

EHEDG NZ Committee Member Profile.



Name: Brent Young (Professor)
Company: The University of Auckland
Position: Professor and Chair of Food & Process Systems Engineering
Location: Auckland
Committee Role: General Member (Academic Sector)

Biography:

Professor Brent Young is a full Professor and Chair of Food and Process Systems Engineering at The University of Auckland.

Brent is also the Chair of the Food and Health Programme at the University and Director of the Industrial Information and Control Centre.

Previously he was Head of Department of Chemical and Materials Engineering for two consecutive terms from 2012 to 2018.



Brent has a BE and PhD in Chemical and Process Engineering from the University of Canterbury and 30+ years postgraduate experience in academia and consulting in Australia, Canada and NZ. A Fellow of the Institution of Chemical Engineers UK and Engineering NZ he was the recipient of the 2014 Australasian Award of Excellence in Chemical Engineering (Teaching).

His research and teaching experience and expertise centres on two major areas: 1) process modelling, simulation and control and 2) process development and design, with process and food applications. He has published more than 300 refereed publications and is a co-author of two teaching texts in process control.

Brent, and his colleague Associate Professor Meng Wai Woo are working towards introducing a 'Hygienic Design' module into the curriculum for the Food & Process Engineering Degree.

August 2025