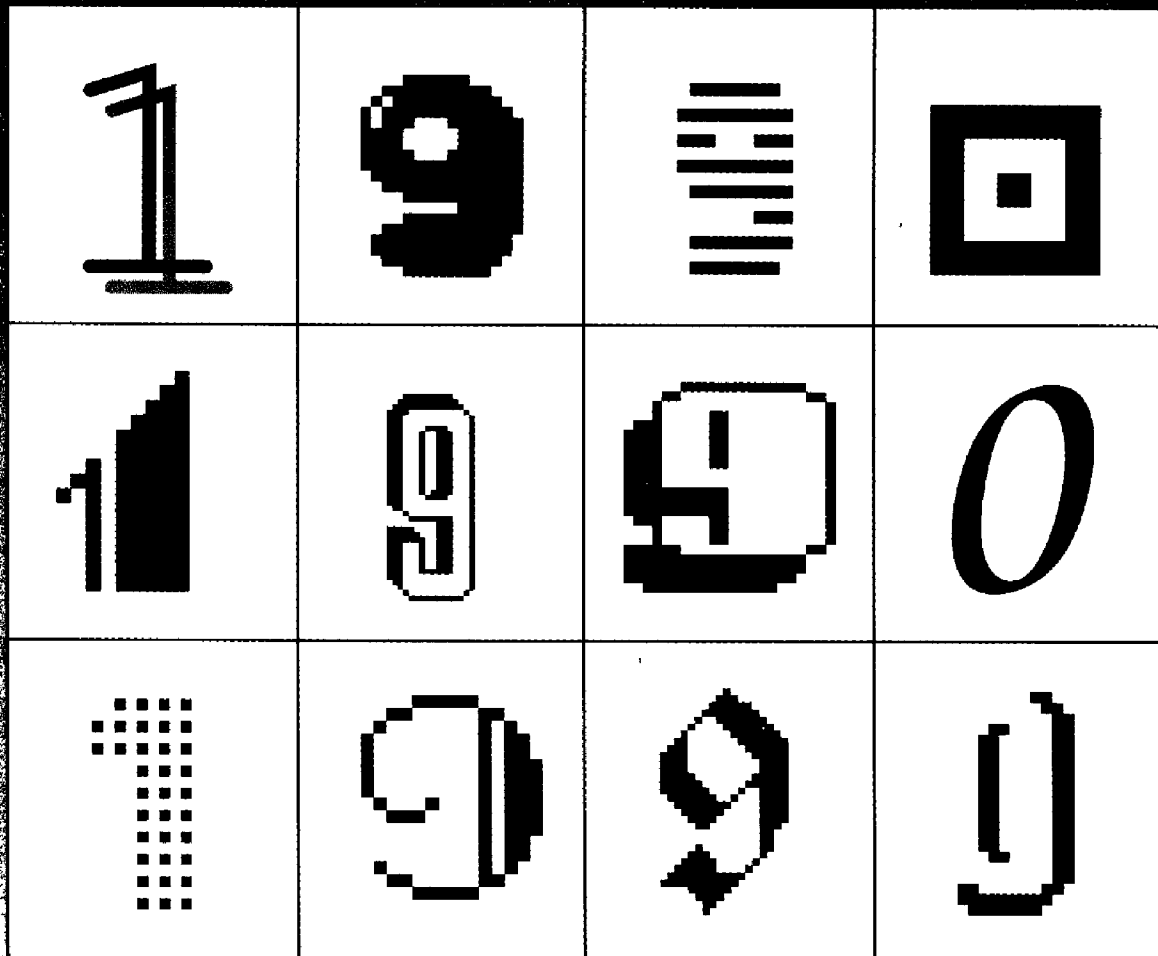

AMERICAN ACADEMY OF ACTUARIES
1990 YEARBOOK



When we build, let it be such work as our descendants will thank us for. and let us think, as we lay stone on stone, that the time will come when men will say as they look upon the labor and the substance,

“See! this our fathers did for us ”

JOHN RUSKIN

AMERICAN ACADEMY OF ACTUARIES

1990 YEARBOOK



PUBLISHED BY THE AMERICAN ACADEMY OF ACTUARIES

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LISTINGS AS OF NOVEMBER 1, 1989

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HISTORY OF THE AMERICAN ACADEMY OF ACTUARIES

On October 25, 1965, the American Academy of Actuaries was organized as an unincorporated association to serve the actuarial profession in the United States. The corresponding national body in Canada, the Canadian Institute of Actuaries, had been incorporated earlier that same year. For many years, the actuarial profession in North America had consisted of four bodies: the Casualty Actuarial Society, the Conference of Actuaries in Public Practice, the Fraternal Actuarial Association, and the Society of Actuaries. In 1964, the members of those four organizations, recognizing the need for a single body to represent actuaries of all specialties, approved formation of an all-inclusive organization of qualified United States actuaries.

The original plan had been to obtain a federal charter as the first step toward seeking legal recognition of the profession. When this could not be promptly obtained, the Academy was dissolved as an unincorporated association and, on April 29, 1966, was reorganized as a corporation under the Illinois General Not For Profit Corporation Act. Henry F. Rood, whose presidential address to the Society of Actuaries in 1958 had voiced the first formal proposal for such a national body, was elected president.

In September 1980, the Fraternal Actuarial Association, one of the four founding organizations, went out of existence. The dissolution indicated that the needs of fraternal actuaries have been increasingly met by other actuarial organizations and that the National Fraternal Congress was increasingly providing a forum for fraternal actuaries.

A new statement of purpose for the Academy was adopted by the Board of Directors on December 9, 1981, following an exposure process with the membership and extensive deliberations by the Board.

MEMBERSHIP REQUIREMENTS. Academy membership is intended to serve as the hallmark of a qualified actuary in the United States.

All residents who were Fellows (or the equivalent) of the four existing bodies on October 25, 1965, were automatically enrolled as Academy members, subject to their indicated assent by paying the dues. The number of charter members was 1,427.

The Academy immediately set about making its existence known to competent actuaries not eligible as charter members. It was required that any such actuary demonstrate to the Admissions Committee adequate knowledge and skills. Many were admitted by this route, some after passing special proctored examinations. A requirement of seven years of responsible actuarial experience (five years for Fellows by examination of the existing bodies) was imposed.

After January 1, 1970, educational requirements were gradually increased until 1976. In January 1976, an amendment to the bylaws created a new non-voting class of membership designated Affiliate of the American Acad-

emy of Actuaries. This class consisted of non-members of the Academy who became enrolled actuaries under the Employee Retirement Income Security Act of 1974 (ERISA), subject to acceptance of their applications by the Academy. Subsequently, in January 1979, the bylaws were further amended to eliminate the distinction between Affiliates and Members of the American Academy of Actuaries, as well as setting the experience required at three years of responsible actuarial work. Subsequently, the Academy board set the basic educational requirement at the Associateship level in the Casualty Actuarial Society or the Society of Actuaries or status as an enrolled actuary under ERISA.

Non-residents of the United States can be admitted to membership if they meet the Academy's educational and experience standards, can demonstrate familiarity with United States actuarial practices, and have a need to perform actuarial duties in the United States.

