

Obituary

GEORGE W. CHALMERS
THOMAS TABER CHAMBERLAIN
FREDERIC P. CHAPMAN
WAID J. DAVIDSON
HOWARD G. EIMERS
JAMES STRODE ELSTON
ELOISE K. GOODRICH
NATHANIEL E. HORELICK
JOHN PAUL JONES
SERGE A. LAPLANTE
JOSEPH R. LAWRENCE
JURIS LIELAIS
ARTHUR B. PEDOE
LENA BARTOLI PURCELL
ADOLPH F. SCHWARTZ
GEOFFREY F. N. SMITH
HUGH EVANS STEPHENSON
NORMAN N. STROM
ALEXANDER MACDONALD SWEETON
CHARLES A. TAYLOR
JOHN SPENCER THOMPSON
FRANK G. WHITBREAD
WILLIAM RULON WILLIAMSON

1919 George W. Chalmers 1979

George W. Chalmers, an Associate of the Society and a Fellow of the Institute of Actuaries and the Canadian Institute of Actuaries, died March 10, 1979, in Toronto after a lengthy illness. He was fifty-nine.

Mr. Chalmers had retired from Confederation Life Insurance Company in July, 1978, as underwriting vice-president in the company's United States and Caribbean operations. Born in England, March 30, 1919, he began his career with Confederation Life in 1948 at the company's United Kingdom office. In 1956 he transferred to the underwriting department of the company's Toronto Head Office.

Mr. Chalmers was active in the Home Office Life Underwriters Association and the Canadian Home Office Life Underwriters Association.

He served in the British armed forces in North Africa and Germany during World War II in the Royal Corps of Signals and retired from the armed forces with the rank of lieutenant.

His hobbies included bridge, cribbage, and drama.

Mr. Chalmers is survived by his widow and three children.

1913 . . . Thomas Taber Chamberlain . . . 1980

Thomas Taber Chamberlain, an Associate of the Society, died on October 2, 1980, at the age of sixty-seven.

Mr. Chamberlain was born in Galesburg, Illinois, on August 18, 1913. He attended Yale University, earning a degree in mathematics.

Mr. Chamberlain was a vice-president of Tillinghast, Nelson and Warren, having joined the firm in 1978 as a consultant. He previously had served as chief actuary for the State Insurance Department of Texas and had been a partner in Montgomery-Chamberlain Consulting Actuaries for over twenty years. He was a charter member and past president of the Actuaries Club of the Southwest.

He is survived by his widow, three daughters, and a son.

1905 . . . Frederic P. Chapman . . . 1980

Frederic P. Chapman, retired vice-president and actuary of Metropolitan Life Insurance Company and a Fellow of the Society of Actuaries, died on March 19, 1980. He was seventy-five years old.

Mr. Chapman was born on March 12, 1905. He joined Metropolitan as a clerk in the valuation section of the actuarial department in 1927. During his early years in the department, his duties were largely concerned with industrial actuarial work.

In 1939 he was named supervisor of the industrial research and

analysis unit of the actuarial department. In December of that year, he was named an officer of the company with the title of assistant actuary. He was named associate actuary in 1951 and actuary in 1953. In 1965 he was named a vice-president of the company.

Mr. Chapman, who played a major part in the development of two major series of policies introduced by Metropolitan in 1960, qualified at the age of twenty-eight as a Fellow of the Actuarial Society of America, a predecessor of the present Society of Actuaries.

During his retirement years. Mr. Chapman was an avid golfer, and also participated in the activities of the United States Coast Guard Auxiliary.

He is survived by his widow.

1902 **Waid J. Davidson** 1979

Waid J. Davidson, an Associate of the Society of Actuaries and a member of the American Academy of Actuaries, died of a sudden heart attack on November 7, 1979, at the age of seventy-seven.

