



# Reading List

# **Actuarial Education and Profession**

## **2011-2012**

Institute and Faculty of Actuaries

December 2012

Compiled by Scott McLachlan



# INSTITUTE AND FACULTY OF ACTUARIES

## LIBRARY SERVICES

Napier House  
4 Worcester Street  
OXFORD OX1 2AW

Tel 01865 268208  
Fax 01865 268211

(Please note there is  
no physical library  
at Napier House.)

Staple Inn Hall  
High Holborn  
LONDON WC1V 7QJ

Tel 020 7632 2114  
Fax 020 7632 2111

Maclaurin House  
18 Dublin Street  
EDINBURGH EH1 3PP

Tel 0131 240 1311  
Fax 0131 240 1313

e-mail: [libraries@actuaries.org.uk](mailto:libraries@actuaries.org.uk)

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## THE LIBRARIES

The Actuarial Profession's libraries offer a wide selection of resources, covering actuarial science, mathematics, statistics, finance, investment, pensions, insurance, healthcare, social policy, demography, business and risk management. Our extensive range of online resources are available to you wherever you are.

*The Libraries reserve the right to restrict the availability of any service to members of the Faculty and Institute of Actuaries only.*

## ACCESS

The Libraries are open to all members of the Faculty and Institute. Opening hours are 9:00 to 17:00 Monday to Friday. Closed on public holidays. If you are planning a visit, please let us know so we can ensure someone is available to welcome you.

Online access to electronic resources is available through Athens: [www.openathens.net](http://www.openathens.net)

Members are entitled to a free account. For an account please [email](#) the libraries, quoting your ARN number.

## LENDING

We can post books to members and other approved borrowers in the UK and overseas. We hold multiple copies of popular titles. If an item is not in stock we will usually buy it or obtain it from another library.

## PHOTOCOPYING

We can post, fax or email single copies of periodical articles and extracts from books, subject to copyright regulations.

## ENQUIRIES

We can search for information, statistics and hard-to-trace references. We aim to respond within 24 hours.

## ONLINE CATALOGUE

The online catalogue is available at: <http://actuaries.soutron.net>

## READING LISTS

We produce topical lists of recent publications which you can download from the libraries area of the website. We can compile customized lists on request (contact [libraries@actuaries.org.uk](mailto:libraries@actuaries.org.uk)) or you can search the [library catalogue](#).

## THE HISTORICAL COLLECTION

The Institute's collection of historical material is housed at Staple Inn. This collection comprises all books published before 1870, those of historical interest published 1870 - 1959 and historical studies published subsequently. It also includes full sets of the *Journal of the Institute of Actuaries*, *Journal of the Staple Inn Actuarial Society*, *Transactions of the Faculty of Actuaries*, *Transactions of the International Congress of Actuaries*, the journals of many overseas actuarial bodies, copies of tuition material and a reference collection. Opening hours are 9.00am to 5.00pm. *Prospective visitors are advised to telephone in advance.*

## PUBLICATIONS SHOP

We stock all publications issued by the Profession, including Core Reading, *Formulae and tables* and titles from the list of suggested further reading for the CT and SA exams. We offer discounts on a range of books and calculators approved for the profession's exams. You can place orders and find news of the latest discounts at <http://www.actuaries.org.uk/research-and-resources/eshop>

## FEES FOR SERVICES

There may be a fee for some services. Please check the libraries pages on the website at: [www.actuaries.org.uk/research-and-resources/pages/borrowing](http://www.actuaries.org.uk/research-and-resources/pages/borrowing)

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## ACTUARIAL EDUCATION

**Actuary of the future: Anthony Edwards.** Edwards, Anthony Staple Inn Actuarial Society, [RKN: 74810]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2011) **December** : 41.  
<http://www.theactuary.com/>

### **Balancing act**

**Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45400]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **August** : 42.  
Welsh says it is time to optimise your high-quality free time.  
<http://www.theactuary.com/>

**Can CERA change your life?.** Smitherman, Lindsay Staple Inn Actuarial Society, [RKN: 74800]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2011) **December** : 22-23.  
Lindsay Smitherman talks to three candidates who have gained the CERA credential about their experiences.  
<http://www.theactuary.com/>

**Careering into trouble : Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 73699]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **November** : 38.  
How do you know if you're working in the right field, asks Matthew Welsh?  
<http://www.theactuary.com/>

**Compare and contrast : Student page.** Cumming, James; O'Grady, Christine Staple Inn Actuarial Society, [RKN: 40089]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **February** : 46.  
James Cumming and Christine O'Grady tell us how actuarial exams compare with accountancy and the law.  
<http://www.theactuary.com/archive>

**Exploring new depths.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 45469]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **October** : 8.  
Cutting-edge research is paramount in the Profession's drive to offer educational excellence, says Jane Curtis.  
<http://www.theactuary.com/>

**Filling the gap.** Walton, Alexandra Staple Inn Actuarial Society, [RKN: 45478]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **October** : 34-35.  
Alexandra Walton describes the skills that graduates need to demonstrate to potential employers.  
<http://www.theactuary.com/>

**'I need counselling!': Student page.** Giddings, Rob Staple Inn Actuarial Society, [RKN: 45051]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **February** : 32.  
Rob Giddings recommends that it's time to talk to a specialist. Article about the counselling sessions that the Actuarial Profession offers.  
<http://www.theactuary.com/archive>

**Illuminating article : Letter to the Editor.** Simon, Thomas Staple Inn Actuarial Society, - 1 pages. [RKN: 71129]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **November** : 6.  
Thank you for the article on The Actuary website on creating a 'Winning cv'.  
<http://www.theactuary.com/>

**The importance of history in actuarial education.** FitzHerbert, Richard (2011). - Victoria: University of Melbourne, 2011. - 6 pages. [RKN: 74755]  
Richard Fitzherbert proposes that the teaching of investment principles be approached from a historical rather than a mathematical perspective. Paper presented at the Actuarial Education and Research Symposium, The University of Melbourne 26th November 2010  
No.1 (1993) onwards available online. Download as PDF.  
<http://www.economics.unimelb.edu.au/ACT/papers.shtml>

**Indian sunrise.** Watkins, Trevor Staple Inn Actuarial Society, - 1 pages. [RKN: 73831]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **April** : 25.  
Trevor Watkins reports back on the ascent of actuarial education in India  
<http://www.theactuary.com/>



**La idiosincrasia del actuario.** Moreno, Rafael; Trigo, Eduardo; Gómez, Olga; Iñaki de la Peña, J; Iturricastillo, Iván; Pozuelo, Emiliano [RKN: 44778]

*Anales del Instituto de Actuarios Españoles (Epoca 3a)* (2011) **17** : 123-134.

The aim of this paper is to identify the key characteristics that can better define the way -the approach, the methodologies and how to apply them- in which the actuary can and do solve specific problems facing in day to day work , thanks to his knowledge and skills. Each of the characteristics shown is illustrated with various examples from professional practice. In addition, in the light of the characteristics that define the idiosyncrasies of the actuary, the situation of the actuary in the current financial crisis environment is analyzed, where many financial sector issues are under discussion and at the crossroads that will define the scenario in the immediate future and, most likely, in the medium to long term.

Article in Spanish

<http://www.actuarios.org/espa/anales.htm>

**Learning from the past : Letter to the Editor.** Clarkson, Robert Staple Inn Actuarial Society, - 1 pages. [RKN: 73886]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **May** : 6.

Congratulates Richard Fitzherbert on his article in the April 2011 Actuary regarding importance of financial history in education.

<http://www.theactuary.com/>

**Money, money, money : Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45479]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **October** : 38.

Matthew Welsh asks what impact does money have on student actuaries' career choices?

<http://www.theactuary.com/>

**Preparation is the best defence**

**Soapbox.** FitzHerbert, Richard Staple Inn Actuarial Society, [RKN: 45158]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **April** : 10.

Richard Fitzherbert asks whether we should make history studies compulsory as part of an actuarial education.

<http://www.theactuary.com/archive>

**Promoting quality in the actuarial assessment of quantum of damages in South Africa.** Lowther, M W - 26 pages. [RKN: 74814]

Shelved at: Per: SAAJ (Oxf) Shelved at: JOU

*South African Actuarial Journal* (2011) **11** : 85-110.

This paper applies a quality framework theory to a field of actuarial practice. The paper is relevant to the professionalism of actuaries in general, and to those who assess the quantum of damages in particular. Quality framework theories propose that practitioners need to apply a range of technical and normative capabilities to provide a quality professional service. This paper suggests the various Capabilities that are needed by actuaries in the field of assessment of the quantum of damages, and orders them by applying a quality framework. A methodology for practitioners to benchmark the quality of their practice is outlined. In South Africa, there is no formal curriculum, canon, or specific guidance for actuaries practising in this field. The paper therefore also contributes to the professionalisation of the field by reviewing and recording relevant literature, and provisionally filling gaps in it from personal experience of the author as practitioner in this field. The paper concludes by suggesting that this approach could also help professionalise other fields of actuarial practice.

<http://www.actuarialsociety.org.za/News-and-Publications/Publications/South-African-Actuarial-Journal-671.aspx>

**Sense of adventure : Careers.** MacLeod, Kirsten Staple Inn Actuarial Society, [RKN: 73708]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **November** : 29.

Kirsten MacLeod believes that new opportunities abound for actuaries who are ready to break the mould

<http://www.theactuary.com/>

**Student: Examining knowledge, not memory.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 73984]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 37.

Do actuarial students take too much for granted when it comes to core technical revision, asks Matthew Welsh.

<http://www.theactuary.com/>

**Student: Facing the music.** Elkin, Jessica Staple Inn Actuarial Society, - 1 pages. [RKN: 71144]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **November** : 39.

Jessica Elkin looks at post exam exhilaration.

<http://www.theactuary.com/>

**Student: It's story time.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70663]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 38.

Maintaining high standards can depend on a lot of people each making just a small contribution, suggests Matthew Welsh

<http://www.theactuary.com/>

**Student: Up to scratch.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70770]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **July** : 37.

The requirements for the Profession might not be the Da Vinci Code but they are mine says Matthew Welsh.