PROFESSIONAL CONDUCT. Guides to Professional Conduct were first issued in December 1965, were reconstituted into their current format in 1969, and have since been amplified and supplemented by Opinions. These Guides require the high standard of ethics and responsible performance expected of professionals, the Opinions aim to assist the practicing actuary in dealing with particular situations that may arise. The Board of Directors is assisted by separate committees in this field. One of these, the Committee on Guides to Professional Conduct, keeps the Guides and Opinions current and appropriate; the other, the Committee on Discipline, considers questions that arise about the conduct of any individual member.

STANDARDS OF PRACTICE. The Academy commenced issuing standards of practice, called Recommendations, in 1973. These Recommendations were supplemented by Interpretations. A major step forward in the development and management of standards of practice was taken in 1985 with the creation of the Interim Actuarial Standards Board (IASB). The IASB served as the prototype for a permanent Actuarial Standards Board (ASB), which was created in June 1988 by a bylaw amendment vote.

The ASB is a separate entity affiliated with the Academy. The Board has sole responsibility to initiate the development of and to adopt new standards. Standards of practice include statements on the techniques, applications, procedures, and methods that have been generally accepted by the profession. The Guides and related Opinions require actuaries to take these pronouncements into account and be prepared to support use of assumptions or methods that vary from them.

LEGAL RECOGNITION. In December 1966, the National Association of Insurance Commissioners adopted a resolution supporting recognized standards of actuarial competence and conduct and urging each commissioner to support the efforts of the Academy to gain official recog-

nition. Many states now have regulations that recognize Academy membership as qualification for signing insurance company annual statements; some have corresponding recognition for public employee retirement systems. The first state to act was Indiana, which provided by a 1968 law, for certification of actuaries by a state board. The general pattern followed in other states has been issuance of administrative orders or regulations.

In 1975, the responsibility expected of actuaries was spelled out by a new requirement that the actuary who signs a life insurance company annual statement must express an opinion on the actuarial elements, including an opinion on the adequacy of reserves. The Academy responded with Recommendations to the profession on how this responsibility should be met.

In 1980, a similar requirement was added to the property and liability insurance company annual statement, except that the requirement is at the discretion of the domiciliary insurance commissioner. Again the Academy responded with appropriate Recommendations to the profession.

In 1983, a statement of actuarial opinion similar to those cited above was added to the annual statement blanks for both health service corporations and health maintenance organizations; it was supported by Recommendations.

In the pension field, the 1974 legislation, ERISA, has established extensive and specific standards for actuarial reports, for disclosure and fiduciary relationships, and for the qualifications of actuaries in pension work.

EXPRESSIONS OF PROFESSIONAL OPINION. The first major influence of the Academy beyond the boundaries of the profession was in its response, beginning in 1972, to the audit guide for stock life insurance companies by the American Institute of Certified Public Accountants. This cooperative endeavor has led to regular and close association between the actuarial and accounting professions.

The Academy has also become increasingly active in dealing with various government entities on a variety of public issues. In 1982, the Board of Directors adopted Guidelines for Making Public Statements in connection with this activity. These guidelines were updated in 1987.

JOINT ACTIVITIES OF ACTUARIAL BODIES. The North American actuarial bodies cooperate in many ways, largely through joint sponsorship of actuarial examinations and through joint committees as needed. In December 1972, the Academy was instrumental in launching an informal body, the Council of Presidents, to foster even greater understanding and common purpose. In 1976, the actuarial organizations jointly formed the Actuarial Education and Research Fund to foster the growth of basic actuarial research throughout the profession and to arrange for necessary financing of such research. Finally, a number of joint committees and task forces have dealt with many issues of mutual interest.

ADMINISTRATION. At the outset, the Academy shared administrative facilities with the Society of Actuaries in

Chicago (since moved to Schaumburg, Illinois), which have since been broadened to serve the Conference of Actuaries in Public Practice as well. A major step to increase the value and influence of the Academy was taken in January 1976 when the Academy became headquartered in Washington, D.C. The Washington office is responsible for all staff functions other than those related to the membership data base which remain in Schaumburg.

MEETINGS Historically, the Academy, for the most part, has held its annual meetings in the fall of the year, in conjunction with the annual meeting of one of its founding organizations. In 1990, the Academy will begin holding its own, separate annual meeting, essentially an outgrowth of the established Washington briefing and luncheon. Starting in 1976, the Academy and the Conference of Actuaries in Public Practice began co-sponsoring the Enrolled Actuaries Meeting; in 1989, the Society of Actuaries was added as a co-sponsor. These meetings are a primary means of continuing education for pension actuaries across the nation. 1981 saw the introduction of a series of Casualty Loss Reserve Seminars, which are jointly sponsored by the Academy and the Casualty Actuarial Society; they are of particular interest to property/casualty actuaries and loss reserve specialists. In addition to these meetings, each year brings other jointly sponsored meetings, seminars, and workshops on a variety of subjects.

PUBLICATIONS. The Academy continues to expand the number and scope of its publications. Each year, the association publishes a *Yearbook*, which includes listings of members, committees, the Board of Directors, and Academy staff, as well as such material as bylaws, discipline procedures, and application for admission to the organization. The *Journal*, which began annual publication in 1975, a record of the association's annual meeting and official public statements, ceases publication with the 1987 edition. That information is now included in a special subject supplement to the Academy's newsletter, *The Actuarial Update*.

Each month the Academy publishes *The Actuarial Update* (which became a bimonthly publication in 1977, and began monthly production in 1981) and at least two supplements: the "Government Relations Watch" (started in 1982), a quick-reference summary of legislative, regulatory, and related activity in the public policy arena, and summary of legislative, regulatory, and related activity in the public policy arena, and the "ASB Boxscore" (started in 1987), a status report on various standards projects and Actuarial Standards Board news. In addition, the *Enrolled Actuaries Report*, a newsletter focusing on the concerns of pension actuaries, is published five times during the year.

In recent years the Academy has added a *Fact Book*, the *Issues Digest*, and a communications primer to its array of publications. The single most significant addition to the publications roster occurred in June 1989, with the premiere of *Contingencies*, a four-color, bimonthly magazine with advertising, aimed at both actuarial and non-actuarial audiences.

STATEMENT OF PURPOSE*

The purpose of the American Academy of Actuaries is to:

- Establish, promote and maintain high standards of competence, conduct and practice within the actuarial profession.
- Stimulate and encourage the advancement of the knowledge and the methods of practice in the actuarial profession
- Encourage and promote public understanding of the nature and scope of actuarial science.
- Provide for communication between actuaries and the public on questions of qualification, certification or licensing, and identification of actuaries.
- Represent the actuarial profession in areas of public issues and discussions involving actuarial concepts.
- Coordinate and interact with other professions and organizations in areas where joint participation can contribute to fulfilling public needs.

*The Academy's statement of purpose was adopted by the Board of Directors in 1981

BOARD OF DIRECTORS

OFFICERS.

