

COME TO DUBLIN!

The IAA Council and committees will meet in a few weeks in Dublin. The meetings will start on October 25 and end on October 28. The Presidents Forum, a meeting of the Presidents of Full Member associations, will follow on October 29. If you have not already registered, it is not too late to join us. All the details, including the registration form, are available on the home page of the IAA Web site (www.actuaries.org) in the Upcoming Events box.



The Council meeting of October 28 will address, amongst others, the following topics:

- Changes to Internal Regulations Article 2.1.4. re Code of Professional Conduct
- Creation of a Task Force on Mortality
- Creation of a Section on Research and Education
- Appointment of a Special Task Force to review the authority and accountability of IAA Sections
- Authority to develop an International Actuarial Standard of Practice with respect to Actuarial Practice when Providing Professional Services Concerning Financial Reporting of Employee Benefit Arrangements
- Review of due process
- Continuing Professional Development Strategy

Come enjoy the Irish hospitality!

IAA Newsletter

September 2007

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OFFICERS

Hillevi Mannonen, President
Yves Guérard, Secretary General
David G. Hartman, President-Elect
Jean-Louis Massé, Immediate Past President

RECENT SUBMISSIONS

- August 2007: IAIS Draft Guidance papers on:
 - [Use of internal models by insurers](#)
 - [Capital requirements](#)
 - [Enterprise Risk Management for Capital & Solvency Purposes](#)
- May 2007: [IASB Discussion Paper Fair Value Measurements](#)
- April 2007: IAASB Exposure Draft on Proposed Revised and Redrafted International Standard on Auditing, ISA 540, [Auditing Accounting Estimates, Including Fair Value Accounting Estimates, and Related Disclosures](#)
- February 2007: IPSASB (International Public Sector Accounting Standards Board) Exposure Draft 31: [Employee Benefits](#)
- January 2007: [IAIS Common Structure for the Assessment of Insurer Solvency](#)

OUTREACH

11th Regional Pension and Social Insurance Conference, Jordan (May)

We were represented by our Secretary General, Yves Guérard, who spoke at the opening ceremony. In a subsequent presentation, he reviewed Civil Service Pension Schemes around the world while comparing the current successful and unsuccessful programs. His [address](#) and [presentation](#) are available online.



PRIMA Annual Conference, United States (June)

Public Risk Management Association (PRIMA) is an organization of risk managers for public entities like cities, towns, counties, school districts, airport managers and the like in the United States. The association has 1,900 members from all across the U.S. and there were 1,300 attendees at this conference. We were invited to attend and Dave Hartman accepted the invitation on our behalf. Although the conference was excellent, Dave concluded that there was not much opportunity for synergy between PRIMA and the IAA as an organization.

Fifth International Symposium on Insurance: "The Strategy of Insurance Market Development in Serbia" – Vrnjacka Banja, Serbia (June)

The Serbian Actuaries Association held its Fifth International Symposium in June. Our Past President, Alf Guldberg, represented us and spoke on the role and importance of the IAA for insurance market developments. The full text of his address is available [online](#).

Third International Professional Meeting of Leaders of the Actuarial Profession and Actuarial Educators in English-speaking Africa – Nairobi, Kenya (June 2007)

BUILDING UP THE ACTUARIAL PROFESSION IN AFRICA

The Third International Meeting of Leaders of the Actuarial Profession in English-speaking Africa took place June 7-9, 2007 in Nairobi, Kenya, at the invitation of the Actuarial Society of Kenya (TASK). The first such meeting had taken place in Accra, Ghana September 20-22, 1999 at the invitation of the Actuarial Society of Ghana and the second in Lagos, Nigeria February 20-22, 2003 at the invitation of the Nigerian Actuarial Society. A third African meeting had in fact taken place March 31-April 2, 2003 in Casablanca, but focusing on French-speaking countries.

The meeting was attended by about 35 representatives from 11 countries in the region

(including 5 people from South Africa) as well as by one person from the United Kingdom, one from Germany and a delegate from the African Development Bank in Tunisia. Excellent administrative support for the meeting was provided beforehand and on site by Maria Perry from the UK Actuarial Profession secretariat. The IAA Fund gave bursaries to bring 11 of the participants from 8 countries outside Kenya.



