



Society of Actuaries in Ireland

## “Annual Convention”

2<sup>nd</sup> June 2016

### Biographical details of speakers

#### ***Crevan Begley***

Crevan is a manager based in London and is responsible for the development of strategic investment advice and thought leadership. Crevan is a Fellow of the Institute of Actuaries, a Fellow of the Society of Actuaries in Ireland and holds a first class degree in electrical engineering from University College Dublin.

Prior to joining Russell Investments, Crevan worked as a senior portfolio manager with the Central Bank of Ireland, where he managed a €10bn mark-to-market fixed income portfolio. Prior to the Central Bank of Ireland he worked at Willis Global Risk Services as an actuarial consultant. Crevan started his career with Intel Corporation as an electronic engineer.

#### ***TJ Bourke***

TJ is a senior actuarial advisor within the general insurance actuarial team. Prior to joining the Central Bank of Ireland, he spent twelve years with Travelers Insurance in a breadth of product, pricing and actuarial roles supporting commercial and personal lines business. He managed the Ireland actuarial team before setting up and managing Travelers Personal Lines Product and Pricing division. Following Travelers' exit from Ireland Personal Lines in 2011, TJ joined its International Small Commercial team with responsibility for the development of product and pricing capabilities across its international small commercial businesses. This involved managing, and providing internal consulting support, on pricing projects in Ireland, the U.K. and Canada.

Prior to Travelers, TJ spent a brief time consulting with Trowbridge Deloitte, Sydney. He began his actuarial career with NIG/Churchill (now RBS) in London in a variety of reserving and pricing roles. TJ graduated from U.C.D. with B.A.F.S. degree in 1997 and from Smurfit Graduate Business School with M.B.A. in 2013.

#### ***Keith Burns***

Keith is a senior consultant and account director with Willis Towers Watson. He has over 20 years' experience in actuarial and pension consulting advising trustees and corporates in relation to their occupational pension schemes. Keith is a former Hon. Secretary and Council member of the Society of Actuaries in Ireland (SAI). He is also a former Chairman of Pensions Committee of the SAI.



## **Society of Actuaries in Ireland**

### ***Conor Byrne***

Conor is an experienced life actuary with over 25 years' experience in life insurance across Ireland & Europe. He is currently studying for a Masters in Data Analytics and is a member of the SAI Wider Fields Committee which has an active sub-committee focusing on data analytics and how actuaries can develop and learn from developments in this area. He is also a member of the new Modelling, Analytics and Insights from Data Working Party being run by the Institute of Actuaries.

### ***Mark Chisholm***

Mark is a Business Data Scientist with XL Catlin and has 10 years of experience in different pricing roles in the US and UK. His background is in helping underwriters at property & casualty insurers use data to determine prices for their policies and better understand the risk characteristics of their insureds.

### ***Michael Crawford***

Michael is co-founder of financial services data science consultancy, Applied AI. Originally trained as an actuary, Michael worked exclusively in IT managing and building both financial and actuarial systems. Recognising the rapid progress being made in the capabilities of both hardware and software, Applied AI was founded to apply machine learning techniques to the insurance industry.

### ***Niall Fitzgerald***

Niall is Business Development Director - Pensions with Zurich Life Assurance plc. He has held a number of market facing roles during his 14 years with Zurich. Prior to this Niall worked with Allied Insurance Consultants Ltd as a Senior Pensions Consultant and previously with Irish Life.

### ***Eamon Howlin***

Eamon is a senior manager in Deloitte's Actuarial, Rewards & Analytics team. He joined Deloitte in 2015 after 12 years' in the Irish non-life insurance industry; mainly in the field of capital modelling. His current role involves claims analyses for both audit clients and statement of actuarial opinions, Solvency II support and pricing support / reviews for a number of clients. He is a Fellow of the Society of Actuaries in Ireland and qualified as a Fellow of the Institute and Faculty of Actuaries in 2008.



## Society of Actuaries in Ireland

### ***Alexis Iglauer***

Alexis is head of Life Solutions - Group, which means he is responsible for the development of the PartnerRe Life's Group Employee Benefits proposition - which has data analytics as one of its core value-adds. Previously, Alexis was part of PartnerRe's business development team for protection and longevity business in both Ireland and the UK. Born and raised in South Africa, Alexis completed his actuarial degree in Pretoria and then moved first to London, then Hamburg and Cologne before joining PartnerRe in Zurich in 2005.

### ***Sinéad Kiernan***

Sinéad leads Deloitte's Non-Life Actuarial, Rewards & Analytics practice in Ireland, providing advice to domestic and international insurers. Sinead's areas of interest include Solvency II, risk management and claims reserving and she holds a number of Head of Actuarial Function roles. Prior to joining Deloitte, Sinéad worked for over ten years in the international reinsurance industry and for several years in the credit insurance and financial guarantee sectors. She has had roles on senior management teams of local and international insurance companies, reporting to the board on actuarial, risk and business matters. Sinéad speaks regularly at industry events on a wide variety of insurance topics. Sinéad is a member of the Society's General Insurance Committee and was a member of the Society's Council until 2015.

