



Rosie Broadhead

Material Specialist

Brussels, Belgium

[Portfolio link](#)

[View profile on Dweet](#)

Links

[LinkedIn](#)

Languages

English (Native)

French (Work Proficiency)

About

Rosie Broadhead is a textile designer and researcher specialising in biomaterials for fashion industry applications. Founder of material innovation platform SKIN SERIES, and Textile Scientist at Ghent University. Her research focuses on the intersection between skin and clothing, the textile microbiome and how we can influence the body through functional materials. Rosie is a graduate of Central Saint Martins' MA 'Material Futures' course in 2019, and has a background as a designer and Head of Sustainability at sportswear brand Perfect Moment, R&D at Rapha, Thom Browne and Aitor Throup. This research into the future of fashion has resulted in peer reviewed papers and exhibitions during Salone del Mobile Milano, Dutch Design Week, London Design Festival, The Design Museum London and publications in Forbes, British Vogue, i-D and The New York Times. As a reflection on the fashion and bio-design fields she co-founded, 'Surface Tension' platform centred around realising the positive potential of materials on the body.

BRANDS WORKED WITH

- CHEREVICHKI OT VICHKI LTD
- Ghent University
- Ma-tt-er
- Perfect Moment
- Rapha Racing Limited
- SKIN SERIES
- Stella McCartney
- University of the Arts London

Experience

● Designer & Material Specialist

SKIN SERIES | Jan 2021 - Now

- Design and Development of therapeutic textiles and clothing under the platform Skin Series.
- Developing knitwear with health benefits to the skin with less impact on the environment.
- Utilising the therapeutic effects of seaweed, zinc, and vitamin E in textiles to benefit the skin.
- Stocked in international libraries and showcased at Milan Design Week, London Design Festival ect.
- Worked with brands such as Berghaus, Marie Lauder and Eden Power Corp

● Textile Scientist

Ghent University | Aug 2020 -

Based in the Center for Microbial Ecology and Technology at Ghent University developing innovative probiotic textile solutions for the fashion industry.

- Focusing on the skin microbiome and probiotics textiles as an alternative for antibacterial finishes.
- Designing, developing and performing wet-lab based experiments on textiles and bacteria.
- Managing the lab and wear testing programme within the University and external partners.
- Partnering with brands, mills and chemical companies to scale the technology commercially.
- Managed and tutored several thesis masters students on their final dissertations.
- Authored and co-authored peer-reviewed papers, book chapters and conference papers.



● Visiting Lecturer

University of the Arts London | Dec 2019 - Jan 2023

Visiting Lecturer at different Universities and Post-graduate programmes including University Arts London, Ghent University, Jan Van Eyck Academie, Università Luav di Venezia, Lebanese American University



● Designer & Head of Sustainability

Perfect Moment | Sep 2019 - Aug 2020

Perfect Moment is a luxury ski-wear brand, founded in Chamonix by Thierry Donard, a renowned extreme sports filmmaker and professional skier.

- Worked with creative director and merchandiser to design Menswear and Kidswear collections.
- Designed collections, colour-ups, prints and graphics for AW20, SS21 and AW21.
- Researched and developed sustainable concepts for sportswear alongside the development team.
- Implementing Sustainable fabrics and production processes into the collections.
- Attended international fabric sourcing fairs such as Performance Days.



● Stella McCartney and MA Material Futures Design Project

Stella McCartney | Apr 2018 - Jun 2018

Part of a project on the future of sustainable fashion. I proposed a new way of developing waste-free patterns with future bio-materials such as mycelium and bacteria cellulose.

● Research & Development Consultant

Rapha Racing Limited | Jul 2017 - Aug 2018

● Research Assistant

Ma-tt-er | Jul 2017 - Sep 2017

● Junior Designer

CHEREVICHKI OT VICHKI LTD | Sep 2016 - Apr 2017

● Research and Development Assistant

Rapha Racing Limited | Sep 2015 - Sep 2016

- Assistant to the Head of R&D in all aspects of R&D projects.
 - Involved in the development of future fabric technologies for both main range and Team Sky.
 - Analysing fabric testing programmes both lab and wear testing and presenting data.
 - Involved in an aero dynamics project, which included both wind tunnel and track testing time.
 - Communicating with mills and suppliers regarding seasonal sampling and proto requests.
 - Updating CAD drawings to seasonal tech packs and range overviews.
- Analysing the impact of Rapha products and fabric through sustainability tool The Higg Index.

● Research and Development Intern

Rapha Racing Limited | Jul 2014 - Sep 2014

Education & Training

2017 - 2019 ● Central Saint Martins, University of The Arts London

Master's degree,

2011 - 2015 ● University of Westminster

Bachelor's Degree,