[PowerPoint presentations](#) from the meeting have been posted on the IAA website under IAA Fund, Meetings. Reports were received of developments in the profession and the role of actuaries and the actuarial association in the different countries. New actuarial associations are in the process of being established in Sudan and Tanzania, with interest also in Uganda and Mauritius. Progress has been good in Kenya since the launch of TASK in 2005.

At the meeting there was much discussion about actuarial education, with a lot of enthusiasm being shown for the potential of the IAA's proposed International Actuarial Education Programme (IAEP) to play an important part in the development of the actuarial profession in Africa. Discussions were held with two people from the African Development Bank (ADB) who were present at the meeting and these contacts will be followed up, in order to present a proposal to the ADB for possible funding of aspects of the IAEP in Africa.

There was determination to make more progress in the coming years, spurred on by the forthcoming ICA2010 in Cape Town, South Africa. Interest was shown in the possibility of the English-speaking African countries working together to develop the actuarial profession, since many of the countries have rather small professions and find it difficult to achieve critical mass. A Task Force was established to develop this concept further and to determine whether it would be practical to establish an African version of the European Actuarial Consultative Group, confining the discussion for the moment to English-speaking countries. The group would also consider African solutions to some of the problems facing the profession.

It seems likely that further IAA Fund sponsored meetings will be useful for supporting the development of the profession in Africa, with at least one further meeting, probably in early 2009, being proposed as desirable before ICA2010, among other things to prepare the African contribution to ICA2010.

Sincere thanks are due to the Actuarial Society of Kenya for hosting the meeting and for the support provided.

56th International Statistical Institute Session, Portugal (August)

At the invitation of the International Statistical Institute, we participated in the 56th International Statistical Institute Session in Portugal August 22-29, 2007, through representatives of our ASTIN Section. Our representatives led a session entitled "Use of Actuarial Statistics to Solve Practical Problems in Insurance". Montserrat Guillen addressed the topic of "Fraud detection using statistical methods and models"; Robert Clark addressed "Large claims and catastrophes. Can they or their consequences be predicted; and Andrew Cairns addressed "Using models from finance to solve actuarial and statistical models". The moderator was Tor Eivind Hoyland.

8th China Annual Actuarial Conference, Hangzhou, China (September)

The China Annual Actuarial Conference, proclaimed as the most important event of the Chinese actuarial profession, was held in Hangzhou, China September 20-21, 2007. Officials from the China Insurance Regulatory Commission (CIRC) and government, overseas and domestic actuaries, insurance institute representatives, experts and scholars convened for two days to discuss and exchange practical issues or challenges facing the industry and the profession. This year, the presentation topics included: Financial Risk Management, Solvency Management, Insurance Products, Health Insurance, Actuarial Education, Property Insurance Pricing and General Insurance Solvency & Reserve. Secretary General Yves Guérard represented us at this event. You can read his welcome address [online](#).

Fifth International Professional Meeting of Leaders of the Actuarial Profession and Actuarial Educators in Asia-Pacific – Bangkok, Thailand (September 6-7, 2007)

BUILDING UP THE ACTUARIAL PROFESSION IN ASIA

The Fifth International Meeting of Leaders of the Actuarial Profession and Actuarial Educators in the Asia-Pacific Region took place September 6-7, 2007, at the invitation of the Society of Actuaries of Thailand (SOAT). The last such meeting had taken place in Bali, Indonesia September 16-17, 2005 at the invitation of the Actuarial Society of Indonesia (PAI).

The meeting was attended by 27 people from outside Thailand and 72 from Thailand. A further 50 from Thailand attended on the first morning. Twelve countries in the region were represented. Yves Guérard and Chris Daykin represented the IAA and Hiroshi Yamabana represented the International Labour Organization (ILO). The IAA Fund gave bursaries to bring 6 participants from 5 countries outside Thailand to the meeting.



