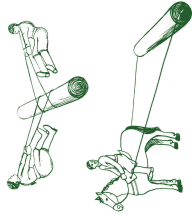
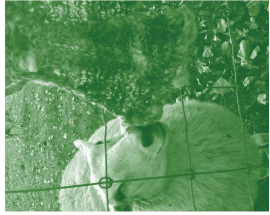
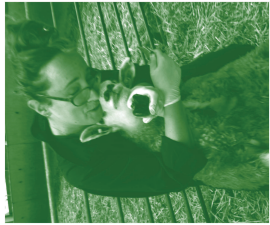


SWEATING TO MAKE PLACE: THE SWEAT(ER)SHOP AND D-STILLERY

BY CYNTHIA HATHAWAY

325 CAMPUS SHEEP + YOU

You see them everyday. What are they doing here? Keeping the field grass down and Veterinary students on the ball. But all their wool is overlooked and shipped out as University sweaters are being shipped in. Let's go local and together stop the wool from going global.



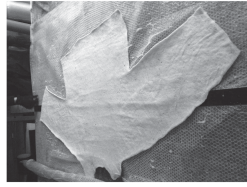
WOOL WORKOUT

Sweat for your sweater starts here. Using ancient processes from Mongolia, Iran, Iraq, Tibet and Morocco, wool is pulled in a roll to mix its fibres together making a long piece of felted textile.



NO SEWING

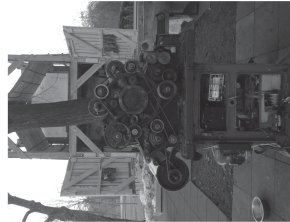
With no sewing necessary, seams are felted together by hand. The fastest sweater has been felted in 45 minutes by 2 people. That's a lunch break!



A BLAST FROM THE PAST

Carding makes the fibres of raw wool align for easier felting. A hand carder uses only human power. But it is slow.

To get through 450 kilos, a Dutch 1890's carding machine recently saved from a metal auction gurgles quickly through the wool on the Genevaplain.



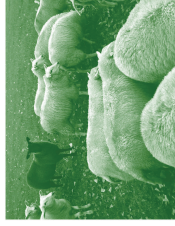
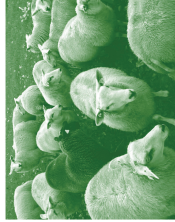
LOW TECH SUPPORT SYSTEM

Hobbyists are our best DIY experts. When teamed with scientific research, the Sweat(er) shop mates innovation and social welfare.



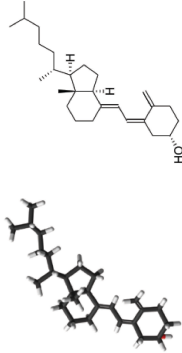
SOCIAL SWEAT(ER) SUSTAINABILITY

- I have been watching you for days. What the hell are you doing?
- Are you for real? When can I get one?
- Sheep are too noisy in the night, but if for a sweater, ok!
- Felting is part of my Moroccan heritage and you make me feel at home.
- My brain is mush. I want to work outside and get away from my computer. When can I roll?



THE BLACK SHEEP

To innovate we need black sheep. But in terms of making space communal, we need to consider belonging. Do you feel like you belong to the USP? Can the making of a local sweater be a community binder?



800 SWEATERS

The Sweat(er)shop has 450 kilos of Tolakker Farm wool. That's approximately 800 sweaters or 8000 beards.



GOING LOW TECH ON A HIGH TECH CAMPUS

Wool is a perfect raw material and needs very little processing to transform it into a useful textile. By using just our hands, warming sloop water and rolling on the landscape, the wool binds together to make yarn or felt.

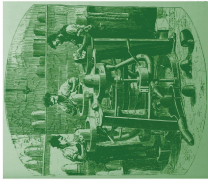


TOLAKKER SPINNING KICK OFF

Visiting students studying resilience from the University College Roosevelt try their hands and feet at spinning yarn for a sweater.

WHAT IS YOUR IDEA OF A FAIR TRADE SWEATER?

- Made here with our own sweat?
- Using local material resources?
- Using no chemical processing?
- Use of low tech? Going slow? Doing it together?



TURN IT DOWN!

The thermal insulation measurement of clothing or the "clo" factor of the Sweat(er) is approximately .39. When everyone wears a sweat(er) the heating in a USP building can be turned down from 21, the standard temperature of all USP buildings, to 18.5 degrees C. That's an energy saving of approx 25%.

WOOL AND SCIENCE TO THE RESCUE

Vitamin D is made in our skin by exposure to the sunlight. It supports healthy bones and teeth. Experiencing dark winter months and being indoors behind computers can accelerate a vitamin D deficiency. A natural source of Vit D3 (Cholecalciferol) comes from the lanolin found in sheep's wool. The D-stillery tests extraction of D with USP Chemistry departments, and uses biogas made from Tolakker cow poo for any energy needs.

