

**For Immediate Release**  
**U.S. Poultry & Egg Association**  
**Tucker, GA - June 22, 2023**

**Contact:** Gwen Venable, 678.514.1971, [gvenable@uspoultry.org](mailto:gvenable@uspoultry.org)

**Researcher Assesses the Use of Metals on the Resistance and Virulence of Avian Pathogenic *E. coli* (APEC)**

USPOULTRY and the USPOULTRY Foundation announce the completion of a funded research project at the University of Georgia in which a researcher assessed the use of metals on the resistance and virulence of avian pathogenic *E. coli* (APEC). The research was made possible in part by an endowing Foundation gift from Mar-Jac Poultry and proceeds from the International Poultry Expo, part of the International Production & Processing Expo (IPPE). The research is part of the Association's comprehensive research program encompassing all phases of poultry and egg production and processing. A summary of the completed project is below.

**Project #726: Assessing the Impact of Feed Supplements on the Selection of Avian Pathogenic *Escherichia coli* (APEC)**

(Dr. Catherine M. Logue, College of Veterinary Medicine Department of Population Health, University of Georgia, Athens, Ga.)

Dr. Catherine M. Logue, a professor at the University of Georgia, recently completed a project with a primary hypothesis that metal supplementation can impact poultry health by selecting pathogenic *E. coli* resulting in undesirable health outcomes for poultry production. Findings revealed that metal resistance is prevalent in APEC, and some metals were of greater prevalence than others. This work highlighted the need for a better understanding of specific supplements or metals in the greater context of their potential for selection or control for pathogens, such as APEC.

The research [summary](#) can be found on the USPOULTRY website. Information on other Association research may also be obtained by visiting the USPOULTRY website, [www.uspoultry.org](http://www.uspoultry.org).

**About USPOULTRY**

U.S. Poultry & Egg Association (USPOULTRY) is the All Feather Association progressively serving its poultry and egg members through research, education, communications and technical services. Founded in 1947, USPOULTRY is based in Tucker, Georgia.