The [final agenda and PowerPoint presentations](#) from the meeting have been posted on the IAA website under IAA Fund Committee/Meetings/Asia-Pacific/Bangkok. Reports were received of developments in the profession and the role of actuaries and the actuarial association in the different countries; a summary of this information has been placed on the website.

A new actuarial association has recently been established in Bangladesh (in June 2007). The associations in Thailand and South Korea reported good progress towards completing their applications for Full Membership of the IAA. There was interest in moving towards the establishment of an actuarial association in Vietnam, starting perhaps with a seminar in the first half of 2008, co-sponsored by the IAA Fund, to market the actuarial profession.

At the meeting there was much discussion about actuarial education, with a lot of enthusiasm being shown for the potential of the IAA's proposed International Actuarial Education Programme to play an important part in the development of the actuarial profession in many Asian countries.

On the morning of September 8, four of the international guests went to Chulalongkorn University to take part in a seminar to celebrate the 50th Anniversary of the Department of Statistics of the University. About 100 students from the



actuarial programmes, faculty, parents of students and high school students attended.

Sincere thanks are due to the Society of Actuaries of Thailand for hosting the meeting and for the support provided. Excellent administrative support for the meeting was provided beforehand and on site by Pat Kum from the Joint Actuaries Office in Hong Kong.

East Asian Actuarial Conference, Tokyo, Japan (October)

We will be represented by our President-Elect, Dave Hartman. A report will follow in the next Newsletter.

4th Annual Asian Pensions Conference – Kuala Lumpur, Malaysia (November 26-27, 2007)

Theme: Reinventing Retirement Strategies in the New World of Risks

As in previous years, we will once again co-sponsor the Annual Asian Pensions Conference, represented by our Secretary General Yves Guérard. Those who wish to attend can benefit from a 20% discount in the registration fee.

The 4th Pensions Conference organized by Asia Insurance Review this year, with the theme "Reinventing Retirement Strategies in the New World of Risks", will examine the extent and progress of pensions reforms and systems around the region, and re-visit the issues of bold and innovative strategies to boost coverage, savings and returns, and to give greater flexibility and wider choices. Critical issues and challenges faced in the pensions market and regulatory concerns will be addressed, as well as, the latest development of pension products, wealth management and successful strategies in providing pensions. New niche areas like Micro Pensions and Takaful will also be covered.

NEWS FROM YOUR SECTIONS

AFIR

16th International AFIR Colloquium - Stockholm, Sweden

Svenska Aktuarieföreningen (the Swedish Society of Actuaries) had the honour and privilege to organise the 16th International AFIR Colloquium in Stockholm from June 13-15, 2007.

The scientific part of the conference started with an invited talk about "Managing Alfred Nobel's legacy" given by Michael Sohlman, Executive Director of the Nobel Foundation. In his talk, Mr. Sohlman gave an historical overview of the Nobel prize foundation and showed how the initial investment guidelines had changed over time into modern allocation methods.

Professor Ragnar Norberg from the London School of Economics, gave an invited talk on "*The Pension Crisis - Are the Markets coming to our rescue*". Prof. Norberg described the strength and weaknesses of traditional life insurance products and discussed how new financial innovation can be used for risk management.

Denis Kessler, Chief Executive Officer of the SCOR Group, talked about "Actuaries versus Economists: a Constant Tug of War?" where he analyzed the similarities and differences between the methods used by actuaries and economists. In his analysis, he used an economic perspective blended with his experience from managing insurance companies.

Thirty-eight contributed papers were presented in four parallel sessions during the three days covering topics such as Pricing, Risk modelling, Solvency & Risk Capital, Model Choice & Model risk, Mortality & Longevity and Stochastic analysis & Optimization. The papers are accessible [online](#).

The participants were also invited to attend a seminar organised by the CEA General Assembly (Comité Européen des Assurances), the



organisation of European insurance companies, followed by the CEA banquet in the Stockholm City Hall (venue of the annual Nobel Prize banquet).

The social program included a boat-trip to the Royal Palace of Drottningholm with guided tours of not only part of the 17th century Palace itself, but also of the unique 17th century theatre (both are world cultural heritage sites).

17th International AFIR Colloquium — Rome, Italy

The call for papers is available [online](#).

