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**Area of Expertise:**

- Avian virology
- Poultry production
- Emergency disease outbreak response
- Biosecurity

**Focus of Research:**

- Improving the effectiveness of depopulation methods & equipment
- Decontamination of equipment & poultry facilities
- Improving poultry performance & sustainability using new alternative lighting technologies

**Focus of Outreach:**

- Emergency outbreak response training
- Improving broiler production using new lighting technologies

**Courses Taught:**

- ANFS 111 Animal Science Laboratory (Animal Health section)
- ANFS 112 Animal Handling Laboratory (Poultry section)
- ANFS 422 Poultry Production

**Current Funded Projects (Source):**

- Evaluation of Poultry House Heat Treatment as an Alternative to Post Outbreak Wet Cleaning and Disinfection. US Poultry Foundation
- Provide Emergency Poultry Disease Response Training. (USDA APHIS)
- Control of Endemic, Emerging, and Re-Emerging Poultry Respiratory Diseases in the United States (USDA AFRI)
- US Poultry Foundation Recruiting Grant (US Poultry Foundation)