	Term Expires
Harold J. Brownlee, <i>President</i>	1990
Mavis A. Walters, <i>President-Elect</i>	1990
Harry D. Garber, <i>Vice President</i>	1991
Harper L. Garrett, Jr., <i>Vice President</i>	1990
John H. Harding, <i>Vice President</i>	1990
Daniel J. McCarthy, <i>Vice President</i>	1991
Virgil D. Wagner, <i>Secretary</i>	1990
Thomas D. Levy, <i>Treasurer</i>	1990

PAST PRESIDENTS:

John A. Fibiger	1990
W. James MacGinnitie	1991

ELECTED:

Lawrence N. Bader	1990
Albert J. Beer	1991
Howard J. Bolnick	1992
John K. Booth	1991
Charles A. Bryan	1991
Robert J. Callahan	1990
Howard J. Fluhr	1990
Ruth F. Frew	1991
Michael Fusco	1990
Ardian C. Gill	1990
John K. Kittredge	1991
Stephen P. Lowe	1992
Robert A. Miller III	1992
Thomas G. Nelson	1992
R. Stephen Radcliffe	1992
LeRoy J. Simon	1990
William T. Tozer	1991
Larry D. Zimpleman	1992

BOARD OF DIRECTORS



Harold J. Brownlee
President



Mavis A. Walters
President-Elect



Harry D. Garber
Vice President



Harper L. Garrett, Jr.
Vice President



John H. Harding
Vice President



Daniel J. McCarthy
Vice President



Virgil D. Wagner
Secretary



Thomas D. Levy
Treasurer



John A. Fibiger
Past President



W. James MacGinnitie
Past President



Lawrence N. Bader



Albert J. Beer



Howard J. Bolnick



John K. Booth



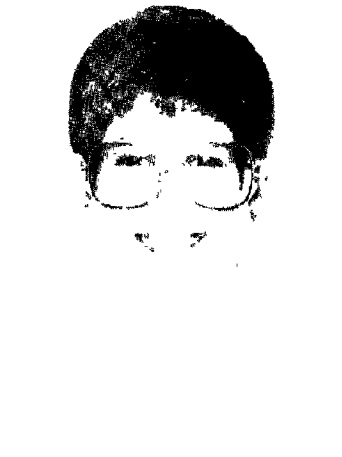
Charles A. Bryan



Robert J. Callahan



Howard J. Fluhr



Ruth F. Frew



Michael Fusco



Ardian C. Gill



John K. Kittredge



Stephen P. Lowe



Robert A. Miller III



Thomas G. Nelson



R. Stephen Radcliffe



LeRoy J. Simon



William T. Tozer



Larry D. Zimpleman

ACADEMY STAFF



James J. Murphy
Executive Vice President



Gary D. Hendricks
*Director of Government Information
and Chief Economist*



Christine E. Nickerson
Director, Standards Program



Erich Parker
Director of Public Relations



Gary D. Simms
*General Counsel and
Director of Operations*

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Secretary/Standards

Jeanne E. Casey
Public Relations Specialist

Kathleen M Clark
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and Chief Economist*

Alan M. Kennedy
Standards Technical Writer

Ken Krehbiel
Public Relations Specialist

Rita L. Marciniak
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Sandy Martin
Convention Coordinator

Dana H. Murphy
Editor, Contingencies

Christine E. Nickerson
Director, Standards Program

Erich Parker
Director of Public Relations

Andrea A. Pinkney
Secretary/Public Relations

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Convention Manager

Gary D. Simms
*General Counsel and
Director of Operations*

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FAX 708/706-3599

Susan C. Schneider, *Membership Manager*

ACADEMY COMMITTEES

Academy committees and task forces are appointed annually, the period running from the close of one annual meeting to the next.

COMMITTEES UNDER THE SUPERVISION OF THE PRESIDENT

Harold J. Brownlee

EXECUTIVE COMMITTEE

Between meetings of the Board, this Committee has the same powers as the Board, with certain exceptions listed in Article IV of the Bylaws. Ordinarily, it acts only in matters of urgency or lesser importance and makes recommendations to the Board in important matters.

Harold J. Brownlee <i>President</i>	Harry D. Garber <i>Vice President</i>
Mavis A. Walters <i>President-Elect</i>	Harper L. Garrett, Jr. <i>Vice President</i>
Virgil D. Wagner <i>Secretary</i>	John H. Harding <i>Vice President</i>
Thomas D. Levy <i>Treasurer</i>	Daniel J. McCarthy <i>Vice President</i>
W. James MacGinnitie, <i>Immediate Past President</i>	

COMMITTEES UNDER THE SUPERVISION OF THE PAST PRESIDENT

W. James MacGinnitie

NOMINATING COMMITTEE

This Committee is responsible for nominating a slate of candidates for the Board of Directors for presentation to the Annual Meeting, and for nominating a slate of candidates for Academy Officers for presentation to the Board of Directors.

John A. Fibiger, <i>Chairperson</i>	
W. James MacGinnitie, <i>Vice Chairperson</i>	
Daphne D. Bartlett	G. Patrick Byrnes
Harold J. Brownlee	Ray Cole
Charles A. Bryan	Mavis A. Walters

TASK FORCE ON ACTUARIAL PUBLIC SERVICE

Dwight K. Bartlett, III, <i>Chairperson</i>	
Carole Banfield	Toni Hustead
Philip Ben-Zvi	Leonard McVity
A. Norman Crowder, III	A. Haeworth Robertson
Benjamin Gottlieb	

COMMITTEES UNDER THE SUPERVISION OF THE PRESIDENT-ELECT

Mavis A. Walters

COMMITTEE ON PLANNING

This Committee is to review the Academy's objectives, and to recommend alternative strategies that should be considered to achieve these objectives, and how these strategies might be modified under alternative external developments or future changes in the Academy's environment.

Mavis A. Walters, <i>Chairperson</i>	
Daphne D. Bartlett	Stephen H. Lehman
Barnet N. Berin	W. James MacGinnitie
Richard J. Fallquist	Charles L. McClenahan
Allan M. Kaufman	Robert W. Webb

CASUALTY PRACTICE AREA UNDER THE SUPERVISION OF THE PRESIDENT-ELECT

Mavis A. Walters

COMMITTEE ON PROPERTY AND LIABILITY ISSUES

The function of this Committee is to monitor legislative and regulatory activities in the property and liability area. The Committee may prepare statements on property and liability issues for dissemination to the membership or for submission to appropriate organizations, both governmental and private. Issues on certain specialty subjects, such as financial reporting and risk classification, are generally referred to the appropriate committee for action.

Robert V. Deutsch, *Chairperson*

Carole J. Banfield	Frank Neuhauser, Jr.
William N. Bartlett	Dale F. Ogden
Donald T. Bashline	Charles M. Potok
Ross A. Currie	John M. Purple
John Dawson	Lee R. Steeneck
Jeffrey H. Mayer	Frank T. White
Robert T. Muleski	

COMMITTEE ON PROPERTY AND LIABILITY INSURANCE FINANCIAL REPORTING

The function of this Committee is to monitor activities regarding financial reporting related to property and liability insurance, review proposals made by various governmental and non-governmental organizations affecting accounting and auditing issues related to property and liability insurance, and generally be responsible for analysis and recommendations on property and liability insurance accounting issues. When appropriate, the Committee will prepare written or oral discussion of such issues for presentation.