<http://www.theactuary.com/>

**Student: Yuletide anticipation.** Elkin, Jessica Staple Inn Actuarial Society, - 1 pages. [RKN: 71148]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **December** : 39.  
Jessica Elkin casts an eye over Santa's data set.  
<http://www.theactuary.com/>

**Subject to scrutiny: response to Stephen Paines : Letter of the month.** Beardwood, James Staple Inn Actuarial Society, - 1 pages. [RKN: 73889]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2011) **May** : 6.  
Response to article in the April 2011 Actuary regarding difficulty of examinations.  
<http://www.theactuary.com/>

**To be or not to be...an actuary.** Kaye, Geraldine Staple Inn Actuarial Society, - 2 pages. [RKN: 70907]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **October** : 32.  
Are you finalising your studies and considering a career as an actuary? Have you got what it takes and is it the right choice for you? Read on for more advice from actuarial recruiter Dr Geraldine Kaye.  
<http://www.theactuary.com/>

## ACTUARIAL MANAGEMENT

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]  
Shelved at: EM (Lon) Shelved at: 368.01 KLU

## ACTUARIAL PROFESSION

**Actuary of the future : Adrian Stamp.** Stamp, Adrian Staple Inn Actuarial Society, - 1 pages. [RKN: 70664]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **September** : 39.  
Employed by Towers Watson  
<http://www.theactuary.com/>

**Actuary of the future: Avdesh Gupta.** Staple Inn Actuarial Society, - 1 pages. [RKN: 73838]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **April** : 40.  
What are the chances of Avdesh Gupta over-achieving in actuarial? He's probably worked that out already  
<http://www.theactuary.com/>

**Actuary of the future : Dalisu Dube.** Dube, Dalisu Staple Inn Actuarial Society, [RKN: 73696]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **November** : 39.  
<http://www.theactuary.com/>

**Actuary of the future: David Smith.** Smith, David Staple Inn Actuarial Society, - 1 pages. [RKN: 71146]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **November** : 40.  
David Smith of Lane, Clark & Peacock.  
<http://www.theactuary.com/>

**Actuary of the future : Jack May.** May, Jack Staple Inn Actuarial Society, [RKN: 45480]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **October** : 39.  
<http://www.theactuary.com/>

**Actuary of the future: John McReynolds.** McReynolds, John Staple Inn Actuarial Society, - 1 pages. [RKN: 70908]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **October** : 36.  
John McReynolds of KPMG Pensions.  
<http://www.theactuary.com/>

**Actuary of the future: Vathani Waran.** Waran, Vathani Staple Inn Actuarial Society, - 1 pages. [RKN: 71147]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **December** : 40.  
Vathani Waran of JLT Investment Consulting.  
<http://www.theactuary.com/>

**Alphabetical discrimination : Letter to the Editor.** Wright, P W Staple Inn Actuarial Society, - 1 pages. [RKN: 73882]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **April** : 6.

Why are contributors to sessional meetings listed alphabetically.

<http://www.theactuary.com/>

**Anything for love?.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70909]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **October** : 39.

We actuarial students are wonderful, right? But does your partner agree? Matthew Welsh finds out what's really in it for the 'other half'.

<http://www.theactuary.com/>

**Au revoir but not goodbye.** Curtis, Jane Staple Inn Actuarial Society, - 1 pages. [RKN: 73976]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 7.

Jane Curtis bids a fond farewell and looks back with pride on her tenure as President.

<http://www.theactuary.com/>

**A bigger perspective : Letter to the editor.** Meldrum, Colin Staple Inn Actuarial Society, - 1 pages. [RKN: 73927]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 6.

Asks that the 'decreasing' typeface of The Actuary magazine be reconsidered in order that retired members may continue to enjoy reading it.

<http://www.theactuary.com/>

### **Building on strong foundations**

**President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 45365]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **July** : 7.

Jane Curtis anticipates exciting times ahead for the Profession and its members on the world stage.

<http://www.theactuary.com/>

**Careers and talent.** Stephenson, Paul Staple Inn Actuarial Society, [RKN: 40079]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 10.

Paul Stephenson looks at alternative measures for students in carving out a career.

<http://www.theactuary.com/archive>

**Cast off : Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45436]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **September** : 42.

Feeling all at sea in your career? Matthew Welsh says it's time to weigh anchor.

<http://www.theactuary.com/>

**Centre of attention.** Flitman, David; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45203]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **May**

Marjorie Ngwenya talks to Flagstone Re's chief actuary David Flitman about making the right move at the right time, which, in his case, took him from New York City to Bermuda.

<http://www.theactuary.com/archive>

**A challenge from the editor : Letter to the editor from the editor.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 73928]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 6.

Soliciting letters from members.

<http://www.theactuary.com/>

**Climate change and resource depletion: the challenges for actuaries: review of literature 2011.** Allen, I; Aspinall, N G (ed.); McNeill, E H (ed.) (2011). - London: Institute and Faculty of Actuaries, 2011. - 76 pages. [RKN: 43512]

Shelved at: online only Shelved at: online only

Energy is the key factor in industrial and agricultural productivity, transport and domestic existence. It is the basis of our current economic system. The predominant sources of energy for our modern society are fossil fuels and evidence indicates that the end of their unconstrained availability is imminent. In this review we examine current thinking on our dependence upon fossil fuels, including their potential impact on the economy and climate, and our lack of preparedness for a future where their availability becomes supply-constrained. The review highlights significant exposures to these risks which have not, as yet, been adequately addressed. Current evidence suggests that these issues should be more widely recognised as being among the dominant themes of the twenty-first century. They are fundamentally challenging to our current ways of thinking.

Review of literature by compilers: I Allen, N G Aspinall; S D Baxter, O D Bettis, S J R Brimblecombe, F M Brofman-Epelbaum, C Fitzgerald, Dr S Harrison, V J Hodge, C C Jones, B P Maher, E H McNeill, P G Meins, A Mookerjee, G Morrison, N Niami, N G Silver, T Zalk and editors N G Aspinall and E H McNeill.

<http://www.actuaries.org.uk/research-and-resources/documents/climate-change-and-resource-depletion-challenges-actuaries-review-I>

**A common risk classification system for the actuarial profession : a discussion paper.** Kelliher, P O J; Wimot, D; Klumpes, P J M (2011). - London: Institute and Faculty of Actuaries, 2011. - 38 pages. [RKN: 45486]

Shelved at: Strg box SI Ref 5 ifp 10/11 Shelved at: JOU

This draft paper sets out a classification system developed by the risk classification working party for the profession that can be used as a common reference point for discussing risk.

<http://www.actuaries.org.uk/research-and-resources/documents/discussion-paper-common-risk-classification-system-actuarial-p-rofes>

**Dare to be different : Andrew Smith.** Mills, Steve Staple Inn Actuarial Society, - 3 pages. [RKN: 71156]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **December** : 23-25.

Free thinking, Solvency II and bow ties by Deloitte partner Andrew Smith, recipient of the Finlaison Medal.

<http://www.theactuary.com/>

**Decent exposure : President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 45427]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **September** : 8.

Jane Curtis believes that ethical responsibility should be at the very heart of the Profession's strategy.

<http://www.theactuary.com/>

**From actors to owls : Letter to the editor.** Walker, Iain Staple Inn Actuarial Society, - 1 pages. [RKN: 70681]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 6.

Definition of an Actuary

<http://www.theactuary.com/>

### Green shoots

**President's comment.** Bowie, Ronald S Staple Inn Actuarial Society, [RKN: 45157]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **April** : 8.

Ronnie Bowie looks at the way the profession can flourish within the public domain.

<http://www.theactuary.com/archive>

### Growing pains

**President's comment.** Bowie, Ronald S Staple Inn Actuarial Society, [RKN: 45198]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **May** : 8.

Ronnie Bowie looks at how the Institute and Faculty of Actuaries can ease the risks generated by the rapid growth of the profession overseas.

<http://www.theactuary.com/archive>

**High barrier for entry to Australia : Letter to the editor.** Chaudry, Irfan Staple Inn Actuarial Society, - 1 pages. [RKN: 70679]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 6.

On the subject of a limit placed on the number of visas for actuaries wishing to work in Australia.

<http://www.theactuary.com/>

**How many actuaries does it take to... : Letter to the Editor.** St Leger-Harris, Simon Staple Inn Actuarial Society, - 1 pages. [RKN: 70914]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **October** : 6.

On volunteer actuaries at the London 2012 Olympics.

<http://www.theactuary.com/>

**The importance of history in actuarial education.** FitzHerbert, Richard (2011). - Victoria: University of Melbourne, 2011. - 6 pages. [RKN: 74755]

Richard Fitzherbert proposes that the teaching of investment principles be approached from a historical rather than a mathematical perspective. Paper presented at the Actuarial Education and Research Symposium, The University of Melbourne 26th November 2010

No.1 (1993) onwards available online. Download as PDF.

<http://www.economics.unimelb.edu.au/ACT/papers.shtml>

**Indian sunrise.** Watkins, Trevor Staple Inn Actuarial Society, - 1 pages. [RKN: 73831]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 25.

Trevor Watkins reports back on the ascent of actuarial education in India

<http://www.theactuary.com/>

**Inside Careers: Actuaries 2011/12.** (2011). - London: Cambridge Market Intelligence, 2011. [RKN: 19755]

Shelved at: EZD (Oxf) Strg box OX16 (except for current issue) EZD (Lon) Strg box SI Ref 3 (2010/11) Shelved at: 368.01 INS

Inst Missing: 2001/2002; 2004/2005 Fac Missing 2002/03; 2008/09

**International recognition : President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 74806]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **December** : 8.

Jane Curtis hails the strides that the profession is making in an increasingly global economy

<http://www.theactuary.com/>

**The International Supplement : Worldly ambitions.** Staple Inn Actuarial Society Staple Inn Actuarial Society, - 18 pages. [RKN: 70771]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **July** : Supplement.

<http://www.theactuary.com/>

#### **Last post**

**President's comment.** Bowie, Ronald S Staple Inn Actuarial Society, [RKN: 45260]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **June** : 8.

Ronnie Bowie reflects on the changes that have occurred over the last year and looks forward to watching future developments unfold.

<http://www.theactuary.com/>

**A life less ordinary : John Coomber.** Lee, Jeremy; Bennett, Sarah Staple Inn Actuarial Society, - 1 pages. [RKN: 71136]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **November** : 20-22.

John Coomber CEO of Swiss Re discusses his life, career and management philosophy.

<http://www.theactuary.com/>

**More equal than others : Letter to the Editor.** Pepper, Anthony Staple Inn Actuarial Society, - 1 pages. [RKN: 73884]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **April** : 6.

Disagrees with Guy Thomas's article in the March 2011 Actuary regarding the voice of the Profession in various public policy areas.

<http://www.theactuary.com/>

**Moving with the times : Letter to the editor.** Tonks, Julian Staple Inn Actuarial Society, - 1 pages. [RKN: 73933]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **May** : 6.

Compares the current starting salary of a family member to find actuarial salaries have increased 8% per annum since his own starting salary in 1951.

<http://www.theactuary.com/>

**New model actuaries : president's comment.** Bowie, Ronald S Staple Inn Actuarial Society, [RKN: 45049]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **January** : 8.

Actuarial role models don't always come from the senior ranks of the profession, says Ronnie Bowie.

<http://www.theactuary.com/archive>

**On my agenda: Angus Macdonald.** Shah, Sonal Staple Inn Actuarial Society, - 2 pages. [RKN: 70766]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **July** : 26-27.

Sonal Shah discusses actuaries and academia with the editor of the Annals of Actuarial Science.

