

The Society of Actuaries

W. James MacGinnitie
President, Society of Actuaries

Mailing Address:

W. James MacGinnitie
Consulting Actuary
4845 Franklin Pond Road
Atlanta, GA 30342

Telephone: (404) 252-6157
Facsimile: (404) 252-9312
E-mail: JimMacG@soa.org

Harry H. Panjer
President-Elect, Society of Actuaries

Mailing Address:

Harry H. Panjer
University of Waterloo
Dept of Statistics & Actuarial Science
Waterloo ON N2L 3G1
CANADA

Telephone: 519/888-4472
Facsimile: 519/746-1875
E-mail: hpanjer@soa.org

1. NORTH AMERICAN ACTUARIAL JOURNAL

The Society of Actuaries is looking for authors to submit papers and articles on a wide range of topics. The NAAJ publishes papers from new and developing areas of actuarial practice, including:

- Research on emerging public policy debates
- Technology improvements
- Demographic trends
- Globalization issues
- Multidisciplinary topics providing useful insight to practicing actuaries.

The submission process is simple: submit three (3) copies of your paper along with a one-page abstract which outlines the scope and objectives of your paper, including author and paper information and the names (and contact information) of up to three potential reviewers for the refereeing process. For a copy of the Submission Guidelines for Authors, please contact Kimberly J. Wargin, Editorial and Research Assistant, at 847/706-3500, or via e-mail (kwargin@soa.org).

Subscription Information

The North American Actuarial Journal is published quarterly at the following rates: 1 year (4 issues) for \$95.00, 2 years (8 issues) for \$165, and 3 years (12 issues) for \$250.00, or \$25 for a single issue (prices in U.S. dollars). Send your name, company name, full mailing address, and either a check or credit card information (MasterCard, Visa, and American Express are accepted; include card number, expiration date, telephone number, and signature) to the Publication Orders Department at the following address:

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2. FUTURE SOCIETY OF ACTUARIES MEETINGS

April 10 – 12
Fifth Annual Annuity Conference
Disney's Contemporary Resort
Orlando, FL

April 22
FAS 133: Accounting for Derivative Instruments and Hedging Activities (Financial Reporting Section)
Sheraton Crystal City Hotel
Arlington, VA

April 23
Accounting for Business Combinations, Goodwill and Other Intangible Assets: FASB 141/142 (Co-sponsors AAA and Financial Reporting Section)

6. Reports from Member Organizations / Rapports d'organisations membres (disponible en anglais seulement)

Hilton New York
New York, NY

May 9 – 10
Critical Illness
(Health Practice Area)
New Orleans, LA

May 29
A Layman's Guide to Building Scenario Generators (Financial Reporting Section)
Broadmoor Hotel
Colorado Springs, CO

May 30 – 31
Spring Meeting (Life Insurance)
Broadmoor Hotel
Colorado Springs, CO

June 11 – 12
Introduction to Life Reinsurance (Reinsurance Section)
Doubletree O'Hare
Rosemont, IL

June 12
Developing New Nontraditional Products (NTM Section)
Doubletree O'Hare
Rosemont, IL

June 12
Tying Together Profitability Measures (Product Development Section)
Doubletree O'Hare
Rosemont, IL

June 13 – 14
2nd Annual Product Development Actuary Symposium (Product Development Section,
NTM, Reinsurance and Actuary of the Future Sections)
Westin O'Hare
Rosemont, IL

June 17
Education Week – Reserves: Traditional Life Insurance
Doubletree Suites Chicago
Chicago, IL

6. Reports from Member Organizations / Rapports d'organisations membres (disponible en anglais seulement)

June 18

Education Week – Reserves: Universal Life Insurance, Fixed & Variable
Doubletree Suites Chicago
Chicago, IL

June 19

Education Week – Deferred Annuities, Fixed & Variable
Doubletree Suites Chicago
Chicago, IL

June 20 – 21

Education Week – Reserves: Individual Health Insurance
Doubletree Suites Chicago
Chicago, IL

