



**Joy M. Agnew, P.Eng.**

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## *ENGINEERS CANADA - MANULIFE FINANCIAL SCHOLARSHIPS*

**A**fter earning an undergraduate degree in agricultural engineering, Joy obtained a master's in compost engineering. Now a PhD candidate at the University of Saskatchewan, Joy is focusing on greenhouse gas and odour emissions from solid and liquid manure using surface and sub-surface application methods.

Joy hopes to bridge the gap between food producers and the general public concerning livestock issues, and to develop a more complete understanding of the impact of manure application on the environment. Her goals include providing a more complete picture of the contribution of livestock facilities to national greenhouse gas emissions, and establishing safe distance guidelines for manure applications.