

Assistant/Associate Professor (Precision Breeding through
Genomics and Assisted Reproductive Tech)
LSU AgCenter

Direct Link: <https://www.AcademicKeys.com/r?job=252450>

Downloaded On: Aug. 23, 2025 9:15pm

Posted Jan. 30, 2025, set to expire Nov. 9, 2025

Job Title	Assistant/Associate Professor (Precision Breeding through Genomics and Assisted Reproductive Tech)
Department	East Baton Rouge Parish
Institution	LSU AgCenter Baton Rouge, Louisiana
Date Posted	Jan. 30, 2025
Application Deadline	Mar. 17, 2025
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Animal Science Animal Genomics
Apply Online Here	https://lsu.wd1.myworkdayjobs.com/LSU
Apply By Email	
Job Description	

POSITION VACANCY ANNOUNCEMENT

Work Location: LSU AgCenter, Baton Rouge, LA, 70803. LSU is designated as a land-grant, sea-grant, and space-grant institution, and boasts an R1 *very high research activity* Carnegie Classification. Core facilities include The [Louisiana Biomedical Research Network](#), [Center for Computation and Technology](#), [Genomics](#), [Shared Instrumentation](#), [Mass Spectrometry](#), and [Nuclear Magnetic Resonance Facilities](#), among many others. The [School of Animal Sciences](#) is a dynamic, collaborative, inclusive, and established department within the LSU Agricultural Center and LSU College of Agriculture. We are based in the new state-of-the-art [Animal and Food Science Laboratories](#) in the

Assistant/Associate Professor (Precision Breeding through
Genomics and Assisted Reproductive Tech)
LSU AgCenter

Direct Link: <https://www.AcademicKeys.com/r?job=252450>

Downloaded On: Aug. 23, 2025 9:15pm

Posted Jan. 30, 2025, set to expire Nov. 9, 2025

heart of the central [LSU Baton Rouge](#) campus. The School of Animal Sciences additionally facilitates the operation of centralized farm units with beef cattle, dairy cattle, horses, small ruminants, and poultry. Faculty in the School of Animal Sciences are funded through various agencies, including the NIH (NICHD, NHLBI, NIDDK, and NIGMS), USDA, as well as private foundations and intramural awards.

Position Description: The highly interactive and collaborative School of Animal Sciences at Louisiana State University (LSU) is seeking exceptional tenure-track faculty at the Assistant or Associate Professor rank in Genomics and ART. This will encompass the application of ART procedures to rapidly apply Functional Genomics to enhance productivity and health of livestock and shorten the generation interval. The ideal applicant will be interested in the development and utilization of ART procedures to apply functional genomics information to enhance animal production and health through precision breeding. This is a 12-month tenure-track position with 75% research and 25% teaching appointments.

Research: The successful applicant will be expected to develop an independent research program addressing fundamentally important challenges in agriculture and medicine. Animal agriculture disciplines may include – but are not limited – to meat science, reproductive physiology, developmental biology, nutrition and animal health. Applicable ART procedures may include – but are not limited -to In Vitro Embryo Production, Somatic Cell Nuclear Transfer, production of gametes from stem cells and sex ratio manipulation. Applicable Genomic procedures may include -but are not limited- to computational biology, bioinformatics, transgenesis and gene editing. The successful applicant will also be encouraged to participate in collaborative research within the School of Animal Sciences, wider LSU System, and beyond.

Teaching: Teaching expectations include primary responsibility for an undergraduate or graduate course revolving around their area of expertise. Moreover, the successful candidate will develop a strong graduate student mentoring program, especially at the Ph.D. level.

Qualification Requirements: The ideal applicant will have a Ph.D. and postdoctoral experience in computational biology, computer science, bioinformatics or related field, and animal science, reproductive physiology, ART or related field. They must additionally demonstrate a capacity for publishing in high-impact refereed journals, obtaining extramural research funding, participating in collaborative research projects, and effective teaching. Individuals from any social, ethnic, racial, cultural, and national backgrounds are welcome and encouraged to apply.

Salary and Benefits: Salary will be commensurate with qualifications and experience. The selected candidate will have the opportunity for supplemental salary through extramural funding. LSU offers an

Assistant/Associate Professor (Precision Breeding through
Genomics and Assisted Reproductive Tech)
LSU AgCenter

Direct Link: <https://www.AcademicKeys.com/r?job=252450>

Downloaded On: Aug. 23, 2025 9:15pm

Posted Jan. 30, 2025, set to expire Nov. 9, 2025

attractive benefits package with a wide variety of options. Benefits offered include retirement, multiple medical insurance options, supplemental insurances, university holidays, generous vacation and sick leave benefits, Employee Assistance Program, and possible educational leave and tuition exemption for coursework at campuses of the LSU System. Specific benefits depend on job category, percent effort and length of employment.

Date Available: Upon completion of the selection process.

Application Deadline: March 17, 2025, or until a suitable applicant has been identified.m

Application Procedure: Apply online at <https://lsu.wd1.myworkdayjobs.com/LSU> (or through Workday for internal applicants) by attaching a letter of application, curriculum vitae, transcripts, names and email address for three letters of recommendation, and a statement of teaching philosophy. Questions about the online system should be directed to [Human Resource Management](#). Paper, faxed or e-mailed application materials will not be accepted, except that in lieu of attaching the reference letters online, they may be sent directly to:

Dr. Philip Elzer

Director, LSU School of Animal Sciences,

Louisiana State University Agricultural Center

Baton Rouge, Louisiana 70820

Phone: 225-578-4763

Email: pelzer@agcenter.lsu.edu

Web Site: www.lsuagcenter.com

The LSU Agricultural Center is a statewide campus of the LSU System and provides equal opportunities in programs and employment. An Equal Opportunity Employer.

Contact Information

Assistant/Associate Professor (Precision Breeding through
Genomics and Assisted Reproductive Tech)
LSU AgCenter

Direct Link: <https://www.AcademicKeys.com/r?job=252450>

Downloaded On: Aug. 23, 2025 9:15pm

Posted Jan. 30, 2025, set to expire Nov. 9, 2025

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

,