



Call for Applications to Nutrition Modeling Committee

The National Animal Nutrition Program (**NANP**; <https://animalnutrition.org/>) operates as a National Research Support Project (NRSP-9) funded through the USDA National Institute of Food and Agriculture. NANP provides an integrated and systematic approach to sharing, collecting, assembling, synthesizing, and disseminating science-based information, educational tools, and enabling technologies on nutrient needs of agricultural animals that will facilitate high-priority research across all domestic agricultural species.

To advance this mission in the context of increasingly complex production systems and climate-smart agriculture, NANP invites applications to serve on its Nutrition Modeling Committee (**NMC**). The NMC serves animal nutrition research, extension, and conservation communities by advancing the development, evaluation, integration, and communication of predictive nutrition and feed management models. The NMC works collaboratively with other NANP committees, USDA agencies (including NRCS), academic institutions, industry partners, and professional organizations.

The committee's focus is on ensuring that nutrition models are scientifically robust, transparent, interoperable, and fit for use in research, education, and decision-support applications, with the following objectives:

- Serve as an objective, science-driven forum for dialogue on animal nutrition modeling concepts, methodologies, assumptions, uncertainties, and limitations.
- Identify, describe, and critically evaluate existing nutrition and feed management models across species and production systems.
- Support the development, improvement, and harmonization of modeling platforms and decision-support tools used by researchers, educators, conservation professionals, and producers.
- Identify knowledge gaps, data limitations, and methodological needs that constrain model performance and applicability.
- Stimulate new ideas, interdisciplinary approaches, and experimental strategies to advance predictive modeling in animal nutrition.
- Assist with training and capacity-building efforts in nutrition modeling for NRCS staff, extension professionals, students, and other stakeholders.

For more information, check <https://animalnutrition.org/modeling-committee> or to express an interest in being involved, email the following materials to **Phillip Miller** (pmiller1@unl.edu) or **Luis Tedeschi** (luis.tedeschi@tamu.edu), with the subject "**NMC**":

- A 1-page letter indicating how you can assist with the listed objectives of the NMC committee and
- A 2-page CV with current and relevant information for your application.

Review of applications will begin on April 17, 2026