

POST-DOCTORAL POSITION

**Department of Animal Science, Agrosavia-Research Agricultural Corporation of Colombia
and Department of Animal Science, The Pennsylvania State University, U.S.A.**

We seek to appoint a qualified and self-motivated post-doctoral fellow from the Latin American region to work on a project related to feed and nutrition in relation to enteric methane emissions from cattle managed under a range of production conditions and environments. The work on the project is integrated with activities of the GLOBAL NETWORK and CEDERS (Capturing Effects of Diet on Emissions from Ruminant Systems) projects and the FEED AND NUTRITION NETWORK (an activity of the Livestock Research Group within the Global Research Alliance on Agricultural Greenhouse Gases; <https://globalresearchalliance.org/research/livestock/networks/feed-nutrition-network/>).

The candidate will lead research related to the following specific objectives:

- (1) Expanding animal and feed databases for mitigation of enteric methane developed by the GLOBAL NETWORK project to include new data representing production systems and environments;
- (2) Identify and recommend methane mitigation technologies that are practical and feasible for the livestock production systems in the target geographic regions;
- (3) Develop specific methane yield (Y_m) values suitable for local feeds in the target regions, which will enable the use of these new Y_m values to improve national greenhouse gas inventories;
- (4) Identify how nutritional measures can be captured in national greenhouse gas inventory methodologies to demonstrate mitigation.

The project is coordinated by the Pennsylvania State University (U.S.A.) and the physical location of the position is in the Department of Animal Science, Agrosavia-Research Agricultural Corporation of Colombia, Researcher Center Tibaitata, Bogota, Colombia. The position requires occasional travel for data collection and participation in collaborative and scientific meetings. Candidates must have a completed Ph.D. in Animal or Dairy Science and a strong publication record that demonstrates extensive experience with animal nutrition and greenhouse gases research. The term of this appointment is 24 months. The benefits of the contract include: Agrosavia institutional savings, life insurance policy, and an annually increase in salary according to institutional policy. More information about Agrosavia can be found at <http://www.corpoica.org.co/>. Review of applications will begin immediately and continue until the position is filled. Please apply by submitting a cover letter, curriculum vitae, and contact information for 3 references to Dr. Alex Hristov at (anh13@psu.edu). For additional information, please contact Dr. Hristov.