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Area of Expertise:

- Poultry nutrition and management
- Nutritional and management tools to increase nutrient availability in poultry

Focus of Research:

- Optimizing phosphorus needs and availability for poultry
- Ingredient calcium and phosphorus digestibility in poultry
- Optimizing use in poultry
- Minimizing nutrient excretion in poultry
- Understanding the negative impact of soybean trypsin inhibitors and how to minimize them

Current Funded Projects (Source):

- Development of a calcium and phosphorus digestibility (broilers) in ingredients (Cargill/Dupont)
- Development of an in vitro system to predict limestone calcium digestibility in poultry in limestone (Cargill)
- Optimizing effectiveness of phytases (Dupont)
- Amino acid digestibility in soybean meals from the same batch of beans processed to contain different trypsin inhibitor and use of proteases to minimize negative impacts (DSM)