



University College Dublin
Ireland's Global University

DEVENISHTM
Beyond Nutrition

Co-grazing cattle and sheep on differing swards: effects on animal performance, meat quality and methane emissions

An exciting opportunity exists for the correct candidate to join UCD and Devenish Nutrition in submitting an Irish Research Council Enterprise partnership scheme (postgraduate) 2019 <http://research.ie/funding-category/postgraduate/>

The successful candidate will initially be expected to contribute to a funding submission to the Irish Research Council to secure funding for a 48 month PhD program investigating the 'co-grazing on cattle and sheep on differing swards to determine the effects on animal performance, meat quality and methane emissions'

The objectives of the program are as follows

- To determine the potential for alternative sward species mixtures to increase the nutrient content and quality of beef and lamb meat when sheep and cattle are co-grazed
- To investigate the dry matter yield and nutrient value potential of herbage from differing sward species mixtures
- To investigate the impact of alternative sward species mixtures on methane emissions of beef cattle
- To investigate the impact of alternative sward species mixtures on live weight gain and parasite burden of cattle and sheep
- To determine the impact of co-grazing cattle and sheep on sward species mixtures composition and persistence

Pending the successful outcome of the funding submission the candidate will be located between Devenish Nutrition's Research Farm at Dowth, Co. Meath, UCD's Lyons Research Farm, Co. Kildare and UCD, Co. Dublin.

Candidates must hold an honours degree in Agricultural Science or a related discipline, or a Masters' degree in Agricultural Science. Applicants should submit a CV and letter of interest to tommy.boland@ucd.ie by 5.00pm on Wednesday 22nd August.

For further information, please contact tommy.boland@ucd.ie