



CAA News

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CAA News and Updates

The Caribbean 2002-2007 International Experience Study Report

The 2013 Caribbean experience study was undertaken as a joint research venture between the Caribbean Actuarial Association and the Society of Actuaries (SOA) International Experience Study

The study includes both mortality and persistency studies of policies in force any time during the 2002-2007 study period. The results are provided in two distinct periods, 2002-2004 and 2005-2007. Portfolio data was provided by nine contributing companies. Both life insurance and annuity policies are included, but kept separate.

A link to this report and the workbook can be found on the Publications Page of the CAA's Website: <http://www.caa.com.bb/News/Publications/>

Second Exposure Draft of Actuarial Practice Standard 0 (APSO)

APSO: General Actuarial Practice was developed by the Common Standards Committee based on the International Actuarial Association's model Standard ISAP 1 – General Actuarial Practice. APSO is a general standard that applies to all actuarial services performed by an actuary and is common to all Standards and areas of practice. APSO sets out, inter alia, the minimum standards of professionalism that should be used in carrying out actuarial work.

The comments received during the first exposure period have been taken into consideration by the Common Standards Committee and have led to a revised Exposure Draft of the Standard, which can be found on the CAA's website: <http://www.caa.com.bb/Governance/Standards-of-Practice.aspx>

The Glossary of Defined Terms can also be found on the CAA's website.

The exposure period for APSO is open until July 1, 2015.

Actuarial Practice Standard 4 (APS4) - General Insurance Unpaid Claim Estimates

Actuarial Practice Standard 4 (APS4) is the standard of practice for all actuaries, who are Members of the CAA, and is to be used when performing actuarial services relating to the estimation of loss and loss adjustment expense for unpaid claims for general insurance coverages.

The third exposure draft was circulated to CAA Members on December 1, 2014 and the deadline for comments was extended to April 15, 2015.

A copy of the exposure draft circulated can be found on the CAA's website: <http://www.caa.com.bb/Governance/Standards-of-Practice.aspx>

Reminder: Continuing Professional Development (CPD) Policy

All Ordinary, Affiliate and Associate Members of the Caribbean Actuarial Association are required to comply with the Continuing Professional Development Policy. This requirement became effective January 1, 2010.

Attestation is by electronic means via the Member section of the CAA website: <http://www.caa.com.bb/Members/Attestation>. Online attestation must be completed between January 1 and July 31 of each year.

CAA Conference 2015

The 25th Annual Conference of the Caribbean Actuarial Association will be held at the Hilton Trinidad & Conference Centre, Port of Spain, Trinidad & Tobago from December 2 – 4, 2015.



The CAA's Annual Conference is the main event on the region's actuarial calendar and it brings together leading professionals in the financial services industry.

A special program is being planned to celebrate our 25th annual conference which will feature leading regional and international specialists in the fields of pensions, life insurance, investment and property and casualty insurance. The Society of Actuaries' Associateship Professionalism Course will also be held in conjunction with the conference.

The newly renovated Hilton Trinidad is set amid lush tropical foliage where the hills meet the Gulf of Paria and is only 45 minutes from Piarco International Airport.

Trinidad and Tobago is an environmental treasure with botanical gardens, bird sanctuaries, the hemisphere's oldest protected rainforest and the La Brea Pitch Lake. You can also visit the twin island republic's sister island Tobago which has some of the best beaches in the Caribbean.

Visit the CAA Website for more details:

<http://www.caa.com.bb/Events/Event.aspx?id=4>

CAA Conference 2014

"Longevity Dividend: Altering the Future Course of Health and Longevity?" – by Stuart South

The 24th Annual Conference of the Caribbean Actuarial Association (CAA) was held at the Hilton Barbados Resort in Bridgetown, Barbados. The conference ran from December 3 – 5, 2014 and had over 184 participants.

The 2014 Annual Conference of the CAA brought to the fore the diverse opinions of regional and international professionals who practice in the Caribbean region. Commendably, the 2014 conference presented an elevated platform for non-traditional actuarial fields, which have gained more traction in recent years, such as the field of Property and Casualty insurance. This was achieved without sacrificing the usual updates in regulations affecting Caribbean actuarial practice and discussion on various industry matters emerging in the region.