David G. Hartman, *Chairperson*

Dean R. Anderson	Anne E. Kelly
Robert Arvanitis	Terrence M. O'Brien
Paul Braithwaite	Paul G. O'Connell
Vincent P. Connor	Vincent T. Rowland
Edward W. Ford	Walter C. Wright, III
Robert P. Irvan	James W. Yow
Allan M. Kaufman	

JOINT PROGRAM COMMITTEE FOR CASUALTY LOSS RESERVE SEMINAR

This Committee is responsible for the development of a program for Casualty Loss Reserve Seminars co-sponsored by the Academy and the Casualty Actuarial Society.

Patrick J. Grannan, *Chairperson*

Bruce C. Bassman, *Vice Chairperson*

James E. Buck, Jr.	Susan M. Miller
Howard L. Cohen	Nancy R. Myers
Robert J. Finger	Terrence M. O'Brien
Russell T. John	Edward C. Shoop
Orin M. Linden	Jane C. Taylor

HEALTH PRACTICE AREA UNDER THE SUPERVISION OF THE VICE PRESIDENT

Harper L. Garrett, Jr.

COMMITTEE ON HEALTH

The function of this Committee is to further the actuarial profession's involvement as a responsible voice to individuals and organizations involved in policy issues relating to design, cost, and financing of the nation's health care. The Committee performs its role in part by monitoring legislative and regulatory activities in the health area on both the federal and state levels. It is also alert to developments from other sources and stays informed of the issues faced by our nation in its quest for appropriate, sound health care and its financing. The Committee may prepare statements on key health issues for dissemination to the membership or for submission to appropriate organizations, both governmental and private. Issues on other specialty subjects, such as financial reporting, risk classification, and health and welfare plans, are generally referred to the appropriate committee for action.

Edward J. Wojcik, *Chairperson*

Paul Janus, *Vice Chairperson*

Alfred A. Bingham, Jr.	Roland E. King
William J. Bugg, Jr.	Jerry E. Lusk
Edward H. Friend	Bartley L. Munson
Larry M. Gorski	Harry L. Sutton, Jr.
Sam Gutterman	Gordon R. Trapnell
Thomas L. Handley	Norman J. Zwitter
Timothy M. Harrington	

Subcommittee on Liaison with NAIC
Accident and Health (B) Committee

William J. Bugg, Jr., *Chairperson*

William F. Bluhm, *Vice Chairperson*

Delmar F. Borah	John A. Hartnedy
Dorothea D. Cardamone	Frank Rubino
Judith A. Discenza	Thomas J. Stoiber
Mark V. Hartman	

COMMITTEE ON HEALTH AND WELFARE PLANS

This Committee addresses actuarial issues affecting health and welfare plans. The Committee researches the actuarial aspects of such issues, and prepares statements of position on pending or potential legislation, regulation and policy. Such statements may be directed to the membership, the Board of Directors, or for submission to appropriate governmental or private organizations.

Certain issues on specialty subjects, such as those relating to actuarial standards of practice, alternate health care delivery systems and risk classification, are generally referred to the appropriate committee for action.

In coordinating its activities, the Committee maintains liaison with the Committee on Health, the Actuarial Standards Board and other actuarial bodies.

Jeffrey P. Petertil, *Chairperson*

John J. Bauer	Adam J. Reese
John M. Bertko	Carl D. Smith
Steven J. Ferruggia	Eric L. Smithback
Stephen A. Meskin	Harvey Sobel
Byron D. Murgatroyd, Jr.	George B. Wagoner, Jr.
Richard Ostuw	Edward J. Wojcik
Mark D. Peavy	

Subcommittee on Benefit Values

Richard Ostuw, *Chairperson*

Byron D. Murgatroyd, Jr.	George B. Wagoner
Eric L. Smithback	Edward J. Wojcik

Subcommittee on Retiree Benefits

John M. Bertko, *Chairperson*

John J. Bauer	Stephen A. Meskin
Steven J. Ferruggia	Eric L. Smithback

COMMITTEE ON CONTINUING CARE RETIREMENT COMMUNITIES

The function of this Committee is to define and develop the actuarial role in connection with continuing care retirement communities. The Committee may prepare statements for dissemination to the membership or for the submission to governmental entities or to the accounting profession. The Committee will establish liaison with and develop a communications outreach program to the CCRC community.

Alwyn V. Powell, *Chairperson*

Charles C. DeWeese, *Vice Chairperson*

Harold L. Barney	Robert A. Hall
Christian J. DesRochers	David L. Hewitt
Jarvis Farley	Leslie E. Korper II
Charles E. Farr	Bruce L. Workman

TASK FORCE ON NATIONAL RETIREMENT INCOME POLICY

The function of this task force is to explore the desirability and feasibility of developing a National Retirement Income Policy on behalf of the actuarial profession.

Kenneth A. Steiner, *Chairperson*

Jeff Furnish	Richard K. Kischuk
Stewart Hack	Patricia L. Scahill
Peter L. Hutchings	Larry D. Zimpleman

LIFE PRACTICE AREA UNDER THE SUPERVISION OF THE VICE PRESIDENT

John H. Harding

COMMITTEE ON LIFE INSURANCE

The function of this Committee is to monitor legislative and regulatory activities in the life insurance area. The Committee may prepare statements on life insurance issues for dissemination to the membership or for submission to appropriate organizations, both governmental and private. Issues on certain specialty subjects, such as financial reporting and risk classification, are generally referred to the appropriate committee for action.

John J. Palmer, *Chairperson*

Jeffrey N. Altman	Phillip K. Polkinghorn
William Carroll	Stephen A. J. Sedlak
Donna R. Claire	Ronald L. Stopher
Helen Galt	James R. Swenson
David M. Holland	Joseph H. Tan
Edward P. Mohoric	

COMMITTEE ON LIFE INSURANCE FINANCIAL REPORTING

The function of this Committee is to monitor activities regarding financial reporting related to life and health insurance, review proposals made by various governmental and non-governmental organizations affecting accounting and auditing issues related to life and health insurance, and generally be responsible for analysis and recommendations on life and health insurance accounting issues. When appropriate, the Committee will prepare written or oral discussion of such issues for presentation.

Paul F. Kolkman, *Chairperson*

William T. Bryan	Robert W. Omdal
Dennis L. Carr	Barry Paul
J. Peter Duran	David Y. Rogers
Douglas A. Eckley	Howard L. Rosen
Lonnie A. Etheridge	William Schreiner
John T. Glass	Jerome F. Seaman
Allan Hale Johnson	Dennis L. Stanley
Robert J. LaLonde	Diane Wallace
S. Michael McLaughlin	Melville J. Young
Lew H. Nathan	

JOINT COMMITTEE ON THE VALUATION ACTUARY

This Committee serves as a steering committee to:

1. communicate and coordinate with non-actuarial audiences, such as insurance regulators, the insurance industry, and the accounting profession; and
2. coordinate the work of committees within the actuarial profession addressing the problems relating to the responsibilities of the valuation actuary in the United States.