June 24 – 26

Spring Meeting (Health, Pension, Long-Term Care)
Marriott
San Francisco, CA

June 25 – 26

Retirement Implications of Demographic and Family Change (Pension Practice Area)
Marriott
San Francisco, CA

July 16 – 18

Wharton ALM Program (Financial Reporting & Investment Sections)
Philadelphia, PA

September 4

Basic GAAP (Financial Reporting Section)
Hilton Time Square
New York, NY

September 5 – 6

Advanced GAAP (Financial Reporting Section)
Hilton Time Square
New York, NY

September 19 – 20

Valuation Actuary Symposium
Walt Disney World Dolphin
Orlando, FL

6. *Reports from Member Organizations / Rapports d'organisations membres (disponible en anglais seulement)*

October 27 – 30
Annual Meeting
Marriott/Westin Copley Place
Boston, MA

December 4 – 5
Beginning Risk Management (Investment Section)
TBA

December 5 – 6
Advanced Risk Management (Investment Section)
TBA

Actuarial Virtual Campus

The Art of the Expert Witness
Career Assessment
Fair Value Liabilities – A Debate
Hybrid Plans
Lump Sum Topics
Prescription Drug Update
Product Development Boot Camp
Recent Trends in Retirement Benefits Design
Risk Management Practices in the Insurance Industry
Tailoring Products and Services for the Bancassurance Market

For details on the above seminars and those under development, watch for future SOA mailings, visit the website at <http://www.soa.org> or call the Continuing Education Department at 847/706-3540 or 847/706-3545.

3. MEMBERSHIP STATISTICS

Membership by Type of Employment April 1, 2002

Particulars	Fellows	Associates	Total
1. Insurance Company	4,134	2,908	7,042
2. Consulting Actuary	3,270	2,660	5,930
3. Insurance Broker	26	36	62
4. Insurance Department (state or provincial)	82	56	138
5. Other Government Employment	92	165	257
6. University or College	62	130	192
7. Investment Banker or Adviser	142	166	308
8. Software Developer/Vendor	75	117	192
9. Organizations Serving Insurance Business	80	51	131
10. Non-traditional	143	171	314
11. Retired	1090	357	1447
12. Unaffiliated	379	606	985
Total	9,575	7,423	16,998

4. RECENT PUBLICATIONS

(To order, please contact the SOA Books and Publications Department by phone (847/706-3526), fax (847/706-3599), or e-mail (bhaynes@soa.org.)

Life Insurance Products and Finance Charting a Clear Course

By David B. Atkinson, FSA and James W. Dallas, FSA

The authors examine the fundamentals of life insurance in clear English suitable for actuaries and non-actuarial audiences. Using this text, a student new to life insurance could, with minimal professional guidance, begin making meaningful contributions to his company. For ease of study, there are end-of-chapter questions. The text contains an extensive glossary.

ISBN 0-938959-67-0

\$85.00

Financial Economics

Edited by Harry H. Panjer

The Actuarial Foundation is pleased to present this textbook on financial economics, the result of a partnership with Lincoln National Corp. and a 10-member team of distinguished authors. The Foundation is confident that this book will support the work of actuaries into the next millennium.

This book covers many aspects of actuarial economics in the context of discrete time, with a bridge to continuous time. It is aimed at actuaries, financial engineers, and others with comparable technical skills, and it focuses on a broad range of applications. Recognizing the interrelationship of all financial services and products, the authors provide applications in insurance and pensions in addition to the usual bond, stock, and options applications appearing in most books in this field. The authors have combined to produce a book that balances the need for a reasonably formal treatment of key concepts in financial economics with the desire to discuss applications of the concepts to financial management.

The book can be the basis of a two-semester university course for students with little background in finance. Most of the key ideas in the book are introduced in the first two chapters at a nontechnical level. Subsequent chapters give expanded, more formal treatment of the topics. A technical appendix allows the reader to pick up any missing background.

