

Position:

Tenure-track faculty position in placental biology with emphasis in research (primary) and teaching (secondary).

Responsibilities:

The successful candidate will develop a nationally recognized research program in the area of placental biology that addresses biological questions that pertain to agriculture, basic biology, and/or human health using mammalian systems. Individuals that incorporate domestic animal models as well as cellular, molecular, and functional genomic approaches to investigate areas including, but not limited to, fetal development, epigenetics, and/or fetal programming are especially encouraged to apply. The successful candidate will be expected to establish and maintain an energetic, well-funded research program; engage in interdisciplinary and collaborative research; teach undergraduate and graduate level courses; and advise undergraduate and graduate students.

Opportunities for collaboration exist on many levels within the department and throughout the university. State-of-the-art research infrastructure and classroom space are found in the new Creighton Hall of Animal Sciences and Land O' Lakes Center for Experiential Learning. Excellent core facilities exist on campus including genomics, bioinformatics, proteomics, and metabolite profiling centers, which are supported by high performance computing capacity.

The College:

The Department of Animal Sciences is an integral part of the College of Agriculture, one of the world's leading colleges of agricultural, food, life, and natural resource sciences and ranked eighth globally in the 2016 QS World University Rankings. The College is deeply committed to the three land-grant missions (teaching, research, and extension), to international activities and perspectives that span all missions, and to excellence in all we do. Purdue is an ADVANCE institution – www.purdue.edu/dp/advance. The College has 11 academic departments and includes 325 faculty, 2782 undergraduate students, and 690 graduate students. The College's strategic plan can be accessed at <https://ag.purdue.edu/plan/Pages/default.aspx>.

Rank and Salary:

Assistant Professor, Academic Year (9-month) appointment. Opportunities for summer salary exist. Salary will be commensurate with qualifications.

Qualifications:

Ph.D. in Animal Sciences or related field, or equivalent degree, with an emphasis in placental or uterine biology is required. Postdoctoral training is strongly preferred.

Applications:

Candidates should submit the following materials: a cover letter; detailed curriculum vitae; a one page statement outlining research programs focus and goals; a one page statement of the applicant's teaching philosophy; and the names and contact information for three individuals from which we may solicit letters of reference. The Department and College of Agriculture are committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. *Candidates should address at least one of these areas in their cover letter*, indicating their past experiences, current interests or activities, and future goals to promote a climate that values diversity and inclusion.

These materials should be sent electronically (as a single PDF file) to anscjobs@purdue.edu. A background check is required for employment in this position. Review of applications will begin December 15, 2017, and continue until the position is filled. For additional information, please contact Dr. Ryan Cabot at rcabot@purdue.edu.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.