Walter S. Rugland, AAA, *Chairperson*

William Carroll, AAA	Richard S. Miller, CAPP
Donald D. Cody, SOA	Robert A. Miller, III, CAS
John H. Flittie, SOA	R. Stephen Radcliffe, AAA
Horace W. McCubbin, CIA	Donald R. Sondergel, SOA

PENSION PRACTICE AREA UNDER THE SUPERVISION OF THE VICE PRESIDENT

Daniel J. McCarthy

PENSION COMMITTEE

This Committee deals with actuarial issues affecting pension plans other than issues related to accounting matters, actuarial standards of practices, and risk classification.

The Committee is charged with carrying out the following functions in so far as each relates to such actuarial issues:

1. research issues and prepare and present position statements on pending legislation and regulations;
2. coordinate the research and project activities to be undertaken by the actuarial profession; and
3. recommend policy to the Board of Directors.

In carrying out its coordination function, the Committee maintains liaison with the Committee on Pensions of the Conference of Actuaries in Public Practice and the Committee on Pensions and the Pension Section of the Society of Actuaries.

John B. Thompson, *Chairperson*

Vincent P. Amoroso	Samuel M. Kikla
Steven Bland	Eric P. Lotgren
Thomas J. Cavanaugh	Kathryn G. Marticello
Darrel J. Croot	William Napoli, Jr.
Kathleen S. Elder	Richard G. Roeder
Jeff Furnish	Richard G. Schreitmueller
Ronald Gebhardtshauer	Donald J. Segal
Sandor Goldstein	Ronnie Susan Thierman
Keith J. Goodell	James E. Turpin
Steven J. Haas	Nancy R. Wagner
Duane F. Hanf	Wallace W. Wilson
Allan W. Johnson	

COMMITTEE ON PENSION ACCOUNTING

The function of this Committee is to monitor activities regarding financial reporting related to pension plans, review proposals made by various governmental and non-governmental organizations affecting accounting and auditing issues related to pension plans, and generally be responsible for analysis and recommendations on pension accounting issues. When appropriate, the Committee will prepare written or oral discussion of such issues for presentation.

Darrel J. Croot, *Chairperson*

Paul W. Barker	Frederick M. Green
Steven Bland	James M. Jackson
Doris J. Bennett	Lawrence A. Johansen
Thomas J. Cavanaugh	David R. Kass
K. Eric Freden	James F. Verlautz
Benjamin I. Gottlieb	Henry N. Winslow

COMMITTEE ON SERVICES TO ENROLLED ACTUARIES

The function of this Committee is to assist the Board of Directors of the Academy in formulating and implementing a meaningful program of services to enrolled actuaries.

Kathleen S. Elder, *Chairperson*

Loyd Hopper	Wood C. Sisarcick
Erwin S. Janush	Robert D. Steinhorn
Larry M. O'Maley	

COMMITTEE ON SOCIAL INSURANCE

This Committee is to provide and promote actuarial reviews and analyses of social insurance systems of the United States. Its significant findings will be reported to the Board of Directors and may be used to provide information for the Academy membership or for public expression of professional opinion. The Committee's activities will be coordinated with those of corresponding committees of other North American actuarial bodies.

Robert J. Myers, *Chairperson*

Stephen G. Kellison, *Vice Chairperson*

Francisco R. Bayo	Joseph L. Petrelli
James A. Beirne	Gregory J. Savord
James M. Berry	Bruce D. Schobel
Benjamin I. Gottlieb	Kenneth A. Steiner
Peter G. Hendee	Hal S. Tepfer
Edwin C. Husted	

TASK FORCE ON PENSION PLAN TERMINATIONS

Howard M. Phillips, *Chairperson*

JOINT PROGRAM COMMITTEE FOR ENROLLED ACTUARIES MEETING

This Committee is responsible for the development of a program for the meetings for Enrolled Actuaries cosponsored by the Academy, the Conference of Actuaries in Public Practice, and the Society of Actuaries.

Neil A. Parmenter, *Chairperson*

Elizabeth C. Berni, *Vice Chairperson*

Twila C. Bastian	Roger N. Marietti
Barbara K. Blatt	Eugene Schloss
Donald R. Fleischer	Lawrence J. Sher
Howard Fluhr	Peter D. Verne
Douglas C. Holden	Richard A. Watts
Eric P. Larson	Vickie N. Williams
Jeffrey A. Levy	

PROFESSIONALISM AREA UNDER THE SUPERVISION OF THE VICE PRESIDENT

Harry D. Garber

COMMITTEE ON DISCIPLINE

This Committee considers directly, or by appointed subcommittees, questions that arise about the conduct of a member in his relationship to the Academy or its members, or in professional practice, or affecting the interests of the profession, takes action as provided by the Bylaws, and makes appropriate recommendations and reports to the Board of Directors.

John A. Fibiger, *Chairperson*

Cecil D. Bykerk	James A. Miles
Susan Comstock	William David Smith
Harry D. Garber	Richard M. Stenson
Ardian C. Gill	Robert E. Swett
Richard L. Helms	Karen A. Unterreiner
Barbara J. Lautzenheiser	Bernard L. Webb
George S. Ling	David M. Welsh
Denis W. Loring	Willard Witherspoon, Jr.

COMMITTEE ON GUIDES TO PROFESSIONAL CONDUCT

This Committee is responsible for drafting Guides to Professional Conduct and Interpretative Opinions, and also for revising or recommending the elimination of existing Guides and Opinions for action by the Board of Directors. The Committee answers inquiries about professional conduct, whether of a general or specific nature.

Douglas J. Collins, *Chairperson*

Harold L. Barney	William P. Link
Jarvis Farley	David M. Reade
Patricia Guinn	James R. Swenson
Douglas S. Haseltine	

COMMITTEE ON PROFESSIONAL RESPONSIBILITY

William David Smith, *Chairperson*

COMMITTEE ON QUALIFICATIONS

The purpose of this Committee is to identify and recommend to the Board of Directors minimum qualification standards for members who perform publicly required actuarial functions. It would also investigate questions relating to qualification problems and counsel with members on questions relating to individual qualifications.

James F. Reiskytl, *Chairperson*

Timothy J. Alford	John B. Snyder
John K. Booth	Michael A. Walters
Burnett Halstead	Charles Barry H. Watson
Joseph J. Leube	Walter C. Woodward
Walter S. Rugland	

TASK FORCE ON CONTINUING EDUCATION REQUIREMENTS AND RECOGNITION

Daniel J. McCarthy, *Chairperson*

Irene K. Bass	Ruth F. Frew
Robert L. Brown	Burton D. Jay
Ray Cole	

COMMITTEES UNDER THE SUPERVISION OF THE SECRETARY

Virgil D. Wagner

ADMISSIONS COMMITTEE

Under the provisions of Article I, Section 2, of the Bylaws, this Committee reviews applications for admission and makes recommendations to the Executive Committee. Such recommendations are based on evidence of the applicant's having met educational, experience, and other prescribed requirements.

Judy A. Faucett, *Chairperson*

Linda S. Need Steven L. Ostlund
Bruce T. Ogg David W. Simbro

COMMITTEE ON RISK CLASSIFICATION

This Committee has the responsibility for keeping the membership of the Academy advised of major developments relating to risk classification that affect retirement plans, welfare plans and insurance, both governmental and private. It may also conduct or sponsor research on issues related to risk classification. It will also prepare reports, as appropriate, on such issues for dissemination to the membership and for submission to appropriate organizations, both governmental and private.