<http://www.theactuary.com/>

**On my agenda: David Belsham.** Ayton, Jemima; Georgescu, Dan Staple Inn Actuarial Society, - 2 pages. [RKN: 70726]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **August** : 20-21.

Jemima Ayton and Dan Georgescu talk to Prudential UK's Chief Actuary about his role and his belief in actuaries developing strong communication skills to broaden their careers

<http://www.theactuary.com/>

**On my agenda: Elliot Varnell.** Georgescu, Dan Staple Inn Actuarial Society, - 3 pages. [RKN: 73830]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 22-24.

Dan Georgescu talks to Milliman's Elliot Varnell about ESGs, CROs and the impact of Solvency II

<http://www.theactuary.com/>

**Out of Africa.** Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45167]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **April** : 36.

Fresh from a recent visit, Marjorie Ngwenya reports on the opportunities and challenges facing actuaries in Kenya.

<http://www.theactuary.com/archive>

**President's comment: Brand leadership.** Scott, Philip Staple Inn Actuarial Society, - 1 pages. [RKN: 70759]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **July** : 7.

Philip Scott believes that building the right brand will present great opportunities.

<http://www.theactuary.com/>

**Promoting actuarial quality.** Kennedy, Paul Staple Inn Actuarial Society, [RKN: 40071]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **January** : 27.

The UK Actuarial Profession is rising to the challenge of public interest regulation, believes Paul Kennedy.

<http://www.theactuary.com/archive>

**Promoting actuarial quality in 2012/13.** Kennedy, Paul Staple Inn Actuarial Society, - 2 pages. [RKN: 73832]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 26-27.

Paul Kennedy explains how the Financial Reporting Council intends to exercise its responsibilities for actuarial regulation and quality in the coming year

<http://www.theactuary.com/>

**Promoting quality in the actuarial assessment of quantum of damages in South Africa.** Lowther, M W - 26 pages. [RKN: 74814]

Shelved at: Per: SAAJ (Oxf) Shelved at: JOU

*South African Actuarial Journal* (2011) **11** : 85-110.

This paper applies a quality framework theory to a field of actuarial practice. The paper is relevant to the professionalism of actuaries in general, and to those who assess the quantum of damages in particular. Quality framework theories propose that practitioners need to apply a range of technical and normative capabilities to provide a quality professional service. This paper suggests the various Capabilities that are needed by actuaries in the field of assessment of the quantum of damages, and orders them by applying a quality framework. A methodology for practitioners to benchmark the quality of their practice is outlined. In South Africa, there is no formal curriculum, canon, or specific guidance for actuaries practising in this field. The paper therefore also contributes to the professionalisation of the field by reviewing and recording relevant literature, and provisionally filling gaps in it from personal experience of the author as practitioner in this field. The paper concludes by suggesting that this approach could also help professionalise other fields of actuarial practice.

<http://www.actuariesociety.org.za/News-and-Publications/Publications/South-African-Actuarial-Journal-671.aspx>

**Q&A: On my agenda - Julian Adams.** Georgescu, Dan Staple Inn Actuarial Society, - 2 pages. [RKN: 73982]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 28-29.

Dan Georgescu talks to the FSA's director of insurance about regulation under the Bank of England, Solvency II and what makes a great actuary.

<http://www.theactuary.com/>

**Report of the Professional Oversight Board to the Secretary Of State for Business, Innovation And Skills, including the Report of the Independent Supervisor: year to 31 March 2012.** Professional Oversight Board (2012). - London: Financial Reporting Council, 2012. - 77 pages. [RKN: 43532]

Shelved at: Online only

<http://www.frc.org.uk/getattachment/14ca16f9-1381-4115-aab3-d3d8d43a2c49/Report-to-the-Secretary-of-State-for-Business,-Innovation-and-Skills-for-the-year-to-31-March-2012.aspx>

**Rising star.** Barton, Catherine; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45109]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **March** : 24-25.

Marjorie Ngwenya talks to Catherine Barton about the paths she walked to become a partner relatively early in her career in a male-dominated insurance industry.

<http://www.theactuary.com/archive>

**Running on empty: a response to G Maher, A Staudt and R. Warren : Letter to the Editor.** Smith, Andrew D Staple Inn Actuarial Society, - 1 pages. [RKN: 73887]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **May** : 6.

Response to the article in the April 2011 Actuary on the cost to the industry of insurance aggregators and suggest more consideration be given to game theory and the unmodelled effect of competition.

<http://www.theactuary.com/>

**Scepticism and responsibility : Letter of the month.** Bowdrey, Russell Staple Inn Actuarial Society, - 1 pages. [RKN: 70682]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 6.

Offering thoughts on the speech by television presenter Johnny Ball at the Risk and Investment Conference 2012

<http://www.theactuary.com/>

**Sense of adventure : Careers.** MacLeod, Kirsten Staple Inn Actuarial Society, [RKN: 73708]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **November** : 29.

Kirsten MacLeod believes that new opportunities abound for actuaries who are ready to break the mould

<http://www.theactuary.com/>

**Setting course : President's comment.** Bowie, Ronald S Staple Inn Actuarial Society, [RKN: 45105]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **March** : 7.

Ronnie Bowie seeks out a new visionary strategy moving forward. Likely proposed strands to the activities are education, member support, licensing and regulation, marketing and public affairs and research and learned society.  
<http://www.theactuary.com/archive>

**Simple models, excellent people.** Howitt, Anthony Staple Inn Actuarial Society, [RKN: 40085]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 34-35.

Anthony Howitt examines the current job market for actuaries and how to select the right recruitment firm.  
<http://www.theactuary.com/archive>

**Soft skills: Mediation - What's your problem?.** Carne, Simon Staple Inn Actuarial Society, - 2 pages. [RKN: 73983]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 30-31.

Simon Carne looks at the roles that perspective and consultation play in mediation and how they can boost an actuary's problem-solving skill-set.  
<http://www.theactuary.com/>

### **Strategic operations**

**President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 45390]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **August** : 8.

Jane Curtis outlines the next steps forward and seeks the views and support of members to achieve these aims.  
<http://www.theactuary.com/>

**Thauja Krishnaratna: Dream come true.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 73837]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 39.

Matthew Welsh talks to Sri Lankan actuarial student, Thanuja Krishnaratna, about the SIAS bursary helping her to achieve her goals  
<http://www.theactuary.com/>

### **A time to reflect**

**Q&A.** Bowie, Ronald S; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45262]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **June** : 25-26.

Marjorie Ngwenya talks to Ronnie Bowie about his time as president of the Institute and Faculty of Actuaries and the momentous changes that have defined the profession.  
<http://www.theactuary.com/>

**Uncertainty guru : Letter to the editor.** Walker, Iain Staple Inn Actuarial Society, - 1 pages. [RKN: 70680]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 6.

Definition of an Actuary  
<http://www.theactuary.com/>

**Widening horizons : Letter to the editor.** Bishop, John Staple Inn Actuarial Society, - 1 pages. [RKN: 73926]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **March** : 6.

Warns of the danger of actuaries being content to sit within narrow specialisms.  
<http://www.theactuary.com/>

**Women in the profession : Letter of the month.** Kaye, G Staple Inn Actuarial Society, - 1 pages. [RKN: 73909]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **October** : 6.

Feedback on the presence of a page of The Actuary for women members of the Profession: not in favour.  
<http://www.theactuary.com/>

## ACTUARIAL SCIENCE

**The divergent approaches of English and South African courts, when considering actuarial expert testimony in the matter of an award for damages for future loss of earnings after a damage-causing event.** du Plessis, H L M Faculty of Actuaries and Institute of Actuaries; Cambridge University Press, [RKN: 45559]

Shelved at: Per: AAS (Oxf) Per: AAS (Lon)

*Annals of Actuarial Science* (2012) **6(1)** : 5-22.

This paper analyses the driving forces behind the willingness of South African courts to hear actuarial expert testimony in even the most simple of cases, in contrast to the more circumspect approach of the English courts, when assessing the damages arising out of future loss of earnings following a damage-causing incident. The analysis may well add insight to members of other professions and scientific communities that provide expert testimony to the courts. It is argued that English substantive law of damages and those influenced by its application have something to gain from a consideration of the approach in South Africa.  
<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>

**Editorial: European Actuarial Journal.** Hipp, Christian [RKN: 44804]

Shelved at: online only

*European Actuarial Journal* (2011) **1(1) July** : 1-2.

The editors welcome readers to this new international scientific journal which is published and edited by a cooperation of 13 actuarial associations of the following 11 countries: Austria, Belgium, France, Germany, Greece, Hungary, Italy, Poland, Portugal, Slovenia, and Switzerland. EAJ is the successor of the following six actuarial journals: 1. Belgian Actuarial Bulletin, 2. Blätter der Deutschen Gesellschaft für Versicherungs- und Finanzmathematik, 3. Boletim do Instituto dos Actuários Portugueses, 4. Giornale dell'Istituto Italiano degli Attuari, 5. Mitteilungen der Schweizerische Aktuarveringung/Bulletin de l'Association Suisse des Actuaire, 6. Mitteilungen der Aktuarveringung Österreichs (Austria)  
Available via Athens: Springer

**Fundamentals of actuarial mathematics.** Promislow, S David (2011). - 2nd ed. - Chichester: John Wiley & Sons Ltd, 2011. - 449 pages. [RKN: 45062]

Shelved at: EM/VA Shelved at: 368.01 PRO

This book provides a comprehensive introduction to actuarial mathematics, covering both deterministic and stochastic models of life contingencies, as well as more advanced topics such as risk theory, credibility theory and multi-state models. This new edition includes additional material on credibility theory, continuous time multi-state models, more complex types of contingent insurances, flexible contracts such as universal life, the risk measures VaR and TVaR. Key Features: Covers much of the syllabus material on the modeling examinations of the Society of Actuaries, Canadian Institute of Actuaries and the Casualty Actuarial Society. (SOA-CIA exams MLC and C, CSA exams 3L and 4.), Extensively revised and updated with new material, Orders the topics specifically to facilitate learning, Provides a streamlined approach to actuarial notation, Employs modern computational methods, Contains a variety of exercises, both computational and theoretical, together with answers, enabling use for self-study. An ideal text for students planning for a professional career as actuaries, providing a solid preparation for the modeling examinations of the major actuarial associations. Furthermore, this book is highly suitable reference for those wanting a sound introduction to the subject, and for those working in insurance, annuities and pensions.

**The importance of history in actuarial education.** FitzHerbert, Richard (2011). - Victoria: University of Melbourne, 2011. - 6 pages. [RKN: 74755]

Richard Fitzherbert proposes that the teaching of investment principles be approached from a historical rather than a mathematical perspective. Paper presented at the Actuarial Education and Research Symposium, The University of Melbourne 26th November 2010

No.1 (1993) onwards available online. Download as PDF.

