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**Area of Expertise:**

- Poultry Nutrition
- Broiler Production and Management

**Focus of Research:**

- Dietary studies with exogenous enzymes and trace minerals
- Alternative bedding material for broiler houses

**Current Funded Projects (Source):**

- Evaluation of Sorghum as an Alternative Bedding Material in Broiler Houses (Agri-Tech Producers, LLC)
- Oocysts shedding and immunity development in young chickens inoculated via oral route with 1 dose of Coccivac-B52 (Merck)
- Closed-loop manure-to-energy heating system (MIPS)
- Strengthening Experiential Learning, Recruitment, and Retention within the UMES Department of Agriculture, Food and Resource Sciences (USDA)