







































# Conclusion

**Multiple short-term visit fluxes averaged over 14 days, with 20+ visit fluxes per animal and 28+ animals per group,**

- **produced moderate repeatability for CH<sub>4</sub> and CO<sub>2</sub> emissions,**
- **moderate to high correlations with DMI, and**
- **may consistently represent individual animal CH<sub>4</sub> and CO<sub>2</sub> emissions, and to a lesser extent, yield.**

**However, different production environments (i.e., grazing, feedlot) will likely require different GEM sampling intensities.**