<http://www.economics.unimelb.edu.au/ACT/papers.shtml>

**A new look at Halley's life table.** Bellhouse, David R [RKN: 44531]

*Journal of the Royal Statistical Society, Series A* (2011) **174(3)** : 823-832.

Edmond Halley published his Breslau life table in 1693, which was arguably the first in the world based on population data. By putting Halley's work into the scientific context of its data and through simple plots and calculations, new insights into Halley's work are made. In particular, Halley tended to round his numbers and to massage his data for easier presentation and calculation. Rather than highlighting outliers as would be done in modern analysis, Halley instead smoothed them out. Halley's method of life table construction for early ages is examined. His lifetime distribution at higher ages, which is missing in his paper, is reconstructed and a reason is suggested for why Halley neglected to include these ages in his table.

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]

Shelved at: EM (Lon) Shelved at: 368.01 KLU

One copy to be presented for library by the Society of Actuaries publisher.

## ACTUARIAL SOCIETIES

**A secular state? : Letter to the editor.** Kinney, M Staple Inn Actuarial Society, - 1 pages. [RKN: 73911]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **November** : 6.

Proposes a secular approach be adopted by the Worshipful Company of Actuaries in order to be inclusive to all interested parties.  
<http://www.theactuary.com/>



**A secular state? Response to M. Kinney, November 2011 : Letter to the editor.** Lockyer, J Staple Inn Actuarial Society, - 1 pages. [RKN: 73915]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: JOU  
*The Actuary* (2011) **December** : 6.  
 Response to criticism of the promotion of the Church of England in the speech given at the investiture of the Master of the Worshipful Company of Actuaries.  
<http://www.theactuary.com/>

**Worshipful Company appoints new Master.** Cairns, Andrew Staple Inn Actuarial Society, - 1 pages. [RKN: 70901]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: JOU  
*The Actuary* (2012) **October** : 16.  
 The appointment of Bill Smith as Master, with Charles Cowling and Martin Miles as Wardens.  
<http://www.theactuary.com/>

## ACTUARIES

**Rising opportunities.** Smith, Kevin Staple Inn Actuarial Society, [RKN: 40070]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: SIA/ACT  
*The Actuary* (2011) **January** : 30.  
 Kevin Smith gives an overview of employment opportunities for insurance and risk actuaries.  
<http://www.theactuary.com/archive>

## AFRICA

**Out of Africa.** Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45167]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: SIA/ACT  
*The Actuary* (2011) **April** : 36.  
 Fresh from a recent visit, Marjorie Ngwenya reports on the opportunities and challenges facing actuaries in Kenya.  
<http://www.theactuary.com/archive>

## ALPHABETIC BIAS

**Alphabetical discrimination - Response to P.W. Wright, April 2011 : Letter to the editor.** Fagan, Colm Staple Inn Actuarial Society, - 1 pages. [RKN: 73897]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: JOU  
*The Actuary* (2011) **June** : 7.  
 Considers whether a candidates surname may influence voter choice in proportional systems of election.  
<http://www.theactuary.com/>

## ARTIFICIAL INTELLIGENCE

**Computational intelligence with applications to general insurance: a review: I – The role of statistical learning.** Parodi, Pietro [RKN: 43655]  
 Shelves at: Per: AAS (Lon) Shelves at: JOU/AAS  
*Annals of Actuarial Science* (2012) **6(2)** : 307-343.

This paper argues that most of the problems that actuaries have to deal with in the context of non-life insurance can be usefully cast in the framework of computational intelligence (a.k.a. artificial intelligence), the discipline that studies the design of agents which exhibit intelligent behaviour. Finding an adequate framework for actuarial problems has more than a simply theoretical interest: it also allows a knowledge transfer from the computational intelligence discipline to general insurance, wherever techniques have been developed for problems which are common to both contexts. This has already happened in the past (neural networks, clustering, data mining have all found applications to general insurance) but not systematically, with the result that many useful computational intelligence techniques such as sparsity-based regularisation schemes (a technique for feature selection) are virtually unknown to actuaries.

In this first of two papers, we will explore the role of statistical learning in actuarial modelling. We will show that risk costing, which is at the core of pricing, reserving and capital modelling, can be described as a supervised learning problem. Many activities involved in exploratory analysis, such as data mining or feature construction, can be described as unsupervised learning. A comparison of different computational intelligence methods will be carried out, and practical insurance applications (rating factor selection, IBNER analysis) will also be presented.

This paper has a following part: Computational intelligence with applications to general insurance: a review: II – Dealing with uncertain knowledge, *Annals of Actuarial Science* 6(2): 344-380  
<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>

## AUSTRALIA

**High barrier for entry to Australia : Letter to the editor.** Chaudry, Irfan Staple Inn Actuarial Society, - 1 pages. [RKN: 70679]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 6.

On the subject of a limit placed on the number of visas for actuaries wishing to work in Australia.

<http://www.theactuary.com/>

## BIOGRAPHY

**On my agenda : Charles Cowling.** Wan, Yvonne Staple Inn Actuarial Society, - 3 pages. [RKN: 74936]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **March** : 21-23.

Yvonne Wan talks to Charles Cowling of JLT Pension Capital Strategies about his work with the Profession and his charitable activities

<http://www.theactuary.com/>

## CAREERS

**Actuary of the future: Jane Hamilton.** Hamilton, Jane Staple Inn Actuarial Society, - 1 pages. [RKN: 70776]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **August** : 40.

<http://www.theactuary.com/>

**Careers and talent.** Stephenson, Paul Staple Inn Actuarial Society, [RKN: 40079]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 10.

Paul Stephenson looks at alternative measures for students in carving out a career.

<http://www.theactuary.com/archive>

**Cast off : Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45436]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **September** : 42.

Feeling all at sea in your career? Matthew Welsh says it's time to weigh anchor.

<http://www.theactuary.com/>

**Centre of attention.** Flitman, David; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45203]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **May**

Marjorie Ngwenya talks to Flagstone Re's chief actuary David Flitman about making the right move at the right time, which, in his case, took him from New York City to Bermuda.

<http://www.theactuary.com/archive>

**Rising star.** Barton, Catherine; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45109]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **March** : 24-25.

Marjorie Ngwenya talks to Catherine Barton about the paths she walked to become a partner relatively early in her career in a male-dominated insurance industry.

<http://www.theactuary.com/archive>

**Scaling the heights : Q&A.** Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 40088]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 42-43.

Marjorie Ngwenya speaks with Craig Thornton about his role as a chief risk officer, and hears some words of advice for ambitious actuaries.

<http://www.theactuary.com/archive>

**Sense of adventure : Careers.** MacLeod, Kirsten Staple Inn Actuarial Society, [RKN: 73708]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **November** : 29.

Kirsten MacLeod believes that new opportunities abound for actuaries who are ready to break the mould

<http://www.theactuary.com/>

**Simple models, excellent people.** Howitt, Anthony Staple Inn Actuarial Society, [RKN: 40085]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 34-35.

Anthony Howitt examines the current job market for actuaries and how to select the right recruitment firm.

<http://www.theactuary.com/archive>

**Working outside the box : Pioneering prospects.** Georgescu, Dan Staple Inn Actuarial Society, - 4 pages. [RKN: 71141]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **November** : 30-33.

Actuaries who have moved into new career frontiers. Nitesh Patel, Nick Silver, Daniel Clarke, Lisa Morgan, Lucian Rautu, Gemma Harding and Jethro Green.

<http://www.theactuary.com/>

## CLIMATE CHANGE

**Climate change and resource depletion: the challenges for actuaries: review of literature 2011.** Allen, I; Aspinall, N G (ed.); McNeill, E H (ed.) (2011). - London: Institute and Faculty of Actuaries, 2011. - 76 pages. [RKN: 43512]

Shelved at: online only Shelved at: online only

Energy is the key factor in industrial and agricultural productivity, transport and domestic existence. It is the basis of our current economic system. The predominant sources of energy for our modern society are fossil fuels and evidence indicates that the end of their unconstrained availability is imminent. In this review we examine current thinking on our dependence upon fossil fuels, including their potential impact on the economy and climate, and our lack of preparedness for a future where their availability becomes supply-constrained. The review highlights significant exposures to these risks which have not, as yet, been adequately addressed. Current evidence suggests that these issues should be more widely recognised as being among the dominant themes of the twenty-first century. They are fundamentally challenging to our current ways of thinking.

Review of literature by compilers: I Allen, N G Aspinall; S D Baxter, O D Bettis, S J R Brimblecombe, F M Brofman-Epelbaum, C Fitzgerald, Dr S Harrison, V J Hodge, C C Jones, B P Maher, E H McNeill, P G Meins, A Mookerjee, G Morrison, N Niami, N G Silver, T Zalk and editors N G Aspinall and E H McNeill.

<http://www.actuaries.org.uk/research-and-resources/documents/climate-change-and-resource-depletion-challenges-actuaries-review-I>

## COMMUNICATION

**Cloud surfing.** Dhanendran, Anthony Staple Inn Actuarial Society, [RKN: 74809]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **December** : 36.

Anthony Dhanendran charts the rise of cloud computing and considers the pros and cons for businesses and individuals

<http://www.theactuary.com/>

**Soft skills: Mediation - What's your problem?.** Carne, Simon Staple Inn Actuarial Society, - 2 pages. [RKN: 73983]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 30-31.

Simon Carne looks at the roles that perspective and consultation play in mediation and how they can boost an actuary's problem-solving skill-set.

<http://www.theactuary.com/>

## COMPUTER SYSTEMS

**Computational intelligence with applications to general insurance: a review: I – The role of statistical learning.** Parodi, Pietro [RKN: 43655]

Shelved at: Per: AAS (Lon) Shelved at: JOU/AAS

*Annals of Actuarial Science* (2012) **6(2)** : 307-343.

This paper argues that most of the problems that actuaries have to deal with in the context of non-life insurance can be usefully cast in the framework of computational intelligence (a.k.a. artificial intelligence), the discipline that studies the design of agents which exhibit intelligent behaviour. Finding an adequate framework for actuarial problems has more than a simply theoretical interest: it also allows a knowledge transfer from the computational intelligence discipline to general insurance, wherever techniques have been developed for problems which are common to both contexts. This has already happened in the past (neural networks, clustering, data mining have all found applications to general insurance) but not systematically, with the result that many useful computational intelligence techniques such as sparsity-based regularisation schemes (a technique for feature selection) are virtually unknown to actuaries.

In this first of two papers, we will explore the role of statistical learning in actuarial modelling. We will show that risk costing, which is at the core of pricing, reserving and capital modelling, can be described as a supervised learning problem. Many activities involved in exploratory analysis, such as data mining or feature construction, can be described as unsupervised learning. A comparison of different computational intelligence methods will be carried out, and practical insurance applications (rating factor selection, IBNER analysis) will also be presented.