Mr. Davidson was born in Pleasantville, Iowa, on March 8, 1902. He was graduated from the University of Iowa in 1925 and attained his Associateship in 1927. Upon graduation he was employed by the Nebraska Insurance Department. In 1929 he joined National Life Company of Des Moines, Iowa, as an actuary. Mr. Davidson served in various executive capacities with National Life and was instrumental in the merger of National Life with National Travelers Insurance Company, another mutual company, in 1958. He served as president of the combined company, National Travelers Life, from 1960 until his retirement in 1967. Upon retirement from active service, he became chairman of the board, a position he held until his death.

During Mr. Davidson's fifty years with National Travelers Life and the predecessor company, he was instrumental in building a significant life insurance institution.

Mr. Davidson was involved in many civic activities, including working with underprivileged children and wards of the juvenile court. He received the Silver Beaver Award for extensive boy scouting activities, and he devoted a great deal of himself to his church, especially after his retirement.

Mr. Davidson is survived by his widow, a son who is a Fellow of the Society, two daughters, and nine grandchildren.

1926 **Howard G. Eimers** 1980

Howard G. Eimers, a Fellow of the Society, died on March 25, 1980, following a long fight with cancer. He was fifty-three years old.

Mr. Eimers was born and raised in Milwaukee, Wisconsin, and served with the United States Army during World War II. He earned a bachelor's degree in business administration from Northwestern University and a master's degree in actuarial science from the University of Michigan.

Mr. Eimers began his career in 1951 with the American Life and Accident Company of Kentucky. In 1953 he joined the actuarial department of the Washington National Insurance Company. Following a series of departmental promotions, Mr. Eimers was promoted to vice-president and actuary in 1963. In 1969 he was elected senior vice-president and a member of the board of directors. In 1970 he was elected director of the parent corporation, the Washington National Corporation. In 1975 he also became chairman of the board of Washington National Life of New York.

Mr. Eimers was also a member of the Academy of Actuaries, a Chartered Life Underwriter, and a Fellow of the Life Office Management Association. He served as president of the Chicago Actuarial Club during 1961-62.

In addition to being active in both church and civic affairs, Mr. Eimers served for many years in various capacities with the Boy Scouts of America.

He is survived by his widow and three sons.

1889 **James Strode Elston** 1980

James Strode Elston, a Fellow of the Society of Actuaries, died on April 14, 1980, at the age of ninety.

Mr. Elston was born in Martinsdale, Montana, on May 26, 1889. He joined the Travelers Insurance Company in 1913. Mr. Elston was named assistant actuary of the Travelers life department in 1919 and was named associate actuary in 1950. He retired in 1955.

Mr. Elston was a former vice-president and member of the board of governors of the American Institute of Actuaries. He was also a member of the council of the Actuarial Society of America.

Mr. Elston was listed in *Who's Who in the South and Southwest*, *Who's Who in Commerce and Industry*, and *Leaders in American Science*.

He is survived by a sister and a grandson.

1896 **Eloise K. Goodrich** 1980

Eloise K. Goodrich, a Fellow of the Society, died on September 30, 1980, at the age of eighty-four. A Phi Beta Kappa graduate of the University of Illinois, Mrs. Goodrich attained her Fellowship in 1926.

1896 **Nathaniel E. Horelick** 1979

Nathaniel E. Horelick, an Associate of the Society of Actuaries, died on February 14, 1979. He was eighty-two years old.

Mr. Horelick was born in Pittsburgh, Pennsylvania, on October 10, 1896. He was graduated from Carnegie Institute of Technology. Initially, he was employed by the Mutual Life Insurance Company of New York. There he was encouraged to take the actuarial examinations, and he became an Associate of the Actuarial Society of America in 1925. Shortly thereafter, he joined the Equitable Life Assurance Society, where he eventually rose to the position of vice-president. He retired from the Equitable in 1961.

Mr. Horelick had a long and productive career in the development of important pension plans and group insurance programs. He was particularly instrumental in developing group annuity contracts for large corporations.

He is survived by his widow and a daughter.

1923 **John Paul Jones** 1980

John Paul Jones, an Associate of the Society of Actuaries and a member of the American Academy of Actuaries, died at the age of fifty-seven on August 26, 1980, after being totally disabled for fourteen years.

