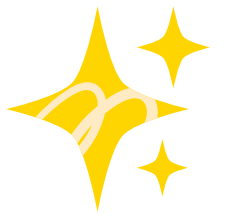
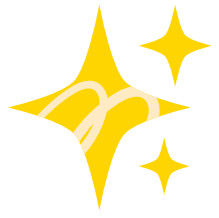


# PARTICIPATE IN SIMULATED FARM WORK FOR RESEARCH!



## Evaluating Neuromuscular Fatigue and Upper Body Kinematics During Simulated Farm Work

Does whole-body vibration increase upper-body muscle fatigue, high-risk postures, and reduce task performance?

### RECRUITING TWO GROUPS: AGES 18+ WITH A VALID DRIVERS LICENSE



**Farmers:** Those who operate agricultural machinery



**Non-farmers:** Those who don't operate agricultural machinery

Receive an honorarium as a thank-you for participation



Ride a full-size tractor simulator and play *Farming Simulator* video game!



Perform farm-specific physical tasks



Measure posture using Inertial Measurement Units (IMU's)



Measure muscular activity with surface electromyography sensors (sEMG)

Contact Student Researcher Sara Sagen via email ([sjs564@usask.ca](mailto:sjs564@usask.ca))  
Or Principal Investigator, Dr. Angelica Lang ([angelica.lang@usask.ca](mailto:angelica.lang@usask.ca)) if you are interested in participating!

This study has been approved by the University of Saskatchewan Biomedical Research Ethics Board

