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Area of Expertise:

- Poultry Physiology
- Poultry Genetics
- Poultry Growth
- Poultry Reproduction
- Poultry Heat Stress

Focus of Research:

- Regulation of growth and feed efficiency in broiler chickens
- Regulation of body composition in broiler chickens
- Regulation of reproduction in turkey hens
- Mitigation of heat stress in broiler chickens

Current Funded Projects (Source):

- Glucocorticoid induction of endogenous growth hormone in chicken embryos (USDA-NIFA)
- Identification of mechanisms and gene networks associated with differences in egg production in turkey hens (MAES)
- Mechanisms affecting posthatch growth following embryonic induction of growth hormone in broiler chickens (USDA-NIFA)
- Mitigation of heat stress in broiler chickens through early-life thermal conditioning (USDA-NIFA)