

HOT TOPICS

Come and here about exciting work being carried out by Dunedin researchers.

10 June Prof Neil Gemmell Professor of Anatomy University of Otago

Mother's Curse to Trojan Females – understanding and using mtDNA mutations

Pests cause or carry disease, damage or consume valued resources, and drive global change. This talk will outline an innovative biocontrol approach for their management – the “Trojan Female Technique”, which is based on the premise of releasing females that carry mutations on the maternally inherited mitochondrial DNA that are bad for males, but harmless or even advantageous for females

17 June Prof Richard Walter Professor of Archaeology University of Otago

New models for the colonisation of Aoteroa

When was New Zealand settled, where did the settlers come from, how did they get here and how did they survive in the new land. Archaeological data now requires us to look again at Maori oral history and tradition to answer these questions. Prof Walter will discuss the last few decades of archaeological investigation into New Zealand settlement and put forward a new model for the Polynesian colonisation of Aotearoa.

24 June Eva Gluyas Manager Innovation Workspace Otago Polytechnic

Transforming Business through Disruptive Intervention

The landscape of doing business is undergoing dynamic and irrevocable change. We are at last beginning to understand that models of business behaviors which have evolved from the industrial revolution. Through stories, and examples of best and worst practice the speaker will illustrate why we need to embrace change and join the revolution

1 July Prof R Blaikie Professor of Physics, DVC (Research), University of Otago

Seeing the Worlds Within-Optics and Microscopy through the Ages

What we can see is limited by the resolving power of your eyes—or is it? The worlds within our cells and the other microscopic objects around us can now be revealed with fantastic resolution by powerful microscopes. The history and development and current Otago research of these instruments will be discussed, including the development of new techniques to allow us to see, sense and make things at ever smaller scales.

8 July Prof E Fordyce Professor of Geology, University of Otago

Discoveries at Otago and their implications for the origins of modern species

New Zealand is a rosetta stone for understanding the last 85+ million years of marine fossil history for the temperate Southern Hemisphere. Significant fossils include large bony fish,

sharks, turtles, penguins, whales and dolphins. Discoveries at Otago have implications for the origins of modern species especially in light of changing physical environments.

15 July Assoc Prof Parry Guilford Research Director Pacific Edge

Cancer Treatment and diagnosis

The speakers will talk about some of the latest work at Otago in cancer treatment and diagnosis.