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# Student Research Opportunities



Sarah Allison – Project Manager

## Eco-innovation Cumbria

Glyn Griffiths – Project Manager

THE WOOLLY RUG CO. LTD.

Carrie Hedges – Intern (PhD)

University of  
**Cumbria**



CUMBRIA  
INNOVATIONS  
PLATFORM

## Eco-innovation Cumbria

- ERDF Projects being provided by University of Cumbria, Lancaster University and UCLAN
- Both projects run until 2020 (Sept & November respectively)
- Both projects offer innovation support to Cumbria based SME's (small-medium enterprises)
- Eco Innovation supports low carbon innovation
- Cumbria Innovations Platform supports all innovation
- In Cumbria both projects provide interactive workshops for businesses (Lancaster University support with digital projects, management training and access to facilities for testing, analysis and prototyping)
- Both projects provide funding to support student research placements

- **Student Research Placements**

- Part funded PhD opportunities – Lake District Pound, Institute for Outdoor Learning, Kendal Mountain Festival
- Part funded MSc/MA opportunities – Willison-Parry, Brainchild Development Program Ltd., Portable Eco Systems, South Cumbria River Trust and Friends of the Lake District
- Funded Internships – Bownessie, My Way Code, Fresh Keg, Vortex Hydra, Solway Connections, Wooley Rug Company and more!
- Internships last for 140 hours (20 days), flexible to fit in with studies and personal commitments, can be worked on campus, with the employer or at home – depends on business needs and are paid!
- £9 per hour, maximum of £1200 plus travel expenses
- Supported by the project team and an academic supervisor



# Eco-innovation Cumbria

## **Why undertake a Student Research Placement?**

- Increase your skills and knowledge
- Gain experience
- Strengthen your CV
- Improve your employability
- Get great references
- Make contacts for future work
- Get paid for doing something you enjoy



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# Eco-innovation Cumbria

## **Eco-Innovation:**

Business - <https://vimeo.com/340201588>

Student - <https://vimeo.com/340198748>

## **Cumbria Innovations Platform:**

Chris Loynes - <https://vimeo.com/335888490/7515ee56a5>

Dave Harvey - <https://vimeo.com/335890126/a70da511c9>

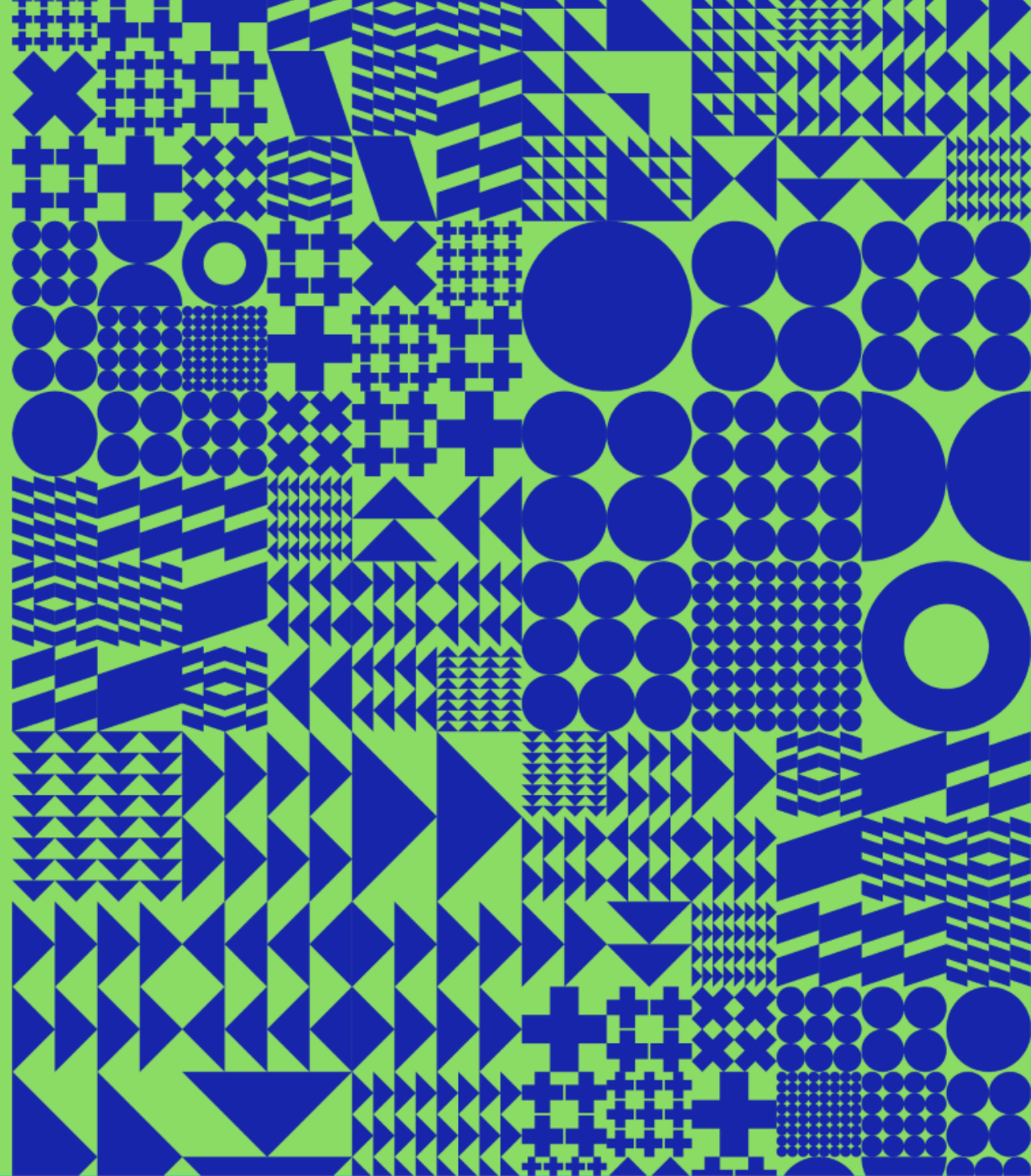
Roseanne Willison-Parry - <https://vimeo.com/335886825/889d0f606c>



