

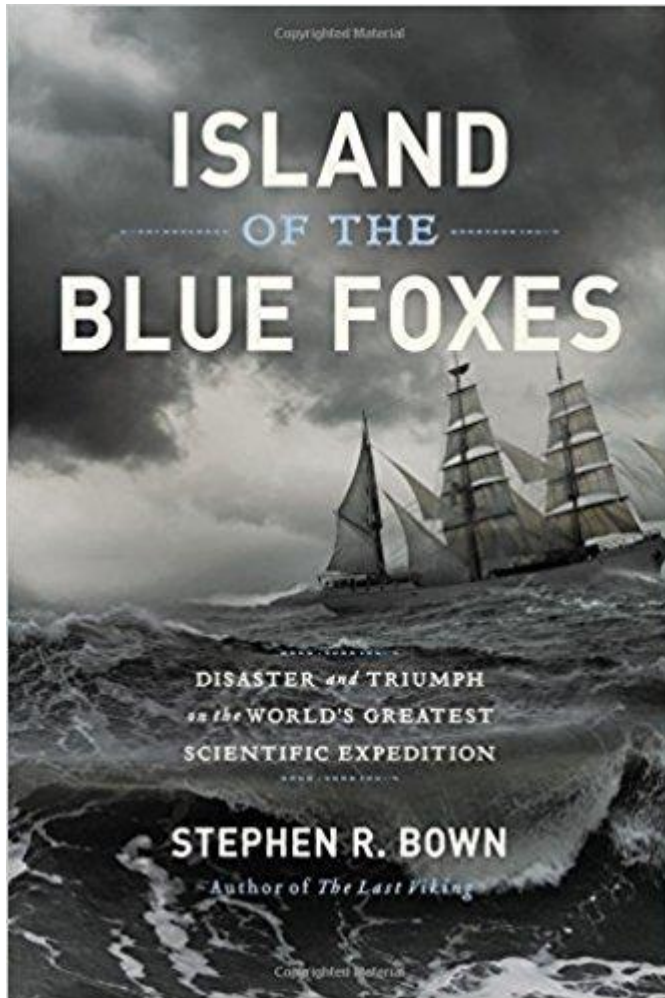
Professor Merryn Tawhai - The benefits of bioengineering

2016 MacDiarmid Medal winner and newly appointed Director of MedTech Core, Professor Merryn Tawhai explains how a fascination with mathematics and biology has led her to developing technology for healthcare, and why New Zealand has the capability to become a world leader in this market.

Merryn Tawhai graduated from the University of Auckland with a PhD in Engineering Science in 2001. At the Auckland Bioengineering Institute Merryn has established a research programme in applied computational physiology of the lung. She was the inaugural Maurice Paykel Postdoctoral Fellow and has been a recipient of RSNZ Marsden, National Institutes of Health, Health Research Council of New Zealand, and MBIE grants.

My research is focused on the development of integrative computational models of the pulmonary system and their application in understanding structure-function interactions in normal physiology and in the pathophysiology of pulmonary disease. I have particular interest in the application of computational modelling to improving clinical diagnosis and monitoring of pulmonary disease, particularly in the older lung.

ROTORUA | Scion, Rimu Conference Room, Tuesday 17 April, 6pm



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