



# CURTIS POZNIAK

## Welcome to the Future: Application of Genomics Technology to Wheat Improvement

This presentation will focus on advances in genomic resources in wheat and their application to wheat improvement programs. Emphasis will be on the application of these resources to support selection for selection of agronomic traits relevant to wheat improvement under Canadian production systems. Specifically, the presentation will focus on the development and comparative analyses of multiple wheat genome assemblies, and using these to clone novel insect resistance genes to support cultivar improvement.

**Spring 2021 PSLA**

**LECTURE**

**SERIES**

**April 19, 2021**

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**SEMINAR takes place  
live via**

**[UMD Zoom](#)**

**Time:**

**12PM**

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Dr. Curtis Pozniak is a Professor and Wheat Breeder at the University of Saskatchewan's Crop Development Centre and has been a faculty member since 2003. In July 2020 he was also named Director of the University of Saskatchewan's Crop Development Centre (CDC). He earned a Bachelor of Science in Agriculture (BSA) in 1999 and a PhD in plant genetics and breeding in 2002 from the University of Saskatchewan. He is the lead scientist responsible for the durum wheat breeding at the CDC and he leads two large scale multi-million dollar national genomic research programs designed to advance wheat genomic technologies. He has released 18 wheat cultivars since 2005 and has published over 160 peer-reviewed publications related to wheat and wheat improvement.