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### **Area of Expertise:**

- Transport of nutrients
- Mucosal function and health
- Nutrient absorption

### **Focus of Research:**

- Energy metabolism and nutrient partitioning
- Impact of stress on nutrient utilization
- Using additives as antibiotic alternatives
- Emerging issues in the industry

### **Current Funded Projects (Source):**

- Ontogeny of intestinal stem cells in the embryonic and posthatch chick (USDA)
- Effects of phytogenics on nutrient digestion and absorption in turkey poults (Industry)
- Tissue distribution of digestive enzymes in broilers fed various methionine forms (Industry)
- Effect of Salmonella and Campylobacter infections on expression of nutrient transporters in broilers (various sources)