Jean M. Wodarczyk, *Chairperson*

David Christianson Karen Perry
John F. Fritz W. Keith Sloan
Joan E. Herman Donald B. Thaler
James B. Keller Richard G. Woll
John J. Kollar Everett D. Wong
John W. Paddon

COMMITTEE ON PUBLICATIONS

This Committee is responsible for all Academy publications.

Roland E. King, *Chairperson*

The Actuarial Update

Editor

Evelyn Toni Mulder

Associate Editors

Warren P. Cooper

Charles Barry H. Watson

The Enrolled Actuaries Report

Editor

Silvio Ingui

Associate Editors

Jan R. Harrington

A. Richard LaBombarde

Donald J. Segal

EDITORIAL ADVISORY BOARD FOR CONTINGENCIES

Roland E. King, *Chairperson*

Daphne D. Bartlett Dale Nelson
Frederick W. Kilbourne Craig A. Olney
Evelyn Toni Mulder Richard S. Robertson

COMMITTEE ON RELATIONS WITH ACCOUNTANTS

This Committee and the parallel AICPA Relations with Actuaries Committee provide a constantly available facility for communication between the two professions. They meet jointly at regular intervals, as well as whenever specific need arises, to discuss policy matters involving the two professions.

Task forces will operate under the aegis of each profession's committee, as needed, to work on particular questions. However, this Committee initiates dialogue at an early stage of any situation involving both professions and provides a means for anyone in either profession to seek an answer to a question involving the expertise of the other profession.

Edwin F. Boynton, *Chairperson*

Darrel J. Croot Walter N. Miller
Walter J. Fitzgibbon, Jr. Thomas G. Nelson
David G. Hartman LeRoy B. Parks, Jr.
Paul F. Kolkman Jerome A. Scheibl

COMMITTEES UNDER THE SUPERVISION OF THE TREASURER

Thomas D. Levy

BUDGET AND FINANCE COMMITTEE

The duties of this Committee are:

1. to prepare financial projections;
2. to prepare the annual budget;
3. to recommend the dues structure to the Board of Directors; and
4. to develop and maintain the investment policy for Academy funds, such policy to be implemented by the Treasurer.

Thomas D. Levy, *Chairperson*

Mavis A. Walters William T. Tozer
Charles A. Bryan Virgil D. Wagner
Thomas G. Nelson, Jr.

Audit Subcommittee

William T. Tozer, *Chairperson*

Charles A. Bryan Thomas G. Nelson, Jr.

JOINT COMMITTEES

COUNCIL OF PRESIDENTS

This is an informal body whose purposes are to coordinate activities of the actuarial organizations on this continent and to exchange views on current and long-term professional questions. Its membership consists of the Presidents and the Presidents-Elect of the Academy and of the first four bodies listed as "Other Actuarial Organizations" in this *Yearbook*.

Allan D. Affleck, SOA	Ray Cole, CAPP
Daphne D. Bartlett, SOA	Michael Fusco, CAS
Robert L. Brown, CIA	Peter C. Hirst, CIA
Harold J. Brownlee, AAA	Irwin I. Kent, CAPP
Charles A. Bryan, CAS	Alan J. Stonewall, ASPA
G. Patrick Byrnes, ASPA	Mavis A. Walters, AAA

JOINT TASK FORCE ON COVENANT

John H. Harding, *Chairperson*

Daphne D. Bartlett	G. Patrick Byrnes
Robert L. Brown	Ray Cole
Charles A. Bryan	Mavis A. Walters

JOINT TASK FORCE ON PROFESSIONALISM

Harry D. Garber, *Chairperson*

Dwight K. Bartlett III, SOA	Jarvis Farley, AAA, ASPA
Kenneth T. Clark, CIA, CAS	David P. Flynn, CAS
	David L. Hewitt, CAPP
	Carl Shalit, ASPA

ACTUARIAL EDUCATION AND RESEARCH FUND

The Board of Directors is the governing body of the Actuarial Education and Research Fund. This fund carries out research and education projects in the field of actuarial science and studies specific projects which could be advanced under this mechanism

Curtis E. Huntington, SOA, *Chairperson*

Stephen G. Kellison, AAA, *Secretary*

Randall J. Dutka, CIA, *Treasurer*

R. William Dozier, Jr., AAA	Owen A. Reed, CIA
Fenton R. Isaacson, CAPP	Courtland C. Smith, SOA
J. Gary LaRose, CAS	Jane C. Taylor, CAS
	Charles Barry H. Watson, CAPP

ACTUARIAL STANDARDS BOARD AND COMMITTEES

ACTUARIAL STANDARDS BOARD

The Actuarial Standards Board (ASB) was established as an independent entity within the Academy on July 1, 1988. The ASB has the authority: to prescribe its own operating procedures; to establish committees, subcommittees, and task forces it may deem necessary in carrying out its assigned functions; and, to appoint individuals to positions on such committees, subcommittees, and task forces. The foregoing authority may in turn be redelegated by the ASB to its Operating Committees. The Operating Committees report to the ASB and function under its direction. The ASB also has the authority (which may not be redelegated) to authorize exposure of proposed standards and to adopt recommended standards of practice.

The ASB is hereby charged:

1. to direct and manage the development of standards of practice in all areas of actuarial practice;
2. to identify the need for actuarial standards of practice in all areas of actuarial practice;
3. to review standards of practice and determine whether they are in need of amendment, alteration, expansion, or elimination;
4. to cooperate with the Committee on Discipline as requested by the Chairperson of that committee;
5. to determine whether different categories of standards of practice would be more appropriate;
6. to develop a uniform format for exposure drafts and standards of practice;
7. to take steps to enhance the current exposure process regarding standards of practice, and to implement or cause to be implemented ways in which actuaries and other interested parties will more actively participate in the exposure process;
8. to determine appropriate way(s) to publish standards of practice;
9. to promote the value of and adherence to standards of practice;
10. to develop its own rules of procedure for organizations which are not in conflict with the requirements in its plan of operation; and
11. to take all steps necessary to accomplish the other specific tasks in its plan of operation.

Walter N. Miller, *Chairperson*

Jack M. Turnquist, *Vice Chairperson*

George B. Swick, *Vice Chairperson*

E. Paul Barnhart

James C. Hickman

Gary Corbett

Frederick W. Kilbourne

Willard A. Hartman

P. Adger Williams

CASUALTY COMMITTEES OF THE ASB

In accordance with procedures prescribed by the Actuarial Standards Board, this Committee is to develop actuarial standards of practice in the property and liability insurance area.

Michael J. Miller, *Chairperson*

Martin Adler	Steven L. Groot
James R. Berquist	James A. Hall, III
Richard Beverage	E. LeRoy Heer
Richard S. Biondi	Bertram A. Horowitz
LeRoy A. Boison, Jr.	Eldon J. Klaassen
Douglas J. Collins	R. Michael Lamb
James A. Faber	Robert J. Lindquist
Daniel J. Flaherty	Jerry A. Miccolis
David P. Flynn	Robert A. Miller, III
Spencer M. Gluck	Gary K. Ransom
Robert W. Gossrow	Alfred O. Weller
David J. Grady	Paul E. Wulterkens
Gary Grant	

Subcommittee on Ratemaking
LeRoy A. Boison, Jr., *Chairperson*

Subcommittee on Reserving
James A. Faber, *Chairperson*

Subcommittee on Valuation
Douglas J. Collins, *Chairperson*

HEALTH COMMITTEE OF THE ASB

In accordance with procedures prescribed by the Actuarial Standards Board, this Committee is to develop actuarial standards of practice in the health field.