ASTIN

37th ASTIN Colloquium and 50th Anniversary Celebration

ASTIN commemorated its 50th Anniversary at a colloquium held June 19-22, 2007 at the world renowned Disney's Contemporary Resort in Lake Buena Vista, Florida in conjunction with the Casualty Actuarial Society's (CAS) Spring Meeting. ASTIN was formed in New York City in 1957 and was invited by the CAS to meet again in the United States to celebrate ASTIN's Jubilee.

About 170 delegates (including academics and PhD candidates) from 31 countries took part in the colloquium. Invited lecturers included:

- Naomi Robbins, a consultant and seminar leader who specializes in the graphical display of data, discussed "Visual Presentation of Quantitative Information."
- Morton Lane, president of Lane Financial LLC, a broker-dealer focusing on the intersection of the reinsurance and capital markets, lectured on "Does Securitization Threaten to Replace or Improve Traditional Markets?"
- Stephen P. D'Arcy, a professor of finance and the John C. Brogan Faculty Scholar in Risk Management and Insurance at the University of Illinois at Urbana-Champaign, discussed "ASTIN's Next Greatest Contributions" and

- Hans Bühlmann, professor emeritus of ETH Zurich, where he taught mathematics for more than thirty years, presented the "History of ASTIN." Dr. Bühlmann is world renowned for his work in the area of Credibility.

In addition, about 40 papers were presented on various topics including Enterprise Risk Management, pricing and reserving of non-life products. The papers are accessible [online](#).

The social program included a half day trip to the Kennedy Space Center where mathematics in action could be viewed. The colloquium ended with a gala dinner at Epcot, including the famous Illuminations program.

During the ASTIN General Assembly, the following new members of the ASTIN Committee were elected for four year terms: Peter Boller (Germany), Yuji Morimoto (Japan), Herve Odjo (France), and Arne Sandström (Sweden). Those re-elected as members of the ASTIN Committee were Andrew Cairns (UK), Christopher Daykin (UK), David Finnis (Australia), David Hartman (US), Mette Havning (Denmark), Tor Eivind Hoyland (Norway), Henk Kriek (The Netherlands), Jose Luis Lobera (Mexico), Harry Panjer, and Nino Savelli (Italy). Elected as officers were Harry Panjer as Chairperson, Mette Havning as Vice-Chairperson, Henk Kriek as Secretary, Nino Savelli as Treasurer, and Andrew Cairns as Editor-in-Chief.

ASTIN continues to publish the *ASTIN Bulletin - the Journal of the IAA* which enjoys its ISI Thomson listing. Andrew Cairns serves as Editor-in-Chief with Sam Cox, Michel Denuit, Pierre Devolder, and Shaun Wang as editors. More editors and members of the editorial board are needed, particularly in the areas of life, pensions or health.

38th ASTIN Colloquium – Manchester, United Kingdom

The call for papers is available [online](#).



IAAHS

2nd International Health Colloquium – Cape Town, South Africa — 13-16 May 2007

The IAA Health Section (IAAHS) held a very successful 4th international colloquium in Cape Town, South Africa from May 14-16. The colloquium drew 226 health actuaries and health insurance executives from more than 25 countries. The success of this colloquium once again demonstrates that an international perspective provides a fresh and valuable look at products, processes, and policy issues that are the work of health actuaries around the world. The scientific program with access to papers and presentations can be found at www.iaahs2007.com.

The next IAAHS colloquium will be in Boston from May 5-8, 2008. This colloquium will be held jointly with the IAA Pension Section (PBSS) and IACA. Having international attendees representing a range of actuarial practice areas gives us an interesting opportunity to broaden the program beyond health issues. The [call for papers](#) and the [pre-registration](#) are available on the [Boston colloquium website](#). More information on the Boston colloquium scientific program and social events will become available in next few months.

IACA

The Section will hold IACA sessions at various actuarial events taking place this year, such as the [East Asian Actuarial Conference](#) in Tokyo, Japan (9-12 October 2007) and at the [Conference of Consulting of Actuaries Annual Meeting](#) in San Antonio, TX, United States (21-24 October 2007).

