Within her research, Kim uses innovative and novel scientific weaving methods. This has enabled the development of a streamlined process from design to fabrication. Woven textile design consists of visualisation, transformation and fabric production. The simplification of this process can benefit both designers and end-users.

In line with her current research, she plans to develop intelligent textiles that are both functional and aesthetically pleasing within the realm of sportswear, interior and garment design.



Bryony King

School of the Arts, English and Drama

Bryony provides technical instruction to students taking the Integrated Digital Pathway of the Textiles program at Loughborough University; Specifically digital embroidery digitization, and the practicalities of stitching-out onto a variety of fabrics.

Her academic background is software-based, whilst her personal interests lie in garment construction and decoration. She is currently sampling different embroidery techniques onto various surfaces, as well as manipulating threads post-stitching. Her on-going projects include the production of in-house instructional videos in digitizing techniques, and collaborative works with Paula Gamble-Schwarz, translating everyday conversation into thought-provoking visual media.

Janette Matthews

School of the Arts, English and Drama

Janette Matthews is a Lecturer in Textiles specialising in Integrated Digital Practices.

Janette's cross-disciplinary collaborative research involves a combination of textile craft processes and digital technologies. Research areas include:

- Laser surface modification for performance and aesthetic purposes including colouration, three-dimensional surface design, pleating, origami techniques and 3D printing. This work continues her PhD study, *Textiles in Three Dimensions: An investigation into processes employing laser technology to form design-led three dimensional textiles* awarded in 2011.
- The application of mathematical techniques to textile processes to provoke new textile design and resources for understanding mathematical concepts.

Janette is a founder editor of the *Journal of Textile Design Research and Practice*.



Francesco Mazzarella

Loughborough Design School

Francesco Mazzarella is a PhD researcher at Loughborough Design School, funded by the *AHRC Design Star CDT*, and member of the *Textile Design and Sustainable Design Research Groups*. His PhD aims to explore how the service designer can activate meaningful routes for the transition of textile artisan communities towards sustainable futures.

Francesco is a member of the *Mode Uncut* network, aimed at activating disruptive fashion practices, by reconfiguring designer-producer-consumer relationships, grounded on openness, transparency, and joyful collaboration. Francesco has international experiences as design researcher, teaching assistant and practitioner, in Italy, the Netherlands, Hungary, Brazil, South Africa, and the UK.

Laura Morgan

School of the Arts, English and Drama /
Wolfson School of Mechanical, Electrical and
Manufacturing Engineering

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Dr. Laura Morgan is a designer and researcher at Loughborough University with a background of commercial design experience in the fashion and textiles industry.

Her research interests are concerned with addressing sustainability through process and material innovation for textiles. Through her interdisciplinary research and practice, she has worked with multiple industry stakeholders, utilising emerging digital technologies, specifically investigating laser-textile techniques. In her most recent work, she has developed *Laser Textile Design* techniques for colouration and three-dimensional finishing to address water and chemical waste in textile processing; and is currently investigating laser modified material properties for sportswear.



Jenny Pinski

School of the Arts, English and Drama

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Jenny Pinski has an educational background in woven textiles and spent a number of years practicing as a footwear designer.

