Background
The Animal Nutrition Association of Canada (ANAC) is the national trade association of the livestock and poultry feed industry. Our 165 members include feed and ingredient manufacturers and distributors, as well as suppliers of a wide range of goods and services to the feed industry. Taken together, ANAC’s membership represents 90 percent of commercial feed manufactured in Canada.

ANAC strives to provide members with the information they need to be compliant with feed regulations. With the upcoming release of the new Feeds Regulations, feed businesses will be required to implement a preventive control plan to identify and control risks and hazards that could occur in feed. This will require that hazards unique to a facility be identified and analyzed to determine if they could pose a risk to feed safety. Many feed hazards are based on raw materials that are utilized throughout the industry. This project would provide a thorough starting point to identify hazards relevant to individual feed facilities and provide the scientific justification required for the determination of overall risk.

Scope of Work
ANAC is seeking an individual or small group of individuals to develop a tool that can assist feed manufacturers in completing their hazard analysis. The tool must:

- Include a comprehensive list of feed ingredients used in livestock species and their associated hazards (major and minor – can be grouped)
- Draw on scientific references (scientific research papers and literature review, CFIA recall information, public databases, etc.). These references should be documented for additional reference as required.
- Provide a means to translate the risks and hazards published into a quantitative or qualitative means of assessing severity and probability of risk (in both animals and humans)

The work will be done as outlined by ANAC, and the draft will be reviewed by ANAC staff before final delivery.

Deliverables
The final product should be in the form of a spreadsheet whereby an individual can evaluate the probability and severity of the hazard for animal health and human health of a feed ingredient.

Candidate Requirements
- Must be enrolled in an undergraduate or graduate program in Animal or Agricultural Science or related field at a Canadian university
- Proficient in using Excel or other spreadsheets
• Experience in conducting literature searches
• Knowledge of feed and food safety hazards
• Knowledge of feed ingredients used in feed formulations
• Interest or experience working in a feed manufacturing environment
• Ability to work independently with minimal supervision

Estimated Timeline
Beginning in the fall 2020, completed by March 2021

Estimated Renumeration
$10,00 - 15,000

Applications
All interested applicants are encouraged to apply by September 18, 2020. Please email the following documents to Sarah Hopkins (shopkins@anacan.org).
• Cover letter detailing how you meet the candidate requirements
• Resume
• Letter of recommendation from your advisor (optional)