The IACA Section is joining with PBSS and IAAHS, in a joint section conference at the Westin Copley Plaza Hotel, Boston, USA May 4-7, 2008. The [call for papers](#) and the [pre-registration](#) are available on the [Boston colloquium website](#).

LIFE

1st International IAA Life Colloquium – Stockholm, Sweden — 10-13 June 2007

Svenska Aktuarieföreningen (the Swedish Society of Actuaries) had the honour of hosting the 1st International Life Colloquium in Stockholm June 10-13, 2007.

The scientific programme was divided into three parts: Mortality; Products; and Solvency, accounting and financial risks

Invited speakers included:

- Prof. Angus Macdonald, Herriot-Watt University, Edinburgh, The Maxwell Institute for Mathematical Sciences; Complex Genetic Risks: The Implications for Insurance
- Prof. Ermanno Pitacco, University of Trieste, Faculty of Economics, Dept. of Applied Mathematics; Mortality and Longevity: a Risk Management Perspective
- Dr. John Wieacker, SCOR Global Life; Financial Life Reinsurance in a new Regulatory Environment

The papers are accessible [online](#).

PBSS

2nd International PBSS Colloquium – Helsinki, Finland — 21-23 May 2007

The Second Colloquium of the PBSS Section was held in Helsinki, Finland May 21-23, 2007 and was a great success. The program and papers are on the website www.actuaries.org/pbss2007. Actuaries numbered 160 from 32 countries and they enjoyed an excellent scientific program and some great social events. Special thanks are due to Hillevi Mannonen and her team on the organizing committee.

Main speakers included:

- Pablo Antolin (OECD) - Annuities and longevity risk
- Lans Bovenberg (NETSPAR) - Towards optimal pension contracts
- David Kingston - Report of the Financial Economics Task Force



- Chris Daykin - The implications of longevity for risk-sharing in public and private pension schemes
- Karl-Gustaf Scherman - The Swedish NDC system - A critical assessment
- Erkki Liikanen (Bank of Finland) - Ageing and financial markets
- Eero Hämeenniemi (a Finnish composer) – Lessons in communication

About 30 papers, written by both practitioners and academics, were presented on the themes of:

1. Actuarial valuation methods and assumptions;
2. Investment strategies and risk management;
3. Projection methods for pension and social security financing;
4. Longevity and annuitization, risk-sharing in pension.

The final day of the colloquium overlapped with the first day of the 15th International Conference of Social Security Actuaries and Statisticians organized by the International Social Security Association May 23-25 in Helsinki, a meeting which was attended by 230 people from 70 countries.

The PBSS Section is joining with IACA and IAAHS, in a joint section conference at the Westin Copley Plaza Hotel, Boston, USA May 4-7, 2008. The [call for papers](#) and the [pre-registration](#) are available on the [Boston colloquium website](#).

The next meeting of the PBSS Section will be held in Tokyo, Japan in the autumn of 2009, in conjunction with the 20th Anniversary celebrations of the Japanese Society of Certified Pension Actuaries.

JOIN OR RENEW YOUR MEMBERSHIP IN THE IAA SECTIONS

Annual membership fees for all sections are low at \$40 CAD each (except for AWF whose dues are

\$20 CAD). If you are not already a member, it is not too late to join. Contact your home association.

OTHER EVENTS

European Actuarial Academy – Plenary Session and Exam – Tallinn, Estonia

The EAA is offering two related seminars in Sofia, Bulgaria from October 30 through November 3. Participants may attend one or both seminars. It is recommended that actuaries interested in health attend both seminars since material on insurance economic behavior forms the basis for analyses of health financing and health insurance.

The first seminar explores Insurance Economic Market Behavior. The goal of this Seminar is to thoroughly understand economic behavior of insurance markets, and to apply this understanding to practical problems of a variety of insurance lines of business, in particular, general insurance and health insurance, where market behavior problems most affect the ability of insurance companies to thrive.

The second seminar applies insurance economic behavior concepts to Health Financing and Health Insurance. The goal of this Seminar is to thoroughly explore how the economic behavior allows us to understand practical problems of public health financing and private health insurance, where market behavior problems most affect the ability of insurance companies to thrive.