### ***Jamie Leitch***

Jamie is Head of Strategic Initiatives and member of the management team at SCOR Global Life UK. He is responsible for leading new reinsurance ventures, exploring opportunities and broadening our actuarial analysis work with the aim of enhancing our relationships with clients and delivering improved financial returns. He qualified as an actuary in 2002 and, previous to SCOR, worked in the protection pricing/product development teams at Scottish Provident (including a brief secondment in Dublin!) and Standard Life. Jamie Moved to join SCOR in 2007 and became Head of Pricing in 2009 before taking on his current role in October 2013. He is a member of the CMI Assurances committee since 2009.

### ***Carol Lynch***

Carol is a director in the Financial Services Group of Deloitte in Dublin, and specialises in the provision of assurance and advisory services to clients in the insurance sector. She has been with the firm for fourteen years and has wide ranging experience in risk, advisory, accounting, and audit services. Carol has recently supported Pillar 3 projects and performed Solvency II balance sheet reviews for a number of Irish insurers.



## Society of Actuaries in Ireland

### ***Sarah MacDonnell***

Sarah has over 20 years' actuarial experience in general insurance. She started her career working for General Accident in Hong Kong but has spent most of her time as a consultant, first with Towers Watson, and then with LCP since 2013.

Sarah is active in the Institute and Faculty of Actuaries (IFoA). She has been a core member of the PPO working party since its inception in 2010, and has spoken and written widely on the subject of PPOs. She is also deputy chair of GIROC – the committee responsible for oversight of GI reserving in the UK, and is chair of the Measuring Uncertainty Qualitatively working party.

### ***Gavin Maguire***

Gavin is a Marketing Actuary at SCOR Global Life UK. Previous to SCOR he was Product and Pricing Manager at Irish Life having joined them in 2007 and qualified as an Actuary in 2011. Gavin moved to join SCOR in London in 2015 as a Senior Pricing Actuary before moving to his current role where he is responsible for individual client management in both the UK and Ireland. Gavin holds a degree in Financial and Actuarial Mathematics from DCU.

### ***Gráinne McGuire***

Gráinne is an actuary with the Australian actuarial consultancy Taylor Fry, with over 12 years' experience. She has specialised in the use of statistical models for claim modelling and loss reserving and has co-authored a number of papers on various topics in loss reserving including the use of GLMs, bootstrapping and automatic reserving methods. In the last few years, she has been a member of the Taylor Fry team carrying out the actuarial valuation of the New Zealand social welfare scheme which plays an important role in the management of social welfare liabilities within New Zealand.

### ***Murray McLaren***

Murray is a tax director in Deloitte UK with over 15 years' experience in insurance tax. Murray has designed and implemented tax methodologies for both UK based and international insurers for Solvency II, including providing technical support to internal model companies.

### ***Angela McNally***

Angela is a senior manager in Deloitte, with over 15 years' experience in the life insurance market. Angela leads the actuarial elements of the audit of a number of life insurers. In addition to her audit work, Angela has been involved in a wide range of projects, including Solvency II peer reviews, reviews of governance, reserves and MCEV, and Solvency II related projects.



## Society of Actuaries in Ireland

### ***Patrick Meghen***

Patrick is a Consulting Actuary with Milliman, where he has worked since 2010. He has extensive knowledge of Solvency II implementation, particularly for the Life Insurance industry. Patrick has a strong background in Enterprise Risk Management having attained the CERA qualification and advised a number of companies on risk management practices, operational risk and pillar II implementation. He is regularly involved in various Working Parties of both the Society of Actuaries in Ireland and the Institute & Faculty of Actuaries, and currently sits on the Institute & Faculty of Actuaries Cyber Risk Working Party.

### ***Ross Mitchell***

Ross is a Corporate Distribution Manager with Zurich Life Assurance plc responsible for managing key relationships with employee benefit consultancies and developing employee benefit solutions for customers. He is a qualified actuary with an Executive MBA from UCD Michael Smurfit Graduate School of Business and previously worked for Towers Watson and Mercer.

### ***Colin Murphy***

Colin is a Fellow of the Society of Actuaries in Ireland with over 9 years of experience in the life insurance sector. Colin joined Deloitte in 2012, and is a senior manager in its Actuarial, Rewards and Analytics department. Colin started his career in Aviva, where he performed a number of roles, in the Irish insurance entity, European hub and Reinsurance division.

Colin is an active member of the Society's demography committee and recently presented on the topic of "The Impact of the 2009/2010 European Debt Crisis on Mortality Trends". He was also a member of the committee on the treatment of Italian tax under Solvency II.

### ***Kevin Murphy***

Kevin retired as the Group Chief Executive of Irish Life in 2013 and currently sits on the boards of a range of financial services companies in Ireland and UK as a chairman and as an independent non-executive director. He was previously President of the Society of Actuaries in Ireland in 2009/2010.