3<sup>rd</sup> July 2019

# UoC Internship: The Woolly Rug Company

Carrie Hedges – PhD Student  
Ambleside Campus



# The Woolly Rug Company



All photos taken by Rob Fraser  
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# The Woolly Rug Company





# The Woolly Rug Company





# The Woolly Rug Company



## Project brief

*...Chemical dyes are used to colour some of the yarns, but with their adverse environmental impacts, there is a desire to move where possible to use more sustainable natural dyes...*

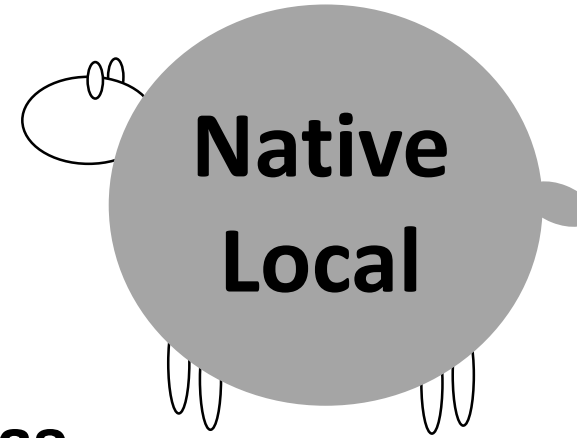
## The intern

### Desk-based research

- environmental impacts
- possible suppliers
- relevant legislation
- colour fastness/durability