For further details or to register, click on www.actuarial-academy.com in the category seminars/seminars 2007&2008.

Long Range Planning

The International Actuarial Events Calendar is the perfect tool for your long-range planning. Visit it often through the link on the IAA's home page. Member associations are encouraged to post their events in the calendar to make the tool as useful as possible. If you have misplaced your association's



login and password, send an email to secretariat@actuaries.org.

NEWS FROM MEMBER ASSOCIATIONS

Deutsche Aktuarvereinigung (DAV), Germany

Successful launch of new DAV Newsletter

To accompany the re-launch of its website, the DAV started issuing a monthly newsletter in July 2007 which is sent to all members of the DAV to inform them about actuarial topics, new guidelines, rules and suggestions for actuarial work and important membership issues. It also lists current CPD seminars being offered by DAA, the DAV's own academy. The DAV is convinced that the newsletter and website combined are a modern and direct way to inform members frequently about current developments relevant to the association.

DAV/DGVFM internship programme

Under the auspices of its scientifically orientated partner organisation DGVFM, the DAV launched last fall a new internship programme for students of mathematics concentrating on actuarial sciences. In its first year, the programme offered fifteen challenging internships to students with an outstanding academic profile. The initiative was quickly accepted by companies and students so that with the beginning of the up-coming fall term about fifty internships can be advertised at universities throughout Germany. The programme aims at giving students the opportunity to gain first hand professional experience in actuarial departments and to build valuable contacts for their future career.

DAV hosts Groupe Consultatif Annual Meeting 2007

The DAV is looking forward to welcoming the Groupe Consultatif which will be holding its 2007 Annual Meeting on October 4 and 5 in Hamburg, Germany. The Groupe meetings will take place in the conference rooms of the HanseMerkur

Versicherungsgruppe. The Annual Meeting will be accompanied by several social events, among these dinners at a renowned brewery and at the exclusive Harbour Club.

American Academy of Actuaries, United States

American Academy of Actuaries Approves Revised Qualification Standards

The American Academy of Actuaries Board of Directors has approved revised [Qualification Standards](#), which will take effect January 1, 2008. With broadened scope and strengthened CE requirements, they are expected to affect most practicing actuaries in the United States.

The revised standards were developed by the Academy's Committee on Qualifications as part of continuing Academy efforts to keep the actuarial profession relevant, reputable, and accountable to its clients in a fast-paced, competitive global economy.

"This was a huge step in assuring the public that actuaries who provide statements of actuarial opinion are qualified to do so," said Academy President Steven Lehmann. "It also goes a long way toward making continuing education standards for actuaries consistent for all U.S.-based actuarial organizations."

Development of the new standards has been a multi-year project. Beginning in 2002, the committee began soliciting input from the profession on whether the standards should focus solely on statutory and regulatory work or should be expanded to include all Statements of Actuarial Opinion (SAOs). A first draft was exposed for comment in May 2004 and a second version was exposed for comment in January 2006. The committee received more than 200 comments on the second exposure draft from various groups and individuals.

Highlights of the revised standards include the following:



- The revised Qualification Standards apply to all actuaries who are members of one of the U.S.-based actuarial organizations and who issue SAOs in the United States, as well as members of any actuarial organization that is not U.S.-based but requires its members to meet the standards when practicing in the United States.
- Under the revised Qualification Standards, an SAO is an opinion expressed by an actuary in the course of performing actuarial services (as defined in the Code of Professional Conduct) and intended by that actuary to be relied upon by the person or organization to which the opinion is addressed. (The code defines actuarial services as “professional services provided to a Principal (client or employer) by an individual acting in the capacity of an actuary. Such services include the rendering of advice, recommendations, findings, or opinions based upon actuarial considerations.”)
- To meet the general qualification requirements under the revised Qualification Standards, an actuary must obtain membership in one of the five U.S. actuarial organizations or be a fully qualified member of another actuarial organization that is a member of the International Actuarial Association; have three years of responsible actuarial experience, defined as work that requires knowledge and skill in solving actuarial problems; and be knowledgeable, through examination or documented professional development, of the laws applicable to the SAO as defined in the Code of Professional Conduct.
- Beginning in 2009, annual continuing education (CE) requirements are 30 hours per year, of which a minimum of three CE credit hours must cover professionalism topics and a minimum of six must be from organized activities that, as defined in the revised Qualification Standards, involve interaction with actuaries or other professionals working for different organizations. The new CE requirements take effect on Jan. 1, 2008, but are being phased in

so that only 24 hours of CE are required in 2008 for actuaries issuing SAOs in 2009.