In keeping with the CAA's move to target a more diverse audience, the 2014 conference featured a keynote speaker with a background in public health. The keynote speaker, Dr. Jay Olshansky delivered one of the best presentations of the conference, titled "The Longevity Dividend: Altering the Future Course of Health and Longevity?" His presentation had the perfect blend of technical and practical information and was delivered in a style which was easily understood by the audience. Dr. Olshansky promulgated an alternate, or possibly long lost way of viewing mortality.

The central tenet of his view is that there is some biological law governing mortality. This was previously suggested by Gompertz in his development of his renowned Law of Mortality (Gompertz 1825: 517).

Dr. Olshansky showed that there is a significant relationship between mortality and the reproductive period of living organisms (Olshansky, Carnes and Grahn, 1996). His research suggests that there is some set biological expiration date governing the future lifetime of living organisms, with such expiration dates extending in instances where reproductive periods are lengthy. This conclusion should prompt actuaries to ask new questions – Should actuaries expect continual improvements in mortality among males and females?



(The Chances of Death by Karl Pearson -1897)

Olshansky, through his biological lens, provided a different perspective on life expectancy and its historic improvements. A field which has been of interest to actuaries from the 20th century. Multiple forums such as the Living to 100 Symposium, at which Dr. Olshansky has expressed similar views as presented at the CAA conference, have sought to promote solutions to this key area of interest to actuaries. Solutions include, but are not limited to, better modelling of future mortality improvements. Dr. Olshansky suggested that the egregious method of projecting future life expectancy by observing the experience of older cohorts must be replaced by an approach which looks at the mortality experience amongst future generational cohorts. This move will require dedicated research. Elements of this approach were adopted by the SOA's Retirement Plans Experience Committee (RPEC) in the development of the Scale MP-2014 which was released in conjunction with the RP-2014 Mortality Table for private uninsured retirement plans in the United States of America. Section 3.1 of the Scale MP-2014 Report indicates that the model allowed for "explicit decomposition of historical mortality improvement rates into distinct age, period and year-of-birth cohort components that are subsequently projected and re-combined to produce two-dimensional arrays of mortality improvement rates."

In any event, the point remains that longevity is an emerging problem in the actuarial field and wider society, producing additional pressures on Retirement Benefit Plans, Social Security Systems, Health Care Systems, amongst other financial systems. As a possible solution, Olshansky urged us to re-think ageing in the development of any model of longevity. He implored that we must seek to close the gap between life expectancy and healthy life expectancy; only then will we see true social and financial relief and realise the "longevity dividend".

All presentations from the 2014 Annual Conference can be found on the CAA's website and be accessed via the following link:
<http://www.caa.com.bb/Members/Conferences/>

A History of the First Caribbean Actuaries

- **By Betty Black**

Many people outside the discipline, and even some within, are of the opinion that actuarial practice is something new within our region. It is high time we became aware and justifiably proud of our heritage and memorialise the Caribbean Actuaries who led the way.

We will publish a series of articles within the next few editions of our Newsletter that will feature one of the first six actuaries in the Caribbean. In this issue, we feature the 4th Caribbean Actuary, Daisy May McFarlane-Coke, from Jamaica.



Daisy entered the University of the West Indies in 1954 after graduating from Happy Grove and St Hugh's High School. There she obtained a degree in Pure Mathematics, Applied Mathematics and Latin with first class honours. She then went on to complete a Masters in Applied Mathematics at the University of Toronto. She applied to the Institute of Actuaries to study for the FIA and was accepted after reading for a Certificate in Statistics at Oxford University. Her training years were spent in the United Kingdom at the Government

Actuary's Department and the Norwich Union Assurance Society. In 1970 Daisy became the first Black woman to become a Fellow of the Institute of Actuaries.