### ***Maaz Mushir***

Maaz is an Actuary and CERA with 12 years of experience in Life Insurance and Actuarial Consulting. Since joining Deloitte in 2012, Maaz has primarily focussed on advising UK and Irish insurers in implementing their Solvency II projects across all three Pillars. Over the last two years, Maaz has supported a number of insurers in Ireland to prepare and comply with the Pillar 3 requirements of Solvency II.



## **Society of Actuaries in Ireland**

### ***Padraic O'Malley***

Padraic is a Principal with the Dublin office of Milliman, which he joined in 2002. He has worked extensively on risk management and Solvency II and acts as CRO and HoAF for a number of insurance and reinsurance companies. Padraic is a member of Council with the Society of Actuaries in Ireland and is a former chair of the Society's ERM committee.

### ***Eamonn Phelan***

Eamonn is a Principal with Milliman, where he has worked since 2007. Prior to this, he held actuarial roles in mature and start-up organisations, operating both in the domestic and cross border life assurance markets. He holds a number of Head of Actuarial Function roles under Solvency II, and is involved in a wide range of actuarial and risk management work. He is a former chairman of the ERM Committee of the Society of Actuaries in Ireland and is regularly involved in various Working Parties of both the Society of Actuaries in Ireland and the Institute & Faculty of Actuaries. Eamonn has extensive experience of Solvency II implementation for life insurance undertakings, together with a strong background in enterprise risk management.

### ***Nathan Powell***

Nathan is a tax director in Deloitte UK and has worked with a broad range of insurers advising on tax in the Solvency II base balance sheet and SCR. He was a member of an ABI group with engaged with the PRA on Solvency II tax matters in 2015.

### ***Stuart Redmond***

Stuart is a consulting actuary and Senior Manager with Deloitte's Actuarial, Rewards and Analytics practice in Dublin. He has over 10 years of experience in the life assurance industry in Ireland. Prior to joining Deloitte, Stuart worked in a variety of roles with Irish Life Assurance primarily focused on investment and product design work. Stuart is a member of the Society of Actuaries in Ireland Finance and Investment Committee and a regular speaker at Society events. He is also a Chartered Financial Analyst (CFA).

### ***Ciara Regan***

Ciara leads Deloitte Ireland's life actuarial practice. Ciara is responsible for developing and delivering actuarial, analytics and other related services to the life sector, with over 20 years of experience across life assurance, reinsurance and consulting. She is a Fellow of the Society of Actuaries in Ireland and a Chartered Director with the Institute of Directors.



## **Society of Actuaries in Ireland**

### ***Padraic Sheerin***

Padraic is vice president, data analytics in Prudential's U.S. Customer Office. He is responsible for leading data science initiatives for the Individual Life Insurance business and leading the data science group in Prudential's wholly-owned subsidiary, Pramerica, based in Letterkenny, Ireland.

Padraic joined Prudential in 2014 and is currently leading two initiatives; the first is focused on improving the retention & profitability of Term Life customers by building predictive models to quantify consumer lapse behaviour and the second is using machine learning algorithms to predict a customer's underwriting risk using limited application data and third-party data, with a goal to mitigate the requirement for medical exams, fluids and many questions during the underwriting process.

Padraic previously lead a predictive analytics group for P&C Insurer, Allstate, where as a data scientist his focus was on advanced analytics projects across the areas of pricing, risk selection, credit scoring, fraud detection, consumer demand modelling & optimization of distribution footprints.

Padraic is a Mathematics & Statistics graduate from Queen's University, Belfast. He is a patent holder and a previous winner of Belfast Telegraph Young Business Person of the Year.

### ***Nick Spencer***

Nick is a director based in London with over 20 years industry experience roughly equally split between asset managers and advisors. He has work with a wide range of European and Middle Eastern clients. Nick focuses on our UK large market clients helping them access the best of Russell's expertise and experience. He joined Russell's London Office in 2011 and is a member of the EMEA Regional Asset Allocation Committee. Nick is also a Fellow of the Institute of Actuaries and holds a first class degree in mathematics from Cambridge University

### ***Dr Virginia Stewart***

Dr. Virginia is a lecturer of Business & Society at the Michael Smurfit Graduate Business School. She earned a doctorate in Business Administration from the University of North Carolina at Chapel Hill and conducts research on team dynamics, behavioural ethics, and employee attachment to an employer.



## **Society of Actuaries in Ireland**

### ***Grace von Offenberg Sweeney***

Grace was appointed Deputy Head for Actuarial within the Insurance Directorate of the Central Bank of Ireland in June 2014. Grace is responsible for all aspects of actuarial supervisory engagements for Domestic and International Insurers and Reinsurers regulated by the Central Bank of Ireland.

She is a General Insurance Actuary with more than 10 years industry experience, she joined the Bank in 2013. Since qualifying as a General Insurance Actuary she has been involved in a wide a variety of actuarial and management roles. Grace held a roles including Head of Finance Aviva Europe, Head of Internal Audit Aviva Group Ireland, Investment Actuary Aviva Group Ireland and Pricing Actuary Hibernian General Insurance. She is a Fellow of the Society of Actuaries in Ireland and has earned a MSc in Actuarial and Mathematical Studies from the University of Southampton, UK.