- Through 2010, enrolled actuaries (EAs) who issue SAOs related to retirement plans to which ERISA applies will be exempt from the new CE requirements if they meet the CE requirements of the Joint Board for the Enrollment of Actuaries. However, EAs who issue SAOs not covered by this exemption, such as SAOs related to supplemental retirement plans or post-retirement medical benefits, must meet the CE requirements of the revised Qualification Standards.
- Under the new standards, there is no longer a process for becoming an approved CE provider. It is now up to the individual actuary to determine if attendance and participation in a particular event constitutes an organized activity that is directly relevant to the actuary’s practice area relative to the subject matter of any SAO.

The Academy is planning an extensive upcoming program of education about the new requirements, including articles in the Academy’s publications, *Update* and *Contingencies*, and postings on the Academy’s website, an educational webcast, and presentations at the fall annual meetings of all five U.S. actuarial organizations. As further information becomes available, it will be posted on a special page on the Academy’s [website](#).

Casualty Actuarial Society, United States

The Casualty Actuarial Society’s 2008 Discussion Paper Program is focused on the practical application of multivariate statistics, and proposals for papers are now being accepted. For many decades, multivariate statistical methods such as ANOVA, factor analysis, discriminant analysis and clustering have served as powerful tools for analyzing data. While these methods are well known to professional and academic statisticians, the actuarial literature does not contain many papers focused on multivariate statistical methods. There is a need for practical guidance in the application to specific actuarial problems, and authors are encouraged to present case studies in



detail sufficient for the reader to reproduce results. Ideally, the Program will be a forum for exchanging ideas of value to current practitioners as well as to potential new users of multivariate statistics. Some examples of topics for discussion might include:

- How to predict claims fraud using discriminant analysis.
- How to perform variable reduction in a predictive modeling project using principal components analysis.
- How to define territories for ratemaking using clustering techniques.
- Using ANOVA to test whether a new claims handling technique is effective in reducing the cost of claims.
- Applying multivariate techniques to reserve estimation.
- Identifying techniques relevant to specific lines of business.

Accepted papers will be posted on the CAS Web Site as part of the online 2008 Discussion Paper Program. Authors will have the opportunity to present their papers at sessions scheduled during the CAS Spring Meeting in Quebec City, Canada on June 15-18, 2008.

Proposals for papers must be received by October 3, 2007. They should be submitted via e-mail to: Discussion Paper Chairperson, c/o Cheri Widowski, Research Manager, CAS Office, at cwidowski@casact.org.

Additional information about current CAS research activities can be found on the CAS Web Site at www.casact.org.

MISCELLANEOUS

Actuarial Books Available

The IAA recently received several donations of actuarial books ranging from seminar, congress and colloquia transactions to the proceedings of various actuarial associations such as the UK Institute, the

Society of Actuaries and the Canadian Institute of Actuaries, to books on topics of actuarial mathematics and science. The IAA is ready to donate these books to actuarially developing associations for whom these would be an asset, subject to the association assuming the cost of shipping. Please contact Céleste Leclerc at the IAA Secretariat if you are interested in consulting the full list.

New actuarial book

This book offers a comprehensive treatment of the various experience rating systems applicable to automobile insurance and their relationships with risk classification. It also summarizes the most recent developments in the field, presenting ratemaking systems, whilst taking into account exogenous information. Find out more at:

www.researchandmarkets.com/product/3a0642/actuarial_modelling_of_claim_counts_risk

Author: Michel Denuit, Professor of Statistics and Actuarial Science at the Université Catholique de Louvain, Belgium