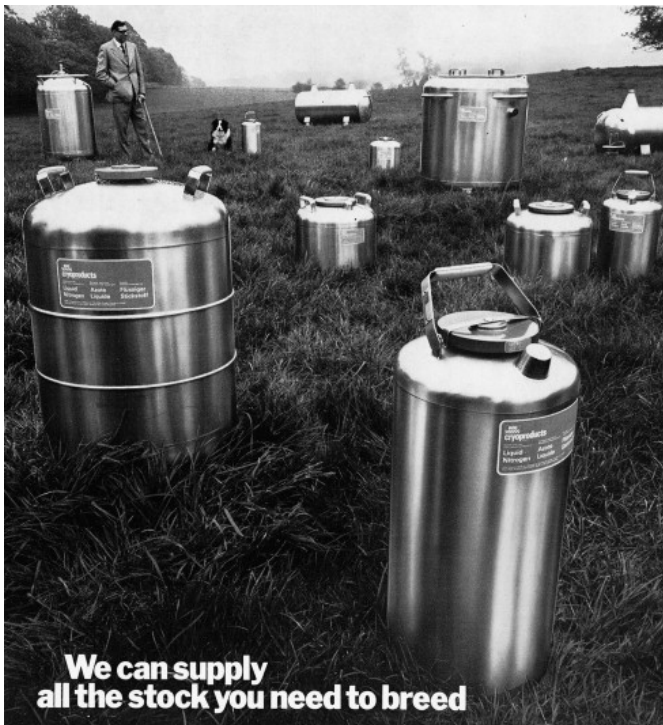


## Undergraduate internship opportunity: Interested in using digital storytelling tools to interpret the history of animal agriculture?

Drs. Heidi Tworek and Will Wright of UBC's History Department are looking to hire an undergraduate research assistant on a part-time basis to help create an ArcGIS StoryMap (for examples, see: <https://www.esri.com/en-us/arcgis/products/arcgis-storymaps/stories>) that details the spatial history of these two cattle breeds: the Hereford and the Holstein. This digital storytelling tool will be used to explain why the Holstein and Hereford breeds are so ubiquitous today by mapping and narrating their global diffusion over the nineteenth and twentieth centuries from the United Kingdom and the United States. The hire will complete 35 hours of training in ArcGIS during the Winter 2022 term and work 20 hours per week (at a rate of \$20.82/hour) over 10 weeks during the Summer 2022 term. Previous GIS skills are not required as basic knowledge and tools will be learned. Students interested in animal studies, digital history, and/or agricultural history are encouraged to apply.

To apply, send a 1-page cover letter outlining your interest in the position, relevant experience, and applicable skills to: [heidi.tworek@ubc.ca](mailto:heidi.tworek@ubc.ca)

Review of applications will begin January 31, 2022. Interviews for finalists will occur via Zoom in February.



The spread of Holstein genetics across the world relied on the reproductive technology of artificial insemination. A 1970s advertisement (*left*) from the British Oxygen Company celebrates the removal of the conceptive process from 'natural' breeding practices. The visual shock came by replacing cattle with canisters for storing sperm in liquid nitrogen. Image from Ogilvy & Mather Archive held at The History of Advertising Trust ([www.hatads.org.uk](http://www.hatads.org.uk)).

BOC Cryoproducts have been down on the farm for years. So we know all the angles.

Our liquid nitrogen Vivostats for preserving bulls' semen have been designed for the task. We made them of stainless steel for hygiene and to withstand rugged handling.

They're easy to carry and

easy to fill—they have extra wide necks—and they're very capacious: our 35-litre container holds 6,500 straws.

Better still, they're trouble-free. You leave all the technological aspects to us.

We supply the Vivostats, the liquid nitrogen and the know-how. You just supply the semen.

Ring the Technical Operations Room at BOC Cryoproducts today for free advice and action.

The British Oxygen Company Ltd., Deer Park Road, London, S.W. 19. Telephone: 01-542 6677.



**BOC**  
**cryoproducts**