## Kate Gregory Department of Mathematical Statistical Sciences, University of Alberta kgregory@ualberta.ca

University of Alberta - BSc Math (Spec.) 2002-2007 University of Alberta - MSc Applied Math (Fluid Dynamics) 2007 - present

My current research is studying the properties of internal gravity waves passing through a mixed region within a stratified fluid. Rigorously, I will be calculating the amplitude of the waves after they have passed through the mixed region.

I look forward to attending this summer school so that I can learn more about other areas of applied math.

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