On her return home from the UK she took up the post of Government Actuary in the Ministry of Finance. In 1972 she co-founded the Jamaican branch of Bacon, Woodrow & de Souza. Subsequently she started her own consulting practice which later merged with Eckler Ltd. Daisy is now a retired partner of that firm.

Daisy has been honoured by the Government of Jamaica for her sterling service in the areas of finance and public service. She was awarded Commander of the Order of Distinction (CD) in and the Order of Jamaica (OJ) in 2002. Her service to her home country is vast as she has served as director of many organisations, both private and public sector. The list includes the National Insurance Fund, the Public Service Commission, Jamaica Defence Force Commission Board, the Judicial Service Commission, Private Sector Organisation of Jamaica, National Commercial Bank Group, Island Life Insurance Company, Trafalgar Development Bank, Eagle Merchant Bank, National Hotels & Property, the Prices Commission, Council of the University of the West Indies and the Statistical Institute of Jamaica.

Daisy was one of the founders of the CAA and served as our first President from 1991 to 1997, three consecutive terms.

She was married to Astley, who recently passed away, for 45 years and they have three sons. The favourite pastime of the always gregarious Daisy is meeting people.

The Stephen Alleyne Scholarship Winner 2014 – 2015

The Scholarship is awarded in honour of Stephen Alleyne, FFA who was a founding Member of the Association. He was the first qualified Barbadian actuary to serve as the Appointed Actuary to a local insurance company and also became the first Barbadian actuary to head an insurance company when he became President and Chief Executive Officer of Life of Barbados Limited in 1998.

The Stephen Alleyne Scholarship is awarded annually to a final year student of the BSc degree programme in Actuarial Science at the University of the West Indies, Mona Campus.



The 2014/2015 Scholarship Winner is Jahnigh Clemmence. Born in Manchester, Jamaica, Jahnigh attended Knox College prior to enrolling at the University of the West Indies. The former Deputy Head Boy and Student Council member has continued to shine as a leader among his peers. He is currently the President of the University of the West Indies Mona Campus Debating and Public Speaking Society. In 2014, he was also runner-up in the Sagicor Utech Debating Championships.

Jahnigh is pictured receiving his Scholarship Certificate from Catherine Allen, Member of the CAA's Council, during the University of the West Indies Actuarial Society Awards Dinners, which was held on March 21, 2015.

International News and Upcoming Events

World Bank endorses new Actuarial Analyst qualification

The World Bank has endorsed The Institute and Faculty of Actuaries' (IFoA's) Certified Actuarial Analyst (CAA) qualification to help bring actuarial expertise to emerging markets and is targeted at technical support roles in financial services.

The World Bank states in its publication that "in many World Bank client countries, a shortage of actuarial resources is an issue of concern to both insurers and supervisors. One of the possible steps toward a solution could be the newly developed 'Certified Actuarial Analyst' or 'CAA' qualification." Through this qualification, professionals that are not actuaries but operate in supporting roles may lend some degree of actuarial support where none, or very little, otherwise exists.

Click here for further information -> [World Bank Endorses CAA](#)

2015 CIA Annual Meeting

The Canadian Institute of Actuaries (CIA) is the national voice of the actuarial profession in Canada. With more than 4,800 members, the Institute puts the public interest ahead of its own, and is dedicated to providing actuarial services and advice of the highest quality.

On March 18, 2015, the CIA marked its 50th anniversary. A year of celebrations is planned, with the highlight being the 50th Anniversary Annual Meeting and Gala Celebration, June 17–18 in Ottawa.

Click here for further information -> [2015 CIA Annual Meeting](#)

50th Actuarial Research Conference (ARC)

The annual Actuarial Research Conference (ARC) provides an opportunity for academics and practitioners to meet and discuss actuarial problems and their solutions. The conference traditionally has been the central meeting for North American academics and researchers interested in all aspects of actuarial science. It is open to all areas of actuarial practice and promotes education, research and interaction with industry.

The ARC takes place from August 5 – 8, 2015 at the University of Toronto, Ontario, Canada.

Click here for further information -> [Actuarial Research Conference 2015](#)

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