

Ray Y Gildea Jr Award

**Royal
Geographical
Society**

with IBG

Advancing geography
and geographical learning

Year: 2009

Principal Investigator: Nicola Rowland

School: The John of Gaunt School, Wiltshire

Project Title: A Virtual Journey across Greenland

Abstract: This project aims to inspire and create a sense of curiosity in geography students by demonstrating live science whilst crossing the Greenland Icecap with dog teams. It aims to make polar science more accessible and real in the classroom as well as creating a unique opportunity to explore cultural diversities and the interrelationship between culture and environment. The project will allow students to interact with the expedition through GIS and by an exchange of cultural video diaries with their peer groups in Greenland. This communication would be ongoing after the expedition benefiting students in both countries.

Year: 2008

Principal Investigator: Monica Biagioli, University of the Arts London

Project Title: There are the Echoes

Abstract:

The Olympics are coming to London in 2012 and already the sites programmed for this global event are being transformed beyond recognition. The main theme for this project was sound as cartography—a record of echoes left in the main site as building is starting to take place in Stratford (the main site for London 2012). The main objective was for teams of mentors and students to map the space by visiting the site around the construction and gathering materials both visual and sound-based to create visual maps and soundscapes. Embedded in that objective was to create a record of a site in transition—one that in five years will look and feel totally different— and to preserve some of the current mapping of that space before its transformation is completed.

Year: 2007

Principal Investigator: Ruth Hollinger, Tapton School, Sheffield

Project Title: A virtual fieldtrip to discover Union Glacier in Antarctica

Abstract:

This project aimed to create a virtual fieldtrip experience for students to Union Glacier, Antarctica. As part of a wider expedition to Antarctica in 2007, this research projects had two main aims: 1.) to measure the ecological footprint of the expedition (FFAE); and 2.) Map cryoconite holes on Union Glacier. This involved a mapping of the distribution of cryoconite holes and investigating the physical and chemical characteristics of cryoconite holes, comparing characteristics of the cryoconite holes with other studies.

Year: 2006

Principal Investigator: Dr Rupert Perkins, Cardiff University

Project Title: Interactive live video imaging of Mediterranean conservation work through internet e-learning

Abstract:

This project used three low light 'wifi' cameras to image aspects of live marine conservation work in the Greek Aegean, for use within the Marine Geography degree scheme at Cardiff University. This project provided students with live examples of conservation in action.