Mr. Jones was born in Caroleen, North Carolina, on January 3, 1923. He was elected to Phi Beta Kappa at Wake Forest College, from which he graduated in 1943 with a bachelor of science degree in physics. Mr. Jones served as an officer in the United States Navy during World War II. After the war he taught mathematics and physics at the University of Georgia.

In 1948 Mr. Jones went to work for the federal government in Washington, D.C. After two years as a mathematician at the Army Map Service, he entered actuarial work, attaining his Associateship in 1961.

In 1967 Mr. Jones was severely injured in an automobile accident

that left him a quadriplegic. Prior to his accident he held the position of assistant chief actuary of the United States Civil Service Commission. Although confined to a hospital for the remainder of his life, he was able to teach mathematics to other patients in the hospital. Mr. Jones was also a member of the Chess Federation and won several trophies during his hospital confinement.

He is survived by his widow, a son, and five grandchildren.

1944 Serge A. Laplante 1979

Serge A. Laplante, a Fellow of the Society of Actuaries and the Canadian Institute of Actuaries, died in a plane crash on March 29, 1979, at the age of thirty-five.

Mr. Laplante was born on January 23, 1944. He graduated from Laval University in 1967. After graduation, Mr. Laplante spent two years at the Ecole des Hautes Etudes Commerciales as a research assistant in marketing and human resources. In 1969 he joined the actuarial firm Pouliot, Guérard and Associates, Inc. In 1970 he was granted a scholarship to attend the Harvard Business School, from which he obtained a doctorate in business administration in 1973.

Mr. Laplante was active in a number of professional and industrial committees, especially in the field of human resources. At the time of his death he was a senior associate of Laplante, Gauvin, Pouliot, Guérard and Associates, a management consulting firm he helped establish. He wrote a number of articles during his short working span and will be remembered by his colleagues as having made numerous inroads in areas where actuaries are not commonly involved.

He is survived by his widow, a daughter, and two sons.

1933 Joseph R. Lawrence 1980

Joseph R. Lawrence, A Fellow of the Society of Actuaries and of the Conference of Actuaries in Public Practice and a member of the American Academy of Actuaries, died on July 25, 1980, after a prolonged illness. He was forty-seven years old.

Mr. Lawrence was born in New York City on March 24, 1933. He grew up in New York and graduated from St. John's College in 1954.

Since 1968, Mr. Lawrence had been vice-president of the actuarial

firm Huggins and Company. Prior to joining Huggins, Mr. Lawrence was employed by Fidelity Mutual Life Insurance Company, American States Life Insurance Company, and Metropolitan Life Insurance Company.

Mr. Lawrence had a keen interest in horticulture, in his church, and in people. He was a past president of his parish council.

He is survived by his widow, three daughters, three brothers, and a sister.

1939 Juris Lielias 1980

Juris Lielias, an Associate of the Society and a member of the American Academy of Actuaries, died suddenly on February 27, 1980, while vacationing in San Juan, Puerto Rico. He was forty years of age.

Mr. Lielias was born on June 14, 1939, and graduated from the University of Michigan with an M.S. degree in 1972.

After graduation Mr. Lielias entered the actuarial student program at the New York Life Insurance Company. In recent years, his principal duties at New York Life involved rendering actuarial services to group pension plans. Mr. Lielias attained his Associateship in 1979. He also was an enrolled actuary under ERISA.

He is survived by his mother, a sister, and a brother.

1897 Arthur B. Pedoe 1979

Arthur B. Pedoe, a Fellow of the Society of Actuaries, died on November 9, 1979. He was eighty-one years old.

Mr. Pedoe was born in London, England, on December 9, 1897, one of ten children of a cabinetmaker. He won scholarships to finance his education at London University, where he was a University Scholar and a University Exhibitioner. He took a double degree in science and in honors mathematics.

Prior to obtaining his Fellowship in the Institute of Actuaries in 1923, he was employed for a short time with the Mercantile and General Reinsurance Company and then with the Friends' Provident Life Office.

He emigrated to New York, where he remained only briefly, and in 1924 he moved to Toronto on his appointment as actuary of the Continental Life Insurance Company (now the Zurich of Canada). He took

the examinations