



Canada West Swine Health Intelligence Network

Manager, Veterinary Epidemiologist

Remote (Western Canada preferred) | Contract Position (Approx. 18 days/month)

The Canadian Western Swine Health Information Network (CWSHIN) is seeking a Manager, Veterinary Epidemiologist to lead its surveillance, analysis, and knowledge transfer activities. This role is ideal for a veterinarian with strong epidemiology expertise and a deep understanding of the Western Canadian swine industry.

About CWSHIN

CWSHIN is a not-for-profit organization that supports Western Canadian swine producers, veterinarians, pork organizations, and governments by delivering coordinated surveillance and actionable intelligence on swine health. The network enhances early detection of emerging issues, supports disease freedom evidence for trade, and facilitates knowledge exchange across the sector.

Key Responsibilities

Surveillance & Epidemiologic Analysis

- Conduct routine quarterly analysis of CWSHIN data repositories (Western Canadian Repository for Swine Surveillance (WeCress) and local data systems), including deeper investigation of emerging trends
- Perform ad hoc epidemiologic analyses in response to stakeholder needs or emerging issues
- Lead bi-annual surveillance analyses to validate and strengthen routine findings
- Develop and maintain disease freedom models for priority foreign animal diseases, including African swine fever (ASF) and Foot and Mouth Disease (FMD)
- Explore, assess, and integrate new data sources to enhance surveillance capacity and data quality

Data Systems & Infrastructure

- Maintain and oversee CWSHIN data systems, including
 - WeCress, CWSHIN's proprietary data base
 - Maintain and run the local repository (test environment)
- Maintain disease mapping tools, including lookup tables and classification structures
- Assign and standardize disease mapping for new and incoming data sources
- Ensure data systems support surveillance objectives and evolving network needs

Project Management & Leadership

- Provide strategic leadership and guide the ongoing development of CWSHIN
- Organize and chair key meetings, including quarterly network calls and technical group meetings
- Organize and participate in Board meetings with partner support
- Develop work plans and budgets for Board approval
- Prepare reports for funding partners
- Lead special projects, including RFP (request for proposals) development and contractor oversight
- Establish and maintain confidentiality agreements with data contributors

Communication & Knowledge Transfer

- Prepare and deliver reports, presentations, alerts, and publications
- Maintain and update website content and resources
- Collaborate with pork producer organizations for effective outreach

Stakeholder Engagement & Collaboration

- Build relationships with producers, veterinarians, labs, and government partners
- Engage stakeholders through meetings and outreach
- Collaborate with other animal health networks

Documentation & Program Integrity

- Maintain documentation for surveillance methods, data processes, and IT systems
- Ensure transparency and scientific rigour in all activities

What You Bring

Required

- Postgraduate training in epidemiology (MSc or higher)
- Quantitative and analytical skills
- Experience with complex data systems and surveillance
- Excellent written and verbal communication skills
- Strong command of written and verbal English
- Ability to work independently, lead projects, provide strategic direction and manage priorities

Preferred

- Doctor of Veterinary Medicine (DVM) or equivalent
- Strong knowledge of the Western Canadian swine production and health

Why Join CWSHIN?

- Contribute to swine health and surveillance in Western Canada
- Leadership role in a collaborative network
- Flexible remote work arrangement
- Opportunity to shape a growing surveillance network