

# Mortality and Longevity - Making Financial Sense of the Highly Uncertain

One-Day Seminars

Tuesday 8 April 2008, Apex International, Edinburgh  
Tuesday 15 April 2008, One Birdcage Walk, Westminster London

## Provisional Programme

A Joint Pensions Practice and Life Practice Area CPD Event

### Why Attend?

This seminar will provide an update for pensions and life actuaries on the latest developments in mortality as they relate to the pensions and life world. Speakers will discuss the latest developments in analysing and projecting mortality trends; and in particular understanding, communicating and managing the inherent uncertainty surrounding life expectancy.

### Who Should Attend?

This seminar is aimed at all actuaries in the life and pensions industries. The topics covered are of direct interest to those who are already familiar with mortality issues and wish to be kept up to date with the latest thinking, but will also appeal more broadly to those actuaries who need to develop an appreciation of the current trends and analysis of mortality.

### 08.30- 09.15 Technical Pre-session (Subject to Demand)

A technical session recapping material delegates may find of use in advance of the main programme. Provisional contents:

- CMI projections library
- Sources of mortality data

This session will be subject to there being sufficient demand from delegates. Confirmation will be emailed to delegates interested in attending, at least two weeks prior to the seminar.

### 09.00 Registration & Coffee

### 09.30 Chairman's Welcome

*Steven Baxter, Hymans Robertson*

### 09.40 Recent Experience

Update on the latest work of CMI

*Edinburgh: Andrew Gaches, CMI SAPS Committee*  
*London: Nigel Bodie, CMI SAPS Committee*

### 10.20 Knowing your Portfolio

What can you tell about life expectancy from where someone lives?

*Edinburgh: Stephen Richards, Richards Consulting*  
*London: Adrian Pinington, TSAP Consulting*

### 11.00 Morning Coffee

### 11.20 Projection Methodologies

Cairns-Blake-Down Model

*Prof. D. Blake, CASS Business School & Prof. A. Cairns, Heriot Watt University*

Extensions to the Lee-Carter model

*Prof. S. Haberman (London only) & A. Renshaw, CASS Business School*

### 12.40 Lunch

### 13.30 What Might the Future Hold?

The ageing process and the prospects for prolonging life expectancy.

*Edinburgh: Prof. Thomas Kirkwood, University of Newcastle*

*London: Dr David Gems, University College London*

### 14.30 Standards for Mortality Assumptions

View of the Board for Actuarial Standards

*Louise Pryor, Board of Actuarial Standards*

### 15.10 Afternoon Tea

### 15.30 Managing the Uncertainty

Alternatives to traditional buyout

*Edinburgh: Martin Potter, Hymans Robertson*

*London: Paul Jayson, Barnett Waddingham*

The role of longevity indices and mortality derivatives.

*Guy Coughlan, JP Morgan*

Panel discussion with above speakers

### 16.50 Chairman's Closing Remarks

# Mortality and Longevity

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### APPLICATION FORM

Surname: \_\_\_\_\_ Initials: \_\_\_\_\_ ARN No: \_\_\_\_\_

Title (Dr/Mr/Ms/Mrs): \_\_\_\_\_ Forename(s): \_\_\_\_\_

First Name for Badge: \_\_\_\_\_

Dietary Requirements: \_\_\_\_\_

Company: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

E-mail: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Do you require any facilities for the disabled? If yes, please specify: \_\_\_\_\_

#### Location:

8 April, Apex International, Edinburgh  15 April, One Birdcage Walk, London

I would like to attend the Technical Pre-Session:  Yes  No

**Delegate Fee:** (includes refreshments, lunch and access to speakers' presentations):

£295.00 members  £395.00 non-members

A late booking fee of £50 will be applied to all bookings received less than two weeks before the event.

For information on group discounts for six or more attendees from the same company please telephone Rachel Smith on +44(0)20 7632 1470.

#### Payment:

- Cheque (please make cheques payable to the 'Institute of Actuaries')
- BACS (bank sort code: 56-00-20, A/C 08671990. Please quote the invoice number and your ARN on your remittance and fax to Finance on +44 (0)20 7632 2171.)
- Credit card: I shall register and pay for my place online, using this link:

<http://wam.actuaries.org.uk/wam/confBooking.exe>

There is no need to return this form if you are registering online.

**If you wish to attend:** Please complete this application form and return by the closing date of 18 March for the Edinburgh seminar and 25 March for the London seminar to:

Events Management Division, The Actuarial Profession, Staple Inn Hall, High Holborn, London, UK, WC1V 7QJ. Tel: +44 (0)20 7632 1470 Fax: +44 (0)20 7632 2141

Please tick this box  if you do not wish your details to be included on to the delegate list.

For office use:

JEVPC080410, Edinburgh  
JEVPC080417, London

#### Continuing Professional Development –

**CPD:** Members of The Actuarial Profession may find the seminar a useful contribution to their personal professional development.

The amount of hours recorded is left to the discretion of the individual.

Technical 5.75

Professional 0

Other 0

The seminar is also eligible for CPD accreditation by the PMI. A maximum of 7.75 hours may be counted.

**Cancellation:** Cancellation of a confirmed place must be notified in writing and will be subject to an administrative charge of £59. There will be no refunds for cancellations advised less than two weeks before the events.

### DIARY DATES:

#### INVESTMENT STRATEGY FOR PENSIONS ACTUARIES

11 April 2008, London  
Conrad Dublin

#### CURRENT ISSUES IN LIFE ASSURANCE

30 May 2008, London

#### LEGAL PRINCIPLES WORKSHOPS

5 March & 28 June 2008, London

#### BUSINESS PRINCIPLES

9 April 2008, London

#### PENSIONS CONVENTION

4-6 June 2008  
Hotel Europe, Killarney

#### LIFE CONVENTION

9-11 November 2008  
RAI Convention Centre, Amsterdam

E-mail [conference@actuaries.org.uk](mailto:conference@actuaries.org.uk)