1-year Post-doctoral Associate position in Infectious Diseases Epidemiology, Purdue University

Applications are invited for a Post-doctoral Associate position in the Infectious Diseases Epidemiology Laboratory at Purdue Veterinary Medicine. The group is headed by Dr Wendy Beauvais, who collaborates in this project with Dr Darryl Ragland at Purdue Veterinary Medicine and Dr Max Moreno from Indiana University Fairbanks School of Public Health. This team is seeking a self-motivated individual to support a funded strongly quantitative project to address swine industry concerns about influenza transmission between swine and the workforce. Applicants are invited to nurture a diverse, collaborative, supportive and productive research environment.

Salary and health insurance benefits will be provided. The position is available to start as soon as possible.

The Post-doctoral Associate will work on the following funded project: Risk assessment model to reduce bi-directional interspecies influenza transmission in an indoor hog grower unit. This project is a collaboration between the Department of Comparative Pathobiology and Department of Veterinary Clinical Sciences at Purdue Veterinary Medicine and the Department of Global Health, Indiana University Fairbanks School of Public Health.

Applicants must be able to demonstrate previous success using mathematical modelling methods and/or risk assessment and demonstrate excellent scientific writing. Previous training or experience in the US swine industry would be an advantage.

Department of Comparative Pathobiology, Purdue Veterinary Medicine

The successful candidate will work within the department of Comparative Pathobiology (https://vet.purdue.edu/cpb/teaching.php) at Purdue’s West Lafayette campus, which is home to more than 10,000 postgraduates (www.purdue.edu). Purdue University is the land-grant University of the State of Indiana. As the only College of Veterinary Medicine in the State, the College is in the unique position of conducting education, research, and outreach to fulfill the veterinary needs of the State and improve the health and well-being of animals and people. The Department of Comparative Pathobiology (CPB), housed within the Veterinary College, has a long tradition of excellence. The CPB department is dedicated to the study of disease processes at the molecular, cellular, individual, population and ecosystem levels, its impact and specific diagnosis. Various areas of expertise within the Department include infectious diseases and vaccinology, pathology, cancer biology, drug development, toxicology, animal welfare, disease diagnostics and surveillance, and human-animal interactions.

To apply:
Interested candidates should submit a CV and covering letter to Dr Wendy Beauvais, Department of Comparative Pathobiology (wbeauval@purdue.edu).
Short-listed candidates will be invited to participate in a video-conference interview consisting of a 5-minute research presentation and a standardized set of interview questions. Provisional interview dates are 20th and 21st September 2021. Applications will continue to be accepted until 10/12/2021, but those received after the review date will only be considered if the position has not yet been filled.

**Diversity Statement**

Purdue University College of Veterinary Medicine values, nurtures, and respects all members of its community and ensures an environment of inclusive excellence where all students, faculty, and staff are inspired and empowered to achieve their full potential. In order to be better informed about issues of climate, diversity and inclusion, Purdue University and Purdue Veterinary Medicine provide the opportunity for all its faculty and staff to participate in various diversity-training activities.

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