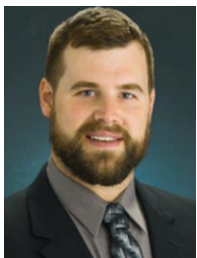


**Thursday, March 7, 2024**

11:00am–11:45am

**Jason Ridlon**

CAS Associate 2022–23, Animal Sciences

***Bacteria on Steroids***

Endocrinology has long focused on steroid biosynthesis and metabolism by host enzymes, and mode of action of steroids in various target tissues in the body. Work conducted by Jason Ridlon and his research group emphasizes that host-associated bacteria are an important component of the human endocrine system and cannot

be ignored any longer. This talk will describe evidence that bacteria inhabiting the gastrointestinal and urinary tracts generate androgens that may have health implications for hormone-dependent diseases such as prostate cancer.

Noon–12:45pm

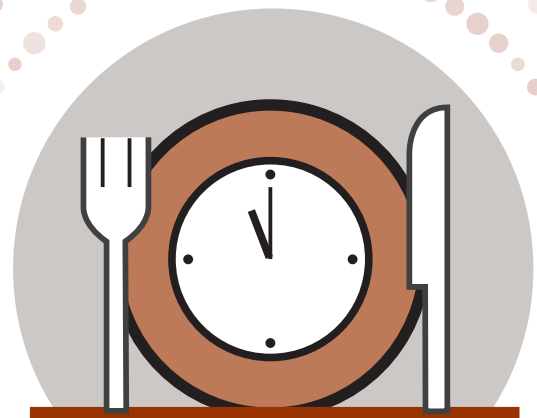
**Leona Yi-Fan Su**

CAS Beckman Fellow, 2022–23, Advertising

***Conversational Agents for Correction of Health Misinformation***

The rapid global spread of misinformation poses serious threats to public health, and the World Health Organization (WHO) has called for the development of effective tools to combat it. Chatbots for this purpose have been deployed by the WHO and other health agencies, but neither their levels of effectiveness nor

the mechanisms of their corrective effects are adequately understood. In this talk, Professor Su will present her empirical findings about how, and how well, chatbots can be used to debunk health misinformation.

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