



Department of Poultry Science

College of Agricultural & Environmental Sciences

UNIVERSITY OF GEORGIA

POSITION ANNOUNCEMENT

POSITION: Tenure Track Assistant/Associate/Professor of Integrative Precision Poultry Science

DESCRIPTION: The Department of Poultry Science at the University of Georgia is seeking applications for an Assistant/Associate/Full Professor of Poultry Science to complement the Integrative and Precision Agriculture initiatives across campus through collaborative research and teaching efforts. This is a nine-month, academic-year tenure track position with a 75% Research and 25% Instructional appointment. Successful applicants will be expected to establish innovative, nationally-recognized research and teaching programs. Potential research foci could include application of machine learning and data science, systems modeling, and AI-enabled decision support focused on poultry production, processing, food-safety, animal well-being and health, and other areas of critical importance to the future of the poultry industry. Outstanding candidates who can contribute significantly to the application of digital technologies, data analytics, or models to poultry systems are especially encouraged to apply. Illustrative examples of the type of expertise sought could include, but is not limited to:

- Leveraging data to better understand intervention strategies for reduction of foodborne pathogens
- Utilizing systems modeling to develop sustainability indices and strategies to minimize the environmental impact of poultry production through reducing energy and resource usage and/or improving energy efficiency within intensive operations
- Utilizing phenotypic data (e.g., quantitative well-being measures, muscle quality, disease resilience) to aide in developing processes to guide genotypic selection
- Identifying risk factors and novel disease diagnosis, prevention and/or mitigation approaches
- Developing advanced computational strategies to aide in feedstuff quality control, develop precision nutrition delivery strategies, and/or integrate poultry housing systems management

The successful candidate will be expected to develop a vigorous, high-impact, extramurally funded research program that advances subsequent poultry/avian science research, education, and poultry sector innovation. The successful candidate is also expected to extensively collaborate and work cooperatively with other scientists within the Department, College of Agricultural and Environmental Sciences, the University of Georgia, as well as other land-grant and non-land-grant Universities in the US and globally; effectively support our teaching mission at the undergraduate and graduate levels; and contribute to a diverse and inclusive environment within the university. Specific teaching assignments will be negotiated, but are expected to be commensurate with a 25% instructional appointment.

The position will be located at the University of Georgia Campus in Athens, Georgia. The University of Georgia (UGA) (www.uga.edu) is a preeminent Land Grant institution located 70 miles northeast of Atlanta with excellent opportunities for collaboration with faculty that have diverse research interests. The Department of Poultry Science has exceptional research and live bird facilities, including a hatchery, feed mill, and pilot-scale poultry processing facility. Opportunities for collaboration exist within the department and across UGA units such as ecology, engineering, veterinary and biomedical sciences, poultry health and diagnostics as well as local USDA scientists.

The University of Georgia is establishing of an Institute for Integrative Precision Agriculture (IPA) – this initiative which would formalize our IPA efforts, will bring together researchers from across UGA and partnering institutions to solve some of the pressing issues we face in agricultural production and sustainability. This position is in addition to an ongoing cluster hire to fill nine tenure-track or tenured faculty positions in the area of Integrative Precision Agriculture, as well as four focus-area tenure-track faculty. This is part of a major hiring initiative that will bring over 50 new faculty members in the broader area of Data Science and AI to the university.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.



Department of Poultry Science

College of Agricultural & Environmental Sciences

UNIVERSITY OF GEORGIA

The college of Agricultural and Environmental Sciences (CAES) at UGA is a global leader in innovation that seeks to propel the agricultural industry forward through world-class teaching, research and outreach that addresses the need for increased technology in agricultural production.

The University of Georgia is ranked as one of the top 25 universities in the world for precision agriculture research-with world-class faculty and state-of-the-art facilities, we are poised to continue this upward trajectory in precision agriculture innovation. CAES is working to foster collaboration between innovative disciplines, bringing together plant scientists, animal health experts, engineers and computer scientists to discover integrative solutions that increase production levels, promote environmental health and sustainability.

QUALIFICATIONS: Applicants must possess a Ph.D. with computational and/or artificial intelligence experience. Candidates with a demonstrated record of collaborative research, extramural grant success, program development contributions that integrate data for applied decision making, and student mentorship are preferred.

To be considered for the rank of Associate Professor, candidates should demonstrate clear and convincing evidence of emerging stature as a regional or national authority as appropriate for the position. Assessment of rank on hire for appointees will be consistent with the requirements for ranks beginning on page 21 of the UGA Guidelines for Appointment, Promotion, & Tenure (https://provost.uga.edu/resources/documents/UGA_Guidelines_for_APT_4_2017_online.pdf) and the tenure processes of the appointing department UGA P&T Criteria by Unit (https://provost.uga.edu/resources/documents/Poultry_Science_2015.pdf). To be eligible for tenure on appointment, candidates must be appointed as an Associate Professor, have been tenured at a prior institution, and bring a demonstrably national reputation to the institution. Any request for tenure upon appointment must be approved before hire.

SALARY: Commensurate with qualifications and experience.

APPLICATIONS: Applicants should submit the following documentation in electronic format at <https://www.ugajobsearch.com/postings/259565>: (1) letter of application; (2) curriculum vita; (3) Graduate School transcripts (4) a list of 3 references with contact information including email address, and (5) 1 to 2-page statements of research and teaching philosophies, including accomplishments and future goals. Applicant screening will begin immediately. To assure full consideration, applications must be received by July 15, 2022. The start date is August 1, 2022. Applications will be accepted until the position is filled. Questions regarding the position should be addressed to Dr. Todd Applegate, Department Head, applegt@uga.edu.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.