This paper has a following part: Computational intelligence with applications to general insurance: a review: II – Dealing with uncertain knowledge, *Annals of Actuarial Science* 6(2): 344-380

<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>

## CONTRACTS

**Contractual linguistics.** Henley, Christopher [RKN: 45212]

Shelved at: Per: Journal

*The Journal (CII)* (2011) **Apr/May** : 52-53.

The past decade has seen a shift in the way courts interpret a contract, from a literalist approach to the purposive approach, which relies on context. Christopher Henley unravels the mystery of contract language.

## DISCOUNT RATES

**Developing a framework for the use of discount rates in actuarial work.** Cowling, C A; Frankland, R; Hails, R T G; Kemp, M H D; Loseby, R L; Orr, J B; Smith, A D - 59 pages. [RKN: 73957]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2012) **17 (1)** : 153-211.

The Management Board of the UK Actuarial Profession is undertaking a thought leadership cross-practice research project on the use of discount rates by UK actuaries. The timing for this research is particularly appropriate as there is a convergence of interest in discount rates from within and outside of the Profession. Discount rates are at the heart of most actuarial calculations and are of significant public interest. As part of this project the Management Board wants a full and open debate on the significant issues and this paper is the next step in stimulating that debate, giving another opportunity to influence the future direction of the project. In this paper, the steering committee has concentrated on the more technical aspects of developing a framework for communicating discount rates and associated risks and the report is aimed primarily at actuaries. But the committee is mindful of the need to help actuaries communicate more clearly with those outside the Profession. During the first half of 2011, the steering committee will therefore concentrate on producing a document in less technical language to help non-actuaries understand the issues around the selection and use of discount rates and to help actuaries in their communication with stakeholders.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Developing a framework for the use of discount rates in actuarial work : Abstract of the London discussion.** Cowling, Charles - 24 pages. [RKN: 73958]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2012) **17 (1)** : 232-255.

Institute and Faculty of Actuaries, 31 January 2011.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Developing a framework for the use of discount rates in actuarial work : Abstract of the Edinburgh discussion.** Cowling, Charles - 20 pages. [RKN: 73959]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2012) **17 (1)** : 212-231.

Institute and Faculty of Actuaries, 17 January 2011.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

## EDITORIAL

**Expert opinions.** Curtis, Jane Staple Inn Actuarial Society, - 1 pages. [RKN: 74971]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **January/February** : 8.

Jane Curtis welcomes some new faces to the Profession's team.

<http://www.theactuary.com/>

**Fresh fields.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 74970]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **January/February** : 5.

New editor Deepak Jobanputra looks at what the future holds for the Profession

<http://www.theactuary.com/>

**Healthy options.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 73870]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **May** : 5.

Deepak Jobanputra believes actuaries have a vital role to play in informing stakeholders on the challenges of a developing healthcare system.

<http://www.theactuary.com/>

**A little bit of magic.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 73827]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 5.

Deepak Jobanputra says being an actuary can be a source for good

<http://www.theactuary.com/>

**Lost in translation.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 74933]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **March** : 5.  
Are we seeing the bigger picture? asks Deepak Jobanputra  
<http://www.theactuary.com/>

**So long, farewell.** Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 74805]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2011) **December** : 3.  
Marjorie Ngwenya pens her final column  
<http://www.theactuary.com/>

**Spread your wings.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 71131]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **November** : 5.  
The different sectors in which Actuaries may consider working.  
<http://www.theactuary.com/>

**Spread your wings.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 71132]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **November** : 5.  
The different sectors in which Actuaries may consider working.  
<http://www.theactuary.com/>

### Striding forwards

**Editorial.** Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45389]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **August** : 3.  
<http://www.theactuary.com/>

**Time flies : Editorial.** Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45482]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **October** : 3.  
<http://www.theactuary.com/>

**Time out.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 73975]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **June** : 5.  
<http://www.theactuary.com/>

**Time to stop the clock.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 71150]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **December** : 5.  
On the experiential nature of time.  
<http://www.theactuary.com/>

**What's your answer?.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 70723]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **August** : 5.  
Deepak Jobanputra asks what makes it so hard to explain the role of an actuary  
<http://www.theactuary.com/>

## EMPLOYMENT

**Rising opportunities.** Smith, Kevin Staple Inn Actuarial Society, [RKN: 40070]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **January** : 30.  
Kevin Smith gives an overview of employment opportunities for insurance and risk actuaries.  
<http://www.theactuary.com/archive>

## ENGLAND

**The divergent approaches of English and South African courts, when considering actuarial expert testimony in the matter of an award for damages for future loss of earnings after a damage-causing event.** du Plessis, H L M Faculty of Actuaries and Institute of Actuaries; Cambridge University Press, [RKN: 45559]  
Shelved at: Per: AAS (Oxf) Per: AAS (Lon)  
*Annals of Actuarial Science* (2012) **6(1)** : 5-22.

This paper analyses the driving forces behind the willingness of South African courts to hear actuarial expert testimony in even the most simple of cases, in contrast to the more circumspect approach of the English courts, when assessing the damages arising out of future loss of earnings following a damage-causing incident. The analysis may well add insight to members of other professions and scientific communities that provide expert testimony to the courts. It is argued that English substantive law of damages and those influenced by its application have something to gain from a consideration of the approach in South Africa.  
<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>

## ENTERPRISE RISK MANAGEMENT

**Risk and reward.** Curtis, Jane Staple Inn Actuarial Society, - 1 pages. [RKN: 73828]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2012) **April** : 8.  
Educating actuaries in new areas will bring wider recognition  
<http://www.theactuary.com/>

## EPIDEMICS

**Playing the long game - Response to R. Platt, March 2011 : Letter to the editor.** Khansili, Dinesh Chandra Staple Inn Actuarial Society, - 1 pages. [RKN: 73896]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
*The Actuary* (2011) **June** : 7.  
Asks whether the risk of new diseases has been adequately modelled.  
<http://www.theactuary.com/>

## EQUAL TREATMENT

**Women in the actuarial profession : Opinion.** Crofts, Helen Staple Inn Actuarial Society, [RKN: 45435]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **September** : 38.  
Helen Crofts presents news, views and resources from and for the profession's female actuaries around the globe.  
<http://www.theactuary.com/>

## ETHICS

**Decent exposure : President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 45427]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **September** : 8.  
Jane Curtis believes that ethical responsibility should be at the very heart of the Profession's strategy.  
<http://www.theactuary.com/>

**Whistleblowing : A guide for employers of Actuaries.** Institute and Faculty of Actuaries (2011). Institute and Faculty of Actuaries, 2011. - 19 pages. [RKN: 71905]  
Shelved at: 174.4  
<http://www.actuaries.org.uk/sites/all/files/documents/pdf/20110401-whistleblowing-guide-employers-actuaries 0.pdf>

## EXAMINATIONS

**Compare and contrast : Student page.** Cumming, James; O'Grady, Christine Staple Inn Actuarial Society, [RKN: 40089]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT  
*The Actuary* (2011) **February** : 46.  
James Cumming and Christine O'Grady tell us how actuarial exams compare with accountancy and the law.  
<http://www.theactuary.com/archive>

**Earning your stripes.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70775]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **August** : 39.

Demonstrating what you're made of takes a lot more than three hours of work in an exam hall, warns Matthew Welsh  
<http://www.theactuary.com/>

### Know your enemy

**Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45208]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **May** : 42.

This month Matthew Welsh looks across the exam room battlefield to find an army of unexpected allies.  
<http://www.theactuary.com/archive>

### Subject to scrutiny

**Student page.** Paines, Stephen Staple Inn Actuarial Society, [RKN: 45168]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **April** : 42.

This month Stephen Paines applies a familiar subject, to another familiar subject.  
<http://www.theactuary.com/archive>

## FINANCE

**Money, money, money : Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45479]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **October** : 38.

Matthew Welsh asks what impact does money have on student actuaries' career choices?  
<http://www.theactuary.com/>

## FINLAISON MEDAL

**Dare to be different : Andrew Smith.** Mills, Steve Staple Inn Actuarial Society, - 3 pages. [RKN: 71156]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **December** : 23-25.

Free thinking, Solvency II and bow ties by Deloitte partner Andrew Smith, recipient of the Finlaison Medal.  
<http://www.theactuary.com/>

## GENERAL INSURANCE COMPANY

**Rising star.** Barton, Catherine; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45109]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **March** : 24-25.

Marjorie Ngwenya talks to Catherine Barton about the paths she walked to become a partner relatively early in her career in a male-dominated insurance industry.  
<http://www.theactuary.com/archive>

## HEALTH INSURANCE

**Healthy options.** Jobanputra, Deepak Staple Inn Actuarial Society, - 1 pages. [RKN: 73870]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **May** : 5.

Deepak Jobanputra believes actuaries have a vital role to play in informing stakeholders on the challenges of a developing healthcare system.  
<http://www.theactuary.com/>

## HISTORY

**A new look at Halley's life table.** Bellhouse, David R [RKN: 44531]

*Journal of the Royal Statistical Society, Series A* (2011) **174(3)** : 823-832.

Edmond Halley published his Breslau life table in 1693, which was arguably the first in the world based on population data. By putting Halley's work into the scientific context of its data and through simple plots and calculations, new insights into Halley's work are made. In particular, Halley tended to round his numbers and to massage his data for easier presentation and calculation. Rather than highlighting outliers as would be done in modern analysis, Halley instead smoothed them out. Halley's method of life table construction for early ages is examined. His lifetime distribution at higher ages, which is missing in his paper, is reconstructed and a reason is suggested for why Halley neglected to include these ages in his table.



## INDIA

**Indian sunrise.** Watkins, Trevor Staple Inn Actuarial Society, - 1 pages. [RKN: 73831]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 25.

Trevor Watkins reports back on the ascent of actuarial education in India

<http://www.theactuary.com/>

## INSTITUTE AND FACULTY OF ACTUARIES

**Home thoughts or abroad? : Letter to the editor.** Thomas, David Staple Inn Actuarial Society, - 1 pages. [RKN: 73920]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **January/February** : 6.

Asks whether continued focus by the UK Actuarial Profession on overseas development will be to the detriment of members in the British Isles.

<http://www.theactuary.com/>

**Response to Home thoughts or abroad? : Letter to the editor.** Curtis, Jane Staple Inn Actuarial Society, - 1 pages. [RKN: 73924]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **March** : 6.

President responds to the letter by David Thomas in the January/February Actuary as to whether continued focus on overseas development by the UK Actuarial Profession will be at the detriment of members in the British Isles.

<http://www.theactuary.com/>

## INTERPRETATION

**Contractual linguistics.** Henley, Christopher [RKN: 45212]

Shelved at: Per: Journal

*The Journal (CII)* (2011) **Apr/May** : 52-53.

The past decade has seen a shift in the way courts interpret a contract, from a literalist approach to the purposive approach, which relies on context. Christopher Henley unravels the mystery of contract language.