Larry M. Gorski, *Chairperson*

Herbert A. Fritch	James L. Purdy
Spencer Koppel	Robert J. Schuler
William H. Odell	Richard J. Shepler
David F. Ogden	Allen J. Sorbo
John A. Price	Joe P. Sternfeld

LIFE COMMITTEE OF THE ASB

In accordance with procedures prescribed by the Actuarial Standards Board, this Committee is to develop actuarial standards of practice in the life insurance area.

Harold G. Ingraham, Jr., *Chairperson*

Timothy F. Harris	James B. Milholland
Burton D. Jay	Edward S. Silins
Paul F. Kolkman	Donald R. Sondergeld
Robert W. Maull	William T. Tozer

PENSION COMMITTEE OF THE ASB

In accordance with procedures prescribed by the Actuarial Standards Board, this Committee is to develop actuarial standards of practice in the pension area.

Richard G. Roeder, *Chairperson*

Lall Bachan	Kenneth W. Porter
Robert S. Byrne, Jr.	Harry S. Purnell
Anthony C. Deutsch	John A. Steinbrunner
Silvio Ingui	William C. Spencer
Judith E. Latta	

RETIREE HEALTH CARE COMMITTEE
OF THE ASB

In accordance with procedures prescribed by the Actuarial Standards Board, this Committee is to develop actuarial standards of practice in the retiree health care and death benefits area.

Kenneth W. Porter, *Chairperson*

Alan S. Breitman	Joseph P. Macaulay
John D. Bohon	Stephen A. Meskin
Harry A. Don	George J. Roccas
Steven J. Ferruggia	Donald E. Sanning
Robert W. Haver	Irwin J. Stricker
John Patrick Kinney, III	Bernard J. Villa

SPECIALTY COMMITTEE OF THE ASB

In accordance with procedures prescribed by the Actuarial Standards Board, this Committee is to develop actuarial standards of practice in areas not addressed by the Committees above.

Jarvis Farley, *Chairperson*

Steven A. Harrold	Robert J. Myers
Phillip D. Miller	Richard S. Robertson

TASK FORCE ON LONG-TERM CARE

In accordance with procedures prescribed by the Actuarial Standards Board, this Task Force is to develop actuarial standards of practice in the area of long-term care.

Bartley L. Munson, *Chairperson*

Donald M. Charsky	Edward A. Murphy
Abraham S. Gootzeit	Dennis M. O'Brien
James T. Helton	Gerald R. Shea
John Patrick Kinney, III	

EDITORIAL ADVISORY COMMITTEE OF THE ASB

Mary S. Adams, *Chairperson*

Charles E. Farr	Jerome A. Scheibl
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LIAISON APPOINTMENTS

LIAISON MEMBER ON THE
EDUCATION POLICY COMMITTEE
OF THE SOCIETY OF ACTUARIES

Peter Hepokoski

LIAISON MEMBER ON THE EDUCATION
POLICY COMMITTEE OF THE
CASUALTY ACTUARIAL SOCIETY

Gustave A. Krause

COMMITTEE APPOINTMENT GUIDELINES

PREAMBLE

In accordance with the Bylaws of the American Academy of Actuaries, the President appoints committees authorized by the Board of Directors. To aid the President in making such appointments the Board adopted the following guidelines with this preamble at its meeting on October 31, 1980. These guidelines reflect the Board's intention to involve as many members as possible in committee activities without sacrificing continuity. However, the effectiveness of committee work is paramount and as a consequence strict adherence to the guidelines is not expected, particularly with respect to committees that interface regularly with other professions and/or government.

Committees for which specific appointment rules are established by the Board (e.g. Nominating Committee, Actuarial Standards Board) are exempt from the guidelines. Appointments to joint committees and liaison appointments are subject to the guidelines applicable to standing committees, although certain of the liaison appointments must be Board members pursuant to Academy policy and agreements with other organizations.

GUIDELINES

- (1) All members of the Academy are eligible to serve on committees.
- (2) An officer of the Academy should not serve on any committee except in an ex officio capacity.
- (3) A person should be chairperson of a standing committee for no more than three years and should retire from the committee after serving as chairperson.
- (4) A person should remain on a standing committee for no more than three years unless such person becomes chairperson by the end of that period.
- (5) In general, a person should not serve concurrently on more than one standing committee.
- (6) In general, a person appointed to a task force or a special committee is expected to serve until the task force or special committee is discharged.

