**Job Posting | University of Manitoba**

**Position Title:** Post-Doctoral Researcher

**Project Title:** Multi-Scale Spatiotemporal Analysis and Uncertainty Quantification for HPAI H5N1 Risk Assessment

**Funding Source:** CIHR Catalyst Grant: Catalyzing OneHealth Research on Avian Influenza

**Position Overview:**

We are seeking a motivated and skilled post-doctoral researcher with a strong background in biostatistics and infectious disease modeling. The successful candidate will contribute to a groundbreaking project focused on HPAI H5N1 risk assessment through multi-scale spatiotemporal analysis and uncertainty quantification. This position offers an exciting opportunity to work at the intersection of OneHealth research and advanced statistical modeling.

**Key Responsibilities:**

- Conduct spatiotemporal analysis and modeling of HPAI H5N1.

- Develop and implement uncertainty quantification methods.

- Design and manage a dashboard to visualize and communicate project results.

- Collaborate with a multidisciplinary team of researchers.

- Prepare and publish research findings in peer-reviewed journals.

**Qualifications:**

- Ph.D. in Biostatistics, Epidemiology, or a related field.

- Strong background in infectious disease modeling and statistical analysis.

- Experience with mapping and spatial analysis.

- Proficiency in R or similar statistical software.

- Excellent communication and collaborative skills.

- Demonstrated ability to publish research findings.

**Application Instructions:**

Interested candidates should submit the following documents:

1. Cover letter outlining relevant experience and research interests.

2. Curriculum vitae (CV).

3. Contact information for three references.

We will review applications as they are received and will continue the search until the position is filled.

Please send your application to Dr. Mahmoud Torabi ([Mahmoud.Torabi@umanitoba.ca](mailto:Mahmoud.Torabi@umanitoba.ca)) with subject line “Post-doc, CIHR”.