## JOB HUNTING

**Simple models, excellent people.** Howitt, Anthony Staple Inn Actuarial Society, [RKN: 40085]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 34-35.

Anthony Howitt examines the current job market for actuaries and how to select the right recruitment firm.

<http://www.theactuary.com/archive>

## LAW

**Disciplinary and regulatory proceedings.** Harris, Brian (2011). - 6th ed. Jordans, 2011. - 556 pages. [RKN: 63295]

Shelved at: 346.42

See RKN 22224 for earlier edition

**The divergent approaches of English and South African courts, when considering actuarial expert testimony in the matter of an award for damages for future loss of earnings after a damage-causing event.** du Plessis, H L M Faculty of Actuaries and Institute of Actuaries; Cambridge University Press, [RKN: 45559]

Shelved at: Per: AAS (Oxf) Per: AAS (Lon)

*Annals of Actuarial Science* (2012) **6(1)** : 5-22.

This paper analyses the driving forces behind the willingness of South African courts to hear actuarial expert testimony in even the most simple of cases, in contrast to the more circumspect approach of the English courts, when assessing the damages arising out of future loss of earnings following a damage-causing incident. The analysis may well add insight to members of other professions and scientific communities that provide expert testimony to the courts. It is argued that English substantive law of damages and those influenced by its application have something to gain from a consideration of the approach in South Africa.

<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>



## LIFE TABLES

**A new look at Halley's life table.** Bellhouse, David R [RKN: 44531]

*Journal of the Royal Statistical Society, Series A* (2011) **174(3)** : 823-832.

Edmond Halley published his Breslau life table in 1693, which was arguably the first in the world based on population data. By putting Halley's work into the scientific context of its data and through simple plots and calculations, new insights into Halley's work are made. In particular, Halley tended to round his numbers and to massage his data for easier presentation and calculation. Rather than highlighting outliers as would be done in modern analysis, Halley instead smoothed them out. Halley's method of life table construction for early ages is examined. His lifetime distribution at higher ages, which is missing in his paper, is reconstructed and a reason is suggested for why Halley neglected to include these ages in his table.

## MANAGEMENT

**Whistleblowing : A guide for employers of Actuaries.** Institute and Faculty of Actuaries (2011). Institute and Faculty of Actuaries, 2011. - 19 pages. [RKN: 71905]

Shelved at: 174.4

<http://www.actuaries.org.uk/sites/all/files/documents/pdf/20110401-whistleblowing-guide-employers-actuaries 0.pdf>

## MANAGEMENT DEVELOPMENT AND TRAINING

**The insurance industry's talent gap and where we go from here.** Cole, Cassandra R; McCullough, Kathleen A - 10 pages. [RKN: 73823]

Shelved at: J0U

*Risk Management and Insurance Review* (2012) **15 (1)** : 107-116.

There is concern among insurers and related firms in the United States and abroad that there will be a shortage of skilled insurance professionals in the next few years as current workers retire. Though there have been discussions among insurers, organizations, and academics as to how to address this issue, until recently, each group has been primarily working in isolation. The Insurance Education & Career Summit, which took place in September 2011, brought together 110 individuals across these groups for the purpose of creating a unified strategy to both attract and retain skilled workers to the insurance industry and work to create the next generation of insurance executives. This article provides a brief background on the talent gap issue. We also discuss its potential impact on the insurance industry. Finally, we summarize the main obstacles identified by Summit participants to both attracting and retaining skilled workers as well as the strategies developed to overcome these obstacles.

Available via Athens: Wiley Online Library

<http://www.openathens.net>

## MATHEMATICS

**Fundamentals of actuarial mathematics.** Promislow, S David (2011). - 2nd ed. - Chichester: John Wiley & Sons Ltd, 2011. - 449 pages. [RKN: 45062]

Shelved at: EM/VA Shelved at: 368.01 PRO

This book provides a comprehensive introduction to actuarial mathematics, covering both deterministic and stochastic models of life contingencies, as well as more advanced topics such as risk theory, credibility theory and multi-state models. This new edition includes additional material on credibility theory, continuous time multi-state models, more complex types of contingent insurances, flexible contracts such as universal life, the risk measures VaR and TVaR. Key Features: Covers much of the syllabus material on the modeling examinations of the Society of Actuaries, Canadian Institute of Actuaries and the Casualty Actuarial Society. (SOA-CIA exams MLC and C, CSA exams 3L and 4.), Extensively revised and updated with new material, Orders the topics specifically to facilitate learning, Provides a streamlined approach to actuarial notation, Employs modern computational methods, Contains a variety of exercises, both computational and theoretical, together with answers, enabling use for self-study. An ideal text for students planning for a professional career as actuaries, providing a solid preparation for the modeling examinations of the major actuarial associations. Furthermore, this book is highly suitable reference for those wanting a sound introduction to the subject, and for those working in insurance, annuities and pensions.

## MEDAL PRESENTATIONS

**Posthumous presentation of an institute Finlaison medal to Mrs Doreen Hart : 30 July 2010.** Masters, Nigel B - 2 pages. [RKN: 73859]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2011) **16 (3)** : 469-470.

President of the Institute Nigel Masters presents Mrs Helen Eskriett with the Finlaison medal, posthumously awarded to Doreen Hart, the first married woman to qualify as a Fellow and former editor of the JIA and BAJ.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

## MODELLING

**Computational intelligence with applications to general insurance: a review: I – The role of statistical learning.** Parodi, Pietro [RKN: 43655]

Shelved at: Per: AAS (Lon) Shelved at: JOU/AAS

*Annals of Actuarial Science* (2012) **6(2)** : 307-343.

This paper argues that most of the problems that actuaries have to deal with in the context of non-life insurance can be usefully cast in the framework of computational intelligence (a.k.a. artificial intelligence), the discipline that studies the design of agents which exhibit intelligent behaviour. Finding an adequate framework for actuarial problems has more than a simply theoretical interest: it also allows a knowledge transfer from the computational intelligence discipline to general insurance, wherever techniques have been developed for problems which are common to both contexts. This has already happened in the past (neural networks, clustering, data mining have all found applications to general insurance) but not systematically, with the result that many useful computational intelligence techniques such as sparsity-based regularisation schemes (a technique for feature selection) are virtually unknown to actuaries.

In this first of two papers, we will explore the role of statistical learning in actuarial modelling. We will show that risk costing, which is at the core of pricing, reserving and capital modelling, can be described as a supervised learning problem. Many activities involved in exploratory analysis, such as data mining or feature construction, can be described as unsupervised learning. A comparison of different computational intelligence methods will be carried out, and practical insurance applications (rating factor selection, IBNER analysis) will also be presented.

This paper has a following part: Computational intelligence with applications to general insurance: a review: II – Dealing with uncertain knowledge, *Annals of Actuarial Science* 6(2): 344-380

<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]

Shelved at: EM (Lon) Shelved at: 368.01 KLU

## MORTALITY

**Playing the long game - Response to R. Platt, March 2011 : Letter to the editor.** Khansili, Dinesh Chandra Staple Inn Actuarial Society, - 1 pages. [RKN: 73896]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **June** : 7.

Asks whether the risk of new diseases has been adequately modelled.

<http://www.theactuary.com/>

## MORTALITY RATES

**Forecasting mortality in the event of a structural change.** Coelho, Edviges; Nunes, Luis C [RKN: 44532]

*Journal of the Royal Statistical Society, Series A* (2011) **174(3)** : 713-736.

In recent decades, life expectancy in developed countries has risen to historically unprecedented levels driven by unforeseen declines in mortality. The prospects of further reductions are of fundamental importance in various areas. In this context, we consider the problem of forecasting future mortality and life expectancy in the event of a structural change. We show how recent advances in statistical testing for structural changes can be used to arrive at properly specified models for the general level of mortality in the context of the Lee-Carter model. Specifically, the results of tests for a change in the trend of the index of mortality and for the presence of a unit root are used to identify appropriate forecasting models. The methodology proposed is applied to post-1950 mortality data for a set of developed countries to test the usual assumption that is made in the literature of sustained decline in mortality at roughly constant rates in this period. Structural changes in the rate of decline in overall mortality are found for almost of every country, especially in male populations. We also illustrate how accounting for such a change can lead to a major effect in mortality and life expectancy forecasts over the next decades.

## OBITUARIES AND MEMOIRS

**Celebrating life : Letter of the month.** Blain, J Staple Inn Actuarial Society, - 1 pages. [RKN: 73918]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **December** : 6.

Asks that obituaries contain more than just names when published in *The Actuary*.

<http://www.theactuary.com/>

**Chronicle of a death foretold : Letter to the editor.** Williams, Adrian Staple Inn Actuarial Society, - 1 pages. [RKN: 73919]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **January/February** : 6.

Comment of the format of obituaries.

<http://www.theactuary.com/>

## PERIODICALS

**Editorial: European Actuarial Journal.** Hipp, Christian [RKN: 44804]

Shelved at: online only

*European Actuarial Journal* (2011) **1(1) July** : 1-2.

The editors welcome readers to this new international scientific journal which is published and edited by a cooperation of 13 actuarial associations of the following 11 countries: Austria, Belgium, France, Germany, Greece, Hungary, Italy, Poland, Portugal, Slovenia, and Switzerland. EAJ is the successor of the following six actuarial journals: 1. Belgian Actuarial Bulletin, 2. Blätter der Deutschen Gesellschaft für Versicherungs- und Finanzmathematik, 3. Boletim do Instituto dos Actuários Portugueses, 4. Giornale dell'Istituto Italiano degli Attuari, 5. Mitteilungen der Schweizerische Aktuarveringung/Bulletin de l'Association Suisse des Actuaires, 6. Mitteilungen der Aktuarveringung Österreichs (Austria)

Available via Athens: Springer

## POISSON PROCESS

**Ruin probabilities for a regenerative Poisson gap generated risk process.** Asmussen, Søren; Biard, Romain [RKN: 44802]

Shelved at: online only

*European Actuarial Journal* (2011) **1(1) July** : 3-22.

A risk process with constant premium rate  $c$  and Poisson arrivals of claims is considered. A threshold  $r$  is defined for claim interarrival times, such that if  $k$  consecutive interarrival times are larger than  $r$ , then the next claim has distribution  $G$ . Otherwise, the claim size distribution is  $F$ . Asymptotic expressions for the infinite horizon ruin probabilities are given for both light- and the heavy-tailed cases. A basic observation is that the process regenerates at each  $G$ -claim. Also an approach via Markov additive processes is outlined, and heuristics are given for the distribution of the time to ruin.

Available via Athens: Springer

## PRESENTATION SKILLS

**Getting your point across.** Dhanendran, Anthony Staple Inn Actuarial Society, [RKN: 45472]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **October** : 24.

Anthony Dhanendran offers some useful tips for effective presentations.