PAST OFFICERS

1965-66		1966-67		1977-78		1978-79
Henry F Rood	<i>President</i>	Thomas E. Murrin		Edwin E. Boynton	<i>President</i>	Dale R. Gustafson
Thomas E. Murrin	<i>President-Elect</i>	John H. Miller		Dale R. Gustafson	<i>President-Elect</i>	Ronald L. Bornhuetter
Frank J. Gadiant	<i>Vice Presidents</i>	Frank J. Gadiant		Ronald L. Bornhuetter	<i>Vice Presidents</i>	Preston C. Bassett
Laurence H. Longley-Cook		Laurence H. Longley-Cook		Louis Garfin		Charles C. Hewitt, Jr.
John H. Miller		H. Raymond Strong		Preston C. Bassett		Herbert L. DePrenger
H. Raymond Strong		Andrew C. Webster		Charles C. Hewitt, Jr.		Walter L. Grace
George M. Bryce	<i>Secretary</i>	Norton E. Masterson		Dwight K. Bartlett III	<i>Secretary</i>	Dwight K. Bartlett III
Robert E. Bruce	<i>Treasurer</i>	Robert E. Bruce		James O. Webb	<i>Treasurer</i>	Kevin M. Ryan
1967-68		1968-69		1979-80		1980-81
John H. Miller	<i>President</i>	Wendell Millman		Ronald L. Bornhuetter	<i>President</i>	Walter L. Grace
Wendell Millman	<i>President-Elect</i>	Walter L. Rugland		Walter L. Grace	<i>President-Elect</i>	William A. Halvorson
Edward D. Brown, Jr.	<i>Vice Presidents</i>	Edward D. Brown, Jr.		Mary H. Adams	<i>Vice Presidents</i>	Richard S. Robertson
William J. Leslie, Jr.		William J. Leslie, Jr.		Herbert L. DePrenger		P. Adger Williams
Frank J. Gadiant		Paul T. Rotter		Richard S. Robertson		A. Norman Crowder III
Allen L. Maverson		Harold W. Schloss		P. Adger Williams		Bartley L. Munson
Norton E. Masterson	<i>Secretary</i>	Norton E. Masterson		Charles B. H. Watson	<i>Secretary</i>	Charles B. H. Watson
Robert E. Bruce	<i>Treasurer</i>	Robert E. Bruce		Kevin M. Ryan	<i>Treasurer</i>	Kevin M. Ryan
1969-70		1970-71		1981-82		1982-83
Walter L. Rugland	<i>President</i>	H. Raymond Strong		William A. Halvorson	<i>President</i>	P. Adger Williams
H. Raymond Strong	<i>President-Elect</i>	Robert J. Myers		P. Adger Williams	<i>President-Elect</i>	A. Norman Crowder III
Paul T. Rotter	<i>Vice Presidents</i>	Donald F. Campbell		A. Norman Crowder III	<i>Vice Presidents</i>	David R. Carpenter
Harold W. Schloss		John K. Dyer		Bartley L. Munson		William A. Ferguson
Donald F. Campbell		Harold E. Curry		David R. Carpenter		John A. Fibiger
Robert J. Myers		Morton D. Miller		William A. Ferguson		Walter S. Rugland
Norton E. Masterson	<i>Secretary</i>	William A. Halvorson		Carl R. Ohman	<i>Secretary</i>	Carl R. Ohman
Robert E. Bruce	<i>Treasurer</i>	Robert E. Bruce		W. James MacGinnitie	<i>Treasurer</i>	W. James MacGinnitie
1971-72		1972-73		1983-84		1984-85
Robert J. Myers	<i>President</i>	Morton D. Miller		A. Norman Crowder III	<i>President</i>	M. Stanley Hughey
Morton D. Miller	<i>President-Elect</i>	Ernest J. Moorhead		M. Stanley Hughey	<i>President-Elect</i>	Bartley L. Munson
Harold E. Curry	<i>Vice Presidents</i>	Robert E. Bruce		John A. Fibiger	<i>Vice Presidents</i>	David G. Hartman
Ernest J. Moorhead		Julius Vogel		Walter S. Rugland		David M. Reade
Robert E. Bruce		Reuben I. Jacobson		David G. Hartman		Harold J. Brownlee
Julius Vogel		Daniel J. McNamara		David M. Reade		Carl R. Ohman
William A. Halvorson	<i>Secretary</i>	William A. Halvorson		Carl R. Ohman	<i>Secretary</i>	Robert H. Dobson
Dale R. Gustafson	<i>Treasurer</i>	Dale R. Gustafson		Burton D. Jay	<i>Treasurer</i>	Burton D. Jay
1973-74		1974-75		1985-86		1986-87
Ernst J. Moorhead	<i>President</i>	Daniel J. McNamara		Bartley L. Munson	<i>President</i>	Preston C. Bassett
Daniel J. McNamara	<i>President-Elect</i>	Thomas P. Bowles, Jr.		Preston C. Bassett	<i>President-Elect</i>	John A. Fibiger
William A. Halvorson	<i>Vice Presidents</i>	Richard L. Jobe		Harold J. Brownlee	<i>Vice Presidents</i>	Edward H. Friend
Reuben I. Jacobson		Robert C. Winters		Edward H. Friend		W. James MacGinnitie
Thomas P. Bowles, Jr.		Edwin F. Boynton		W. James MacGinnitie		Burton D. Jay
Richard L. Jobe		Kenneth H. Ross		Carl R. Ohman		Mavis A. Walters
Walter S. Rugland	<i>Secretary</i>	Walter S. Rugland		Robert H. Dobson	<i>Secretary</i>	Robert H. Dobson
Dale R. Gustafson	<i>Treasurer</i>	Dale R. Gustafson		Burton D. Jay	<i>Treasurer</i>	Daniel J. McCarthy
1975-76		1976-77		1987-88		1988-89
Thomas P. Bowles, Jr.	<i>President</i>	Robert C. Winters		John A. Fibiger	<i>President</i>	W. James MacGinnitie
Robert C. Winters	<i>President-Elect</i>	Edwin F. Boynton		W. James MacGinnitie	<i>President-Elect</i>	Harold J. Brownlee
Edwin F. Boynton	<i>Vice Presidents</i>	Dale R. Gustafson		Phillip N. Ben-Zvi	<i>Vice Presidents</i>	Phillip N. Ben-Zvi
Kenneth H. Ross		M. Stanley Hughey		Burton D. Jay		Harper L. Garrett, Jr.
Dale R. Gustafson		Ronald L. Bornhuetter		Joseph J. Stahl II		John H. Harding
M. Stanley Hughey		Louis Garfin		Mavis A. Walters		Joseph J. Stahl II
Walter S. Rugland	<i>Secretary</i>	Ralph E. Edwards		Vingil D. Wagner	<i>Secretary</i>	Vingil D. Wagner
James O. Webb	<i>Treasurer</i>	James O. Webb		Daniel J. McCarthy	<i>Treasurer</i>	Daniel J. McCarthy

MEETINGS CALENDAR

ANNUAL MEETING

1990 September 26	Ramada Renaissance TechWorld Washington, D.C.
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CASUALTY LOSS RESERVE SEMINAR

1990 September 10–11	Hyatt Regency DFW Dallas, Texas
1991 September 23–24	Crystal Gateway Marriott Crystal City, Virginia

ENROLLED ACTUARIES MEETING

1990 February 14–16	Sheraton Washington Hotel Washington, D.C.
1991 March 13–15	Sheraton Washington Hotel Washington, D.C.

MEMBERSHIP STATISTICS

SCHEDULE OF MEMBERSHIP

Particulars	Number
Membership as of November 1, 1988	9,114
Increases:	
Admissions	365
Reinstatements	15
Decreases:	
Deaths	51
Withdrawals	47
Membership as of November 1, 1989	9,396

ANALYSIS OF MEMBERSHIP BY TYPE OF EMPLOYMENT

Type of Employment	Membership		
	As of November 1, 1987	As of November 1, 1988	As of November 1, 1989
Insurance organization	4,065	4,160	4,183
Consulting actuary	3,552	3,722	3,874
Government	63	67	143
Academic institution	35	38	42
Other	311	318	255
Retired or not known	771	809	899
Total	8,797	9,114	9,396

MEMBERSHIPS HELD BY ACADEMY MEMBERS IN CASUALTY ACTUARIAL SOCIETY (CAS), CONFERENCE OF ACTUARIES IN PUBLIC PRACTICE (CAPP), AND SOCIETY OF ACTUARIES (SOA)

As of November 1, 1989

	CAS	CAPP	SOA	TOTAL
Members				
In all three	16	16	16	16
CAS and CAPP	55	55	—	55
CAS and SOA	69	—	69	69
CAPP and SOA	—	699	699	699
In one only	1,085	184	6,295	7,564
In none	—	—	—	993
Total	1,225	954	7,079	9,396

ACADEMY MEMBERS WHO ARE ENROLLED ACTUARIES

As of November 1, 1989

	CAS	CAPP	SOA	TOTAL
Members				
In all three	9	9	9	9
CAS and CAPP	2	2	—	2
CAS and SOA	8	—	8	8
CAPP and SOA	—	579	579	579
In one only	3	114	2,036	2,153
In none	—	—	—	778
Subtotal	—	—	—	3,529
Non-Academy Enrolled Actuaries	—	—	—	622
Total Enrolled Actuaries	22	704	2,632	4,151