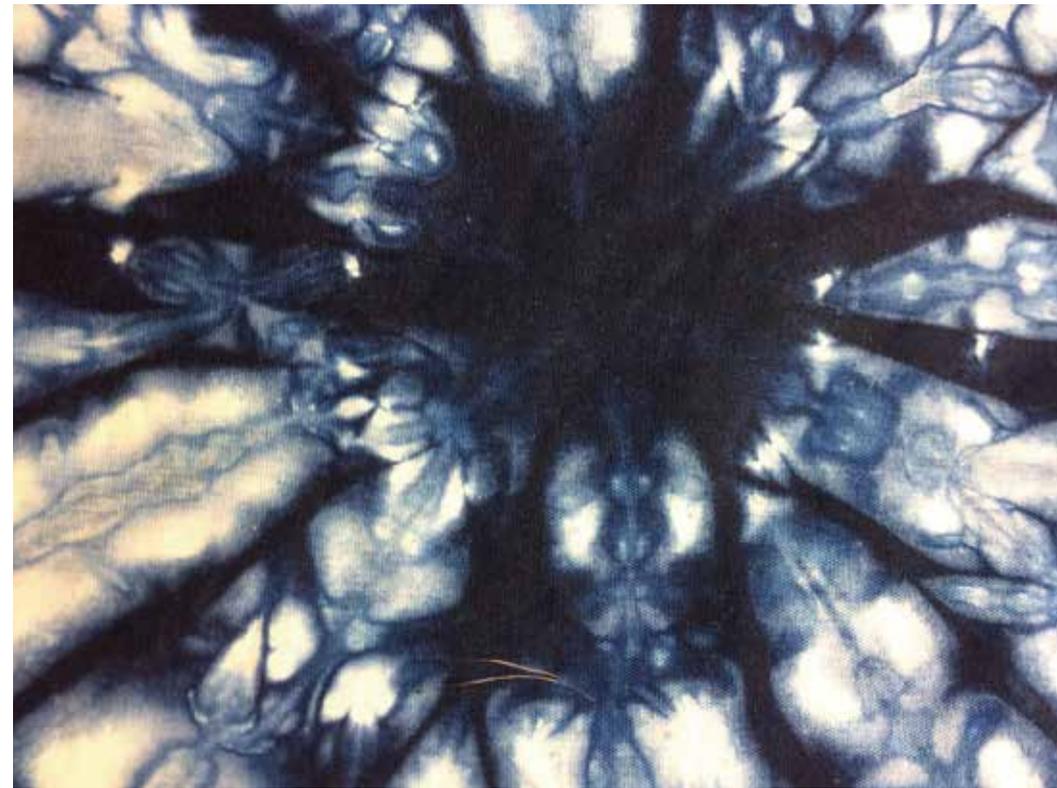
She has designed and developed shoes for international markets along with providing colour and trend expertise for the footwear industry. Her background in footwear and textile design informs her research interests, which currently focus on the application of woven textile approaches to sandal design. She conducts practice-based research to generate theory through engagement with hands-on design processes. Other research interests include the integration of digital and hand processes and the role of design practice in academic research.

Kerry Walton

School of the Arts, English and Drama

Kerry Walton is the Programme Director for Textiles: Innovation & Design, rated 1st in the UK for Fashion and Textiles (The Guardian University Guide, 2015, 2017, 2018).

Her current research explores the relationship between drawing and textiles, both within her own practice and within the scope of a contemporary Textiles education. With experience of design education spanning 4 decades both as educator, researcher and practitioner, teaching and research are inextricably linked and the focus of her work reflects on the integration of traditional craft skills with evolving digital opportunities and the ability of drawing to facilitate this relationship.

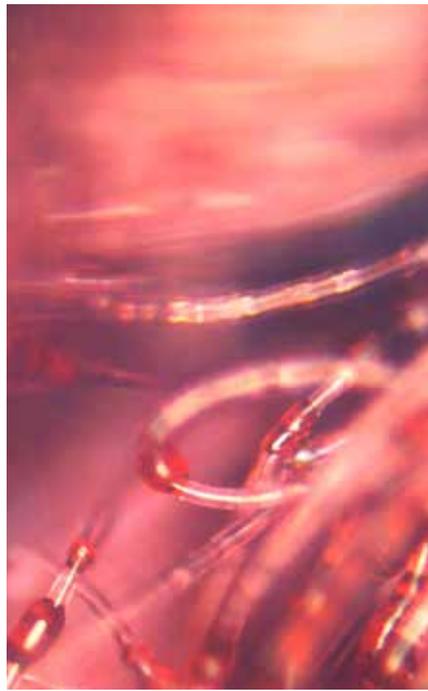


Sally Yates

School of the Arts, English and Drama

Sally Yates is a Technical Tutor & Dye lab Manager who specialises in translating design work / imagery to fabric outcomes.

Sally holds in depth knowledge of print processes from film making, screen preparation, exposure and print production. She utilises Acid, Procion, Vat & Indigo to dye and print as well as a range of pigments. Sally is skilled in printing in repeat and registration to produce lengths/fabric for interior and fashion. She has a knowledge of appropriate fabric and materials for different textile processes and dye application. Sally is proficient in colour matching and the creation of dye and print paste recipes from a given palette.



A close-up photograph of a woven textile fabric, primarily in shades of red and pink, with some blue threads visible. The fabric is draped and folded, creating a sense of depth and texture. The background is a soft, out-of-focus light blue and white.

TEXTILE DESIGN RESEARCH GROUP

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