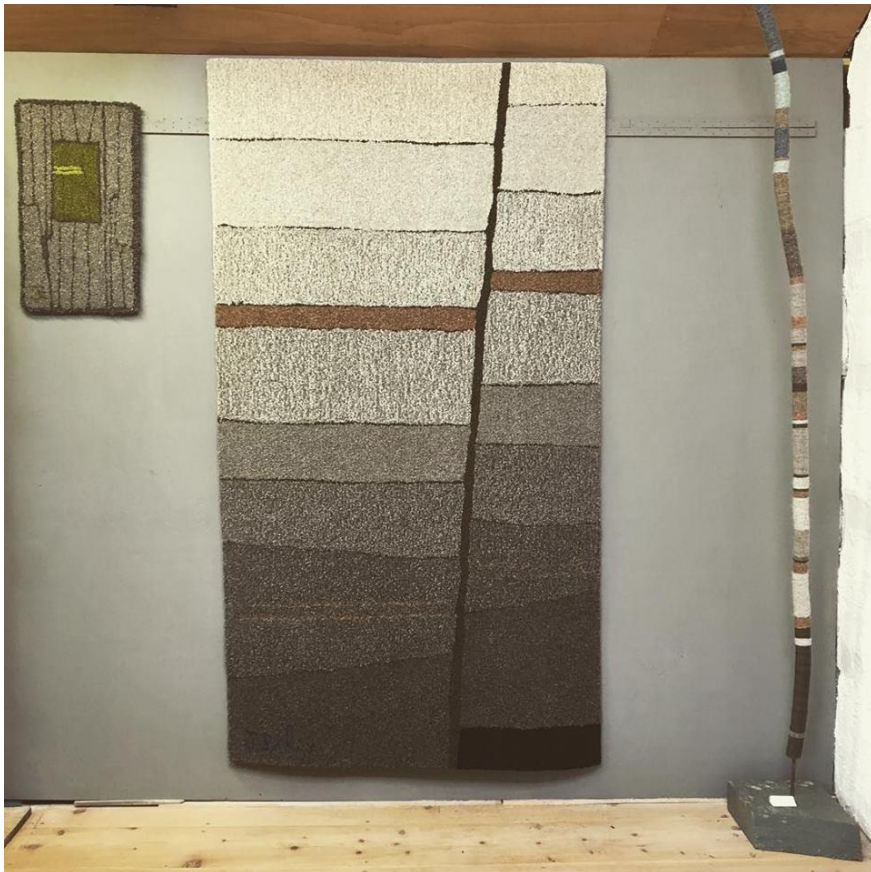
# The Woolly Rug Company



## Scoping: Research in 4 areas

- Natural processes
- Sustainability
- Environmentally friendly
- Usefulness (production needs)
  
- Developed contacts / potential meetings
- Producing a list of natural-dyes, mordants & modifiers

Feedback...





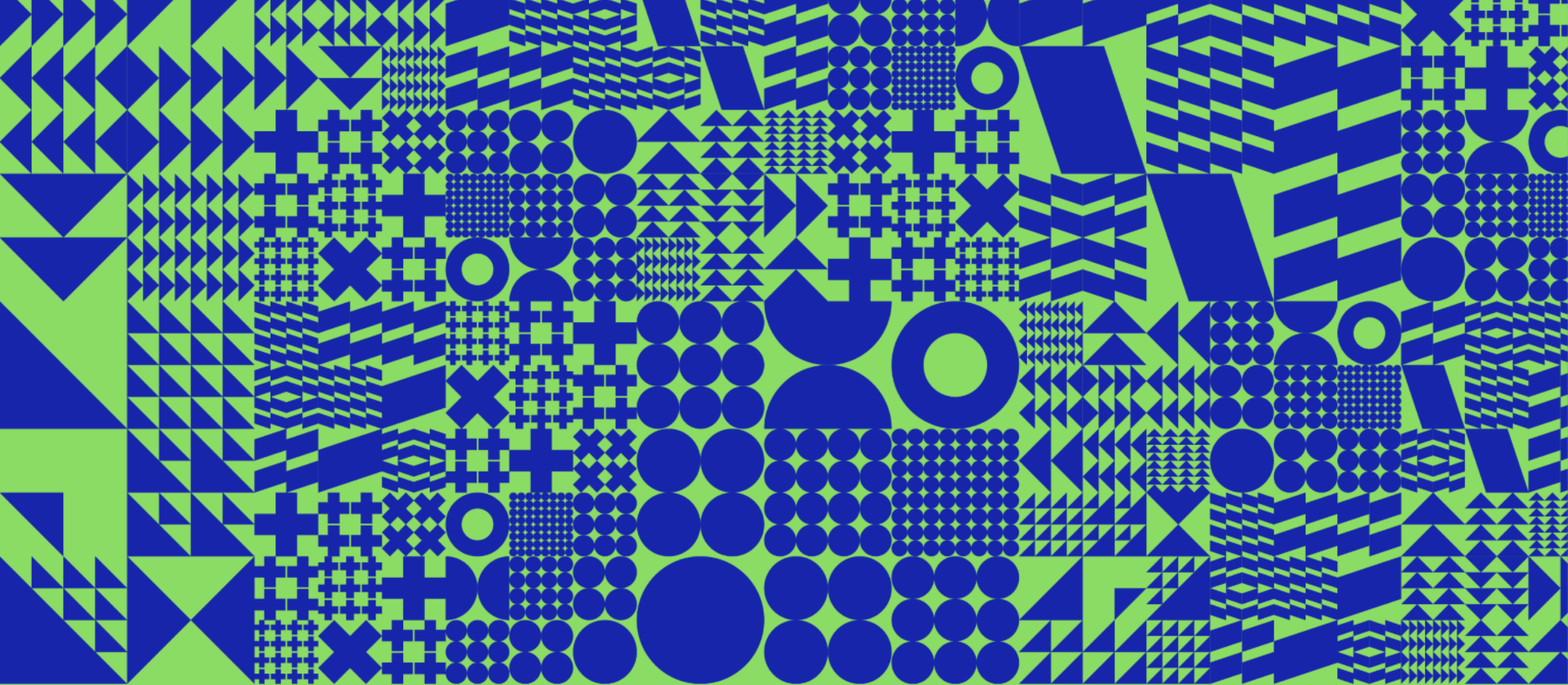
# The Woolly Rug Company



## Thoughts

- Excellent opportunity – *SMEs*
- Try something new – *diverse research areas*
- Great for the CV
- Little extra cash...





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