<http://www.theactuary.com/>

## PRESIDENT'S COMMENT

**A blooming vision.** Scott, Philip Staple Inn Actuarial Society, - 1 pages. [RKN: 70724]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **August** : 7.

Having watched the seeds being planted, Philip Scott now wants to see the actuarial profession blossom and grow

<http://www.theactuary.com/>

**Investing in the future.** Scott, Philip Staple Inn Actuarial Society, - 1 pages. [RKN: 71152]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **December** : 7.

Widening the scope of actuarial influence in non-traditional areas will provide better solutions for the public.

<http://www.theactuary.com/>

**PECs appeal in a rapidly changing world.** Scott, Philip Staple Inn Actuarial Society, - 1 pages. [RKN: 370898]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **October** : 7.

Philip Scott advocates the good work of the practice executive committee.

<http://www.theactuary.com/>

**A question of expectations**

. Scott, Philip Staple Inn Actuarial Society, - 1 pages. [RKN: 71133]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **November** : 7.

Philip Scott looks at practical ways in which the Profession is working to remove the tarnish of mis-sold financial products.

<http://www.theactuary.com/>

## PRESIDENTIAL ADDRESSES

**Address by the President of the Institute and Faculty of Actuaries.** Bowie, Ronald - 8 pages. [RKN: 73949]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

BAJ (2012) **17 (1)** : 1-8.

Delivered to the Institute and Faculty of Actuaries, London, 19 November 2010.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

## PRICING

**Developing a framework for the use of discount rates in actuarial work.** Cowling, C A; Frankland, R; Hails, R T G; Kemp, M H D; Loseby, R L; Orr, J B; Smith, A D - 59 pages. [RKN: 73957]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

BAJ (2012) **17 (1)** : 153-211.

The Management Board of the UK Actuarial Profession is undertaking a thought leadership cross-practice research project on the use of discount rates by UK actuaries. The timing for this research is particularly appropriate as there is a convergence of interest in discount rates from within and outside of the Profession. Discount rates are at the heart of most actuarial calculations and are of significant public interest. As part of this project the Management Board wants a full and open debate on the significant issues and this paper is the next step in stimulating that debate, giving another opportunity to influence the future direction of the project. In this paper, the steering committee has concentrated on the more technical aspects of developing a framework for communicating discount rates and associated risks and the report is aimed primarily at actuaries. But the committee is mindful of the need to help actuaries communicate more clearly with those outside the Profession. During the first half of 2011, the steering committee will therefore concentrate on producing a document in less technical language to help non-actuaries understand the issues around the selection and use of discount rates and to help actuaries in their communication with stakeholders.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Developing a framework for the use of discount rates in actuarial work : Abstract of the London discussion.** Cowling, Charles - 24 pages. [RKN: 73958]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

BAJ (2012) **17 (1)** : 232-255.

Institute and Faculty of Actuaries, 31 January 2011.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Developing a framework for the use of discount rates in actuarial work : Abstract of the Edinburgh discussion.** Cowling, Charles - 20 pages. [RKN: 73959]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

BAJ (2012) **17 (1)** : 212-231.

Institute and Faculty of Actuaries, 17 January 2011.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]

Shelved at: EM (Lon) Shelved at: 368.01 KLU

One copy to be presented for library by the Society of Actuaries publisher.

## PROFESSIONAL CONDUCT

**Disciplinary and regulatory proceedings.** Harris, Brian (2011). - 6th ed. Jordans, 2011. - 556 pages. [RKN: 63295]

Shelved at: 346.42

See RKN 22224 for earlier edition

**Making connections : President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 73697]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **November** : 8.

Jane Curtis discusses the Profession's central role in sharing its expertise with relevant stakeholders.

<http://www.theactuary.com/>

**Whistleblowing : A guide for employers of Actuaries.** Institute and Faculty of Actuaries (2011). Institute and Faculty of Actuaries, 2011. - 19 pages. [RKN: 71905]

Shelved at: 174.4

<http://www.actuaries.org.uk/sites/all/files/documents/pdf/20110401-whistleblowing-guide-employers-actuaries 0.pdf>

## PROFESSIONAL DEVELOPMENT

**Careering into trouble : Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 73699]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **November** : 38.

How do you know if you're working in the right field, asks Matthew Welsh?

<http://www.theactuary.com/>

## PROFESSIONALISM

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]

Shelved at: EM (Lon) Shelved at: 368.01 KLU

## PUBLIC RELATIONS

**Making connections : President's comment.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 73697]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **November** : 8.

Jane Curtis discusses the Profession's central role in sharing its expertise with relevant stakeholders.

<http://www.theactuary.com/>

## PUBLIC SECTOR

**Green shoots**

**President's comment.** Bowie, Ronald S Staple Inn Actuarial Society, [RKN: 45157]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **April** : 8.

Ronnie Bowie looks at the way the profession can flourish within the public domain.

<http://www.theactuary.com/archive>

## QUALITY SYSTEMS

**Promoting actuarial quality.** Kennedy, Paul Staple Inn Actuarial Society, [RKN: 40071]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **January** : 27.

The UK Actuarial Profession is rising to the challenge of public interest regulation, believes Paul Kennedy.

<http://www.theactuary.com/archive>

## RECRUITMENT

**Simple models, excellent people.** Howitt, Anthony Staple Inn Actuarial Society, [RKN: 40085]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **February** : 34-35.

Anthony Howitt examines the current job market for actuaries and how to select the right recruitment firm.

<http://www.theactuary.com/archive>

## REGULATION

**A case against authority : Letter to the editor.** Pepper, Anthony Staple Inn Actuarial Society, - 1 pages. [RKN: 73895]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **June** : 6-7.

Refers to litigation between the British Bankers Association and the Financial Services Authority and Financial Ombudsman Service regarding payment protection insurance complaints.

<http://www.theactuary.com/>

**Fit for purpose.** Sutcliffe, Jim Staple Inn Actuarial Society, [RKN: 74803]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **December** : 30-31.

Jim Sutcliffe explains the Financial Reporting Council's proposals for reform and considers their implications for the actuarial profession

<http://www.theactuary.com/>

**Promoting actuarial quality.** Kennedy, Paul Staple Inn Actuarial Society, [RKN: 40071]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **January** : 27.

The UK Actuarial Profession is rising to the challenge of public interest regulation, believes Paul Kennedy.

<http://www.theactuary.com/archive>

**Promoting actuarial quality in 2012/13.** Kennedy, Paul Staple Inn Actuarial Society, - 2 pages. [RKN: 73832]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **April** : 26-27.

Paul Kennedy explains how the Financial Reporting Council intends to exercise its responsibilities for actuarial regulation and quality in the coming year

<http://www.theactuary.com/>

**Q&A: On my agenda - Julian Adams.** Georgescu, Dan Staple Inn Actuarial Society, - 2 pages. [RKN: 73982]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 28-29.

Dan Georgescu talks to the FSA's director of insurance about regulation under the Bank of England, Solvency II and what makes a great actuary.

<http://www.theactuary.com/>

**Student: Up to scratch.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70770]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **July** : 37.

The requirements for the Profession might not be the Da Vinci Code but they are mine says Matthew Welsh.

<http://www.theactuary.com/>

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]

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Shelved at: 174.4

<http://www.actuaries.org.uk/sites/all/files/documents/pdf/20110401-whistleblowing-guide-employers-actuaries 0.pdf>

## RESEARCH

**Exploring new depths.** Curtis, Jane Staple Inn Actuarial Society, [RKN: 45469]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **October** : 8.

Cutting-edge research is paramount in the Profession's drive to offer educational excellence, says Jane Curtis.

<http://www.theactuary.com/>

## REVIEWS

**Book review: The end of growth by Richard Heinberg.** Brooke-Taylor, Tony Staple Inn Actuarial Society, - 1 pages. [RKN: 74946]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **March** : 36.

Book review

<http://www.theactuary.com/>

**Book review: The Tebbit Test by Icki Iqbal and The Economics of Football by Stephen Dobson.** Smith, Andrew D Staple Inn Actuarial Society, - 1 pages. [RKN: 73985]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **June** : 34.

Andrew Smith finds two books that mix finance and sport could aptly be described as a 'game of two halves'.

<http://www.theactuary.com/>



**The case for working with your hands: or why office work is bad for us and fixing things feels good by Matthew Crawford : Book review**

. Tompkins, Peter Staple Inn Actuarial Society, [RKN: 45402]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **August** : 43.

<http://www.theactuary.com/>

**Climate change and resource depletion: the challenges for actuaries: review of literature 2011.** Allen, I; Aspinall, N G (ed.); McNeill, E H (ed.) (2011). - London: Institute and Faculty of Actuaries, 2011. - 76 pages. [RKN: 43512]

Shelved at: online only Shelved at: online only

Energy is the key factor in industrial and agricultural productivity, transport and domestic existence. It is the basis of our current economic system. The predominant sources of energy for our modern society are fossil fuels and evidence indicates that the end of their unconstrained availability is imminent. In this review we examine current thinking on our dependence upon fossil fuels, including their potential impact on the economy and climate, and our lack of preparedness for a future where their availability becomes supply-constrained. The review highlights significant exposures to these risks which have not, as yet, been adequately addressed. Current evidence suggests that these issues should be more widely recognised as being among the dominant themes of the twenty-first century. They are fundamentally challenging to our current ways of thinking.

Review of literature by compilers: I Allen, N G Aspinall; S D Baxter, O D Bettis, S J R Brimblecombe, F M Brofman-Epelbaum, C Fitzgerald, Dr S Harrison, V J Hodge, C C Jones, B P Maher, E H McNeill, P G Meins, A Mookerjee, G Morrison, N Niami, N G Silver, T Zalk and editors N G Aspinall and E H McNeill.

<http://www.actuaries.org.uk/research-and-resources/documents/climate-change-and-resource-depletion-challenges-actuaries-review-I>

## RISK CLASSIFICATION

**A common risk classification system for the actuarial profession : a discussion paper.** Kelliher, P O J; Wimot, D; Klumpes, P J M (2011). - London: Institute and Faculty of Actuaries, 2011. - 38 pages. [RKN: 45486]

Shelved at: Strg box SI Ref 5 ifp 10/11 Shelved at: JOU

This draft paper sets out a classification system developed by the risk classification working party for the profession that can be used as a common reference point for discussing risk.

<http://www.actuaries.org.uk/research-and-resources/documents/discussion-paper-common-risk-classification-system-actuarial-profes>

## RISK MANAGEMENT

**Can CERA change your life?.** Smitherman, Lindsay Staple Inn Actuarial Society, [RKN: 74800]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **December** : 22-23.

Lindsay Smitherman talks to three candidates who have gained the CERA credential about their experiences.

<http://www.theactuary.com/>

**Centre of attention.** Flitman, David; Ngwenya, Marjorie Staple Inn Actuarial Society, [RKN: 45203]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **May**

Marjorie Ngwenya talks to Flagstone Re's chief actuary David Flitman about making the right move at the right time, which, in his case, took him from New York City to Bermuda.

