Dalhousie University  
Faculty of Agriculture  
AGRI5710 Graduate Module Course  
Liver Health and Disease

MODULE OUTLINE

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<th>Instructor:</th>
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Schedule: One month - Winter/Summer semester 2015  
Time: Time and dates to be decided  
Location: TBA

Module Description  
This module will consist of group discussions of recent research, student presentations, and writing a mini-review paper. We will review and critique current scientific literature focusing on liver health and the physiological and molecular level manifestations of fatty liver disease in domestic animal species (mammalian, avian) and in humans and in animal models of human non-alcoholic fatty liver disease.

Requirements  
Graduate students working on projects related to animal and/or human health in the areas of liver disease, obesity, type 2 diabetes, cardiovascular disease and inflammation will be given priority. The module is capped at 5 students. Email instructor if interested.

Module Content  
The module will include 5 weekly meetings, 1.5 h each. There will be one introductory lecture. The module discussions will be based on selected key papers and will be led by the students. Each student will choose a topic of focus within their area of research. The final topic will be discussed with the course instructor at the start of the module. Each student will be required to review and critically evaluate the most recent scientific literature related to their chosen topic and will give a 30-minute oral presentation to class. A key paper related to the presentation must be shared with class in advance. The class presentations will be evaluated by the instructor and peers. The students are also required to prepare a 10-page mini-review paper on the same topic at the end of the module. Detailed guidelines for this will be provided.

Evaluation  
Participation (20%), Presentation (30%), Mini-Review Paper (50%)