**AILANA FRASER**, University of British Columbia, Department of Mathematics, Vancouver, BC V6T 1Z2 *Stable minimal surfaces* 

It is well known that a complex submanifold of a Kähler manifold must minimize volume in its homology class. Conversely, when is an even dimensional volume minimizing submanifold of a Kähler manifold holomorphic? In this talk I will survey some of what is known about when stable minimal surfaces are holomorphic.