

Meet our experts



DR ANDREW ADAMS

is Director of the Centre for Finance and Investment; Associate of the Institute of Actuaries since 1982; experience in insurance, investment analysis and institutional sales with an investment bank; joined Heriot-Watt University from the University of Edinburgh in 2010; author of four books and over 25 research articles; awarded the inaugural Peter Clark Prize for Best Paper by the Institute of Actuaries in 2008.



ANDREW CAIRNS

is Professor of Financial Mathematics, a Fellow of the Faculty of Actuaries (1993) and a corresponding member of the Swiss Association of Actuaries. He is internationally renowned for his research and leadership in the field of quantitative risk management, particularly in the areas of pension-plan asset-liability modelling, and modelling and management of longevity risk. He played a key role in the development of the international CERA qualification (enterprise risk management) and its UK equivalent. He is Editor-in-Chief of ASTIN Bulletin – The Journal of the International Actuarial Association (IAA), and is a committee member of the ASTIN and AFIR Sections of the IAA. He gives regular invited talks around the world and is an adviser on longevity risk to the OECD.



DR TIM JOHNSON

joined Heriot-Watt in 2006 as the UK Research Council's Academic Fellow in Financial Mathematics. In the aftermath of the Crisis of 2008, Dr Johnson took a leading role in explaining the role of mathematics in the financial markets, appearing on TV, radio and in the press. He co-ordinated a number of submissions from the financial mathematics research community to the Science Minister, Chief Scientific Advisor to HM Government and the Financial Services Authority.



ANGUS MACDONALD

is Professor of Actuarial Mathematics and Head of the Department. He has been a Fellow of the Faculty of Actuaries since 1984, serving on Council from 1998-2007, and worked as an actuary in life insurance before joining Heriot-Watt University. He is Director of the Genetics and Insurance Research Centre; Editor of Annals of Actuarial Science; and author of over 45 research articles and many other works, presented widely internationally. He was awarded the David Garrick Halmstad Prize in 2005. He has taught in China, Russia and Eastern Europe.



ALEXANDER MCNEIL

is Professor and Director of the Scottish Financial Risk Academy. He is joint author of the book "Quantitative Risk Management: Concepts, Techniques and Tools", published by Princeton University Press in 2005. Interests lie in the development of mathematical and statistical methodology for integrated financial risk management and include extreme value theory (EVT), risk theory, financial time series analysis and the modelling of correlated risks. Professor McNeil is an honorary Fellow of the Faculty of Actuaries and a corresponding member of the Swiss Association of Actuaries.