

2019 CLIFF-GRADS Awardees



Sebastian Bedoya Mazo

Colombia

Studying at: University of Antioquia, Colombia

Hosted by: National Institute for Agricultural Research (INRA), ARA Centre, France

What is your academic background?

I'm a PhD student at University of Antioquia, Colombia, where I study animal sciences. My thesis is about the development of models to estimate the enteric methane production using on-farm variables such as animal characteristics, grazing time and dry matter intake in dairy. I also work at University of Antioquia. I am lecturer of nutrition and animal feed at the Faculty of Agricultural Sciences and I'm one of the people responsible for the adjustment, calibration and management of open-circuit respirometry chambers at the respirometry laboratory of the University of Antioquia.

Which project have you been selected for?

"Quantifying Hydrogen fluxes and their impact on methane production equations", supervised by Dr. Maguy Eugene.

How will this award impact your study?

This award will improve the planning, execution and development of the methane prediction models of my PhD project and it will bring great knowledge to the GRICA research group at the University of Antioquia-Colombia. The knowledge acquired in the internship will allow the development of more robust research projects that consider other variables that enhance the precision and accuracy of future methane prediction models.

Tell us a bit more about yourself?

Since I was a child, I loved the life in the countryside because I lived on my grandparents' farm, I think that's why I choose my career. Throughout my career, the topics that I liked the most were animal nutrition and reproduction in fish. Then, I got my degree in animal sciences and I worked in a fish farm, where I was a reproduction coordinator; this was my first job. I really enjoyed the work and learned a lot of this topic, but I'm a passionate person about reading, to learn new things every day, I like to be updated on my interest topics, so I decided to apply for a PhD, taking advantage of a scholarship that I had won in my undergraduate program.