<http://www.theactuary.com/archive>

**Developing a framework for the use of discount rates in actuarial work.** Cowling, C A; Frankland, R; Hails, R T G; Kemp, M H D;

Loseby, R L; Orr, J B; Smith, A D - 59 pages. [RKN: 73957]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2012) **17 (1)** : 153-211.

The Management Board of the UK Actuarial Profession is undertaking a thought leadership cross-practice research project on the use of discount rates by UK actuaries. The timing for this research is particularly appropriate as there is a convergence of interest in discount rates from within and outside of the Profession. Discount rates are at the heart of most actuarial calculations and are of significant public interest. As part of this project the Management Board wants a full and open debate on the significant issues and this paper is the next step in stimulating that debate, giving another opportunity to influence the future direction of the project. In this paper, the steering committee has concentrated on the more technical aspects of developing a framework for communicating discount rates and associated risks and the report is aimed primarily at actuaries. But the committee is mindful of the need to help actuaries communicate more clearly with those outside the Profession. During the first half of 2011, the steering committee will therefore concentrate on producing a document in less technical language to help non-actuaries understand the issues around the selection and use of discount rates and to help actuaries in their communication with stakeholders.

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**Developing a framework for the use of discount rates in actuarial work : Abstract of the London discussion.** Cowling, Charles - 24 pages. [RKN: 73958]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2012) **17 (1)** : 232-255.

Institute and Faculty of Actuaries, 31 January 2011.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Developing a framework for the use of discount rates in actuarial work : Abstract of the Edinburgh discussion.** Cowling, Charles - 20 pages. [RKN: 73959]  
 Shelves at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelves at: REF  
 BAJ (2012) **17 (1)** : 212-231.  
 Institute and Faculty of Actuaries, 17 January 2011.  
<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**The insurance industry's talent gap and where we go from here.** Cole, Cassandra R; McCullough, Kathleen A - 10 pages. [RKN: 73823]  
 Shelves at: JOU  
*Risk Management and Insurance Review* (2012) **15 (1)** : 107-116.

There is concern among insurers and related firms in the United States and abroad that there will be a shortage of skilled insurance professionals in the next few years as current workers retire. Though there have been discussions among insurers, organizations, and academics as to how to address this issue, until recently, each group has been primarily working in isolation. The Insurance Education & Career Summit, which took place in September 2011, brought together 110 individuals across these groups for the purpose of creating a unified strategy to both attract and retain skilled workers to the insurance industry and work to create the next generation of insurance executives. This article provides a brief background on the talent gap issue. We also discuss its potential impact on the insurance industry. Finally, we summarize the main obstacles identified by Summit participants to both attracting and retaining skilled workers as well as the strategies developed to overcome these obstacles.  
 Available via Athens: Wiley Online Library  
<http://www.openathens.net>

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL: Society of Actuaries, 2012. [RKN: 43483]  
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## RUIN PROBABILITY

**Ruin probabilities for a regenerative Poisson gap generated risk process.** Asmussen, Søren; Biard, Romain [RKN: 44802]  
 Shelves at: online only  
*European Actuarial Journal* (2011) **1(1) July** : 3-22.

A risk process with constant premium rate  $c$  and Poisson arrivals of claims is considered. A threshold  $r$  is defined for claim interarrival times, such that if  $k$  consecutive interarrival times are larger than  $r$ , then the next claim has distribution  $G$ . Otherwise, the claim size distribution is  $F$ . Asymptotic expressions for the infinite horizon ruin probabilities are given for both light- and the heavy-tailed cases. A basic observation is that the process regenerates at each  $G$ -claim. Also an approach via Markov additive processes is outlined, and heuristics are given for the distribution of the time to ruin.  
 Available via Athens: Springer

## SCOTLAND

**How the ARC will contribute to the future of the Actuarial Profession.** Cairns, Andrew Staple Inn Actuarial Society, - 1 pages. [RKN: 70900]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: JOU  
*The Actuary* (2012) **October** : 13.  
 On the impact of the Actuarial Research Centre.  
<http://www.theactuary.com/>

## SCOTTISH BOARD LEADER ADDRESSES

**Inaugural address.** Bagot, Gordon M - 9 pages. [RKN: 73950]  
 Shelves at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelves at: REF  
 BAJ (2012) **17 (1)** : 9-17.  
 Leader of the Scottish Board of the Institute and Faculty of Actuaries Edinburgh, 18 October 2010.  
<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

## SEX DISCRIMINATION

**Women in the actuarial profession : Opinion.** Crofts, Helen Staple Inn Actuarial Society, [RKN: 45435]  
 Shelves at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelves at: SIA/ACT  
*The Actuary* (2011) **September** : 38.  
 Helen Crofts presents news, views and resources from and for the profession's female actuaries around the globe.  
<http://www.theactuary.com/>



## SOLVENCY

**Developing a framework for the use of discount rates in actuarial work.** Cowling, C A; Frankland, R; Hails, R T G; Kemp, M H D; Loseby, R L; Orr, J B; Smith, A D - 59 pages. [RKN: 73957]  
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**Developing a framework for the use of discount rates in actuarial work : Abstract of the Edinburgh discussion.** Cowling, Charles - 20 pages. [RKN: 73959]  
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Institute and Faculty of Actuaries, 17 January 2011.  
<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Understanding actuarial practice.** Klugman, Stuart A (ed); Beckley, Jeffrey A; Scahill, Patricia L; Varitek, Matthew C; White, Toby A (2012). - [1st] ed. - Schaumburg, ILL.: Society of Actuaries, 2012. [RKN: 43483]  
Shelved at: EM (Lon) Shelved at: 368.01 KLU  
One copy to be presented for library by the Society of Actuaries publisher.

## SOUTH AFRICA

**The divergent approaches of English and South African courts, when considering actuarial expert testimony in the matter of an award for damages for future loss of earnings after a damage-causing event.** du Plessis, H L M Faculty of Actuaries and Institute of Actuaries; Cambridge University Press, [RKN: 45559]  
Shelved at: Per: AAS (Oxf) Per: AAS (Lon)  
Annals of Actuarial Science (2012) **6(1)** : 5-22.

This paper analyses the driving forces behind the willingness of South African courts to hear actuarial expert testimony in even the most simple of cases, in contrast to the more circumspect approach of the English courts, when assessing the damages arising out of future loss of earnings following a damage-causing incident. The analysis may well add insight to members of other professions and scientific communities that provide expert testimony to the courts. It is argued that English substantive law of damages and those influenced by its application have something to gain from a consideration of the approach in South Africa.  
<http://www.actuaries.org.uk/research-and-resources/pages/access-journals>

## SRI LANKA

**Thauja Krishnaratna: Dream come true.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 73837]  
Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU  
The Actuary (2012) **April** : 39.

Matthew Welsh talks to Sri Lankan actuarial student, Thanuja Krishnaratna, about the SIAS bursary helping her to achieve her goals  
<http://www.theactuary.com/>

## STATISTICIANS

**Obituary: Professor P G Moore 1926-2010.** Smith, T M F; Moore, Sonia [RKN: 44059]

*Journal of the Royal Statistical Society, Series A* (2011) **174(1)** : 227-230.

Peter Moore FIA was also President of the Institute of Actuaries 1984-1986.

**The origins and originators of early statistical societies: a comparison of Liverpool and Manchester.** O'Brien, Christopher D [RKN: 44060]

*Journal of the Royal Statistical Society, Series A* (2011) **174(1)** : 51-62.

## STATISTICS

**Strength through synergy.** Hand, David J - 3 pages. [RKN: 73952]

Shelved at: Per: BAJ (Oxf) Per: BAJ (Lon) Shelved at: REF

*BAJ* (2012) **17 (1)** : 68-70.

Professor David Hand, President of the Royal Statistical Society, made a presentation entitled, Strength through Synergy, in which he outlined the Royal Statistical Society's history, current focus and future aspirations. The purpose of the Society, encapsulated in its mission statement, is to develop, foster and disseminate statistical knowledge, methodology and good practice for the benefit of all society.

<http://www.actuaries.org.uk/research-and-resources/pages/members-access-journals>

**Subject to scrutiny**

**Student page.** Paines, Stephen Staple Inn Actuarial Society, [RKN: 45168]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **April** : 42.

This month Stephen Paines applies a familiar subject, to another familiar subject.

<http://www.theactuary.com/archive>

## STUDENTS

**Christmas cheer? : Letter to the editor.** Hamilton, J Staple Inn Actuarial Society, - 1 pages. [RKN: 73917]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **December** : 6.

Light hearted criticism of the decision to release exam results 2 days before Christmas.

<http://www.theactuary.com/>

**Earning your stripes.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70775]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **August** : 39.

Demonstrating what you're made of takes a lot more than three hours of work in an exam hall, warns Matthew Welsh

<http://www.theactuary.com/>

**It's the most wonderful time....** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 73880]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **May** : 37.

Matthew Welsh looks forward to climate change with a difference

<http://www.theactuary.com/>

**Subject to scrutiny: response to Stephen Paines : Letter of the month.** Beardwood, James Staple Inn Actuarial Society, - 1 pages. [RKN: 73889]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2011) **May** : 6.

Response to article in the April 2011 Actuary regarding difficulty of examinations.

<http://www.theactuary.com/>

**Summertime blues**

**Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45371]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **July** : 36.

Matthew Welsh says it's time to consider risk and reward when it comes to studying.

<http://www.theactuary.com/>

**With a little help from my friends.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 74931]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **January/February** : 39.

Student: Are actuaries forgetting to look out for the little guy?

<http://www.theactuary.com/>

## STUDY METHODS

### Summertime blues

**Student page.** Welsh, Matthew Staple Inn Actuarial Society, [RKN: 45371]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **July** : 36.

Matthew Welsh says it's time to consider risk and reward when it comes to studying.

<http://www.theactuary.com/>

## VOLUNTEERS

**Student: It's story time.** Welsh, Matthew Staple Inn Actuarial Society, - 1 pages. [RKN: 70663]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **September** : 38.

Maintaining high standards can depend on a lot of people each making just a small contribution, suggests Matthew Welsh

<http://www.theactuary.com/>

**A time to give and to receive.** Curtis, Jane Staple Inn Actuarial Society, - 1 pages. [RKN: 73871]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: JOU

*The Actuary* (2012) **May** : 7.

Jane Curtis looks at progress in member services and the importance of volunteers.

<http://www.theactuary.com/>

## WOMEN

**Women in the actuarial profession : Opinion.** Crofts, Helen Staple Inn Actuarial Society, [RKN: 45435]

Shelved at: Per: Actuary (Oxf) Per: Actuary (Lon) Shelved at: SIA/ACT

*The Actuary* (2011) **September** : 38.

Helen Crofts presents news, views and resources from and for the profession's female actuaries around the globe.

<http://www.theactuary.com/>