(\$95.00)

Why Men Die Younger: Causes of Mortality Differences by Sex
By Barbara Blatt Kalben

The causes of higher mortality for males than females are mysterious, but a new monograph from the Society of Actuaries presents research indicating both biological and behavioral causes. "Why Men Die Younger: Causes of Mortality Differences by Sex," by Seattle actuary Barbara Blatt Kalben, is an exhaustive review of centuries of medical and demographic studies including statistical data going back to pre-history.

The monograph presents evidence suggesting the sex chromosomes and hormones, such as testosterone and estrogen, tend to increase longevity for females and decrease it for males. Risk taking behavior, especially cigarette smoking, also contributes to males dying at younger ages.

"Many have concluded that the male is the weaker or frailer of the sexes," Kalben says in what may be the most comprehensive study to date on the differences in mortality between males and females. Males have greater mortality at every age, even before birth. This is true regardless of race, nationality, profession, or income level, and in virtually every country. Evidence of greater male mortality exists since at least since the 14th century.

(\$50)

5. UPCOMING PUBLICATIONS

Asset-Liability Integration

by Krzysztof Ostaszewski, Ph.D., FSA, CFA, MAAA

Available from the Society of Actuaries in June 2002, this monograph analyzes the asset-liability management (ALM) process in the financial intermediation industry, especially among insurers, from the perspective of what is known about capital markets and practiced in financial engineering. Insurers are facing competition from financial markets innovations, and their products are often viewed by customers as capital assets. This, in turn, forces the enterprise to take an integrated view of assets and liabilities, and to price them from the capital markets perspective, which increasingly is becoming the consumer perspective.

Modern life has brought about increased competition and lower information prices (through global telecommunications networks and other forms of information technology). The modern business experience has resulted in more and more companies giving significant consideration to their mission and vision. This monograph strives to define a mission for the modern insurance industry, its place in the financial intermediation network, and the role of ALM in that mission.

Retrospective and Prospective Analysis of the Privatized Mandatory Pension System in Mexico

by Tapen Sinha, Ph.D.

Available from the Society of Actuaries in July 2002, this monograph explores different aspects of social security and pension in Mexico, from the pre-colonial era to the present. The "universal" pay-as-you-go social security started in 1943. It was only universal in a notional sense—it did not cover even half the population at the end of the twentieth century. The privately managed system started tentatively with a supplemental program in 1992. The privately managed program to replace the entire "old system" began only in 1997. The monograph describes the details of the new system and how it has performed during 1997–2000. The monograph also looks at the privately operated pension system from the point of view of services marketing. It discusses results of an ongoing longitudinal research project on customer satisfaction with the system. The monograph goes on to discuss why private management of pension is not like privatization of other spheres of activities. The problem of replacing the pay-as-you-go system is that it imposes a cost on government that does not arise in other kinds of privatization. Later chapters address the problem of high management fees of privately managed pension funds that has plagued not just Mexico, but other countries, as well as providing a deeper look at fund management by privately managed funds. It shows that quantitative restrictions (as imposed by the current regulator) are of the wrong kind.

PUBLICATIONS AVAILABLE FROM THE ACTUARIAL FOUNDATION

(To order, please visit the Foundation's Web site at www.actuarialfoundation.org, or call 847/706-3535 for more information.)

Risks in Investment Accumulation Products of Financial Institutions

The goal of this 1999 symposium was to identify more thoroughly the residual risks associated with investment accumulation products, analyze the problems involved in managing these risks and evaluate management techniques for these risks.

The issues surrounding valuing a variety of complex guarantees in investment accumulation products is an important concern to financial institutions providing such guarantees. The Actuarial Foundation and Nationwide Financial Services sponsored this 1999 symposium to address these issues.

(\$25, shipping included)

Genetic Testing: Implications for Insurance

The Actuarial Foundation co-sponsored the enormously successful symposium, Genetic Testing: Implications for Insurance in June 1997. For the first time ever, this two-day session created a common platform for professionals from all sides of this compelling issue to present the most current and relevant information of its time. The symposium also fostered stimulating discussions about the ethical and legal dilemmas surrounding genetic testing.

(\$20, shipping included)