

Professor Helen Fricker awarded the 2010 Martha T Muse Prize for Science and Policy in Antarctica

An outstanding glaciologist, Associate Prof. Helen Fricker from Scripps Institution of Oceanography of the University of California-San Diego has been awarded the prestigious 2010 Martha T. Muse Prize for Science and Policy in Antarctica (www.museprize.org). Professor Fricker is widely recognized for her discovery of active subglacial lakes, and she has shown that these lakes form dynamic hydrologic systems, where one lake can drain into another in a short period of time. She is also known for her innovative research into Antarctic ice shelf mass budget processes such as iceberg calving and basal melting and freezing. The Selection Committee of leading Antarctic scientists and policy makers cited her leadership in the application of remote sensing techniques using laser altimetry to detect current changes in the Antarctic ice sheet in response to rising sea level and climate variability and her individual activities promoting educational outreach about ice sheets of Antarctica.

Professor Fricker will be awarded the Prize and deliver the Muse Lecture at the American Geophysical Union meeting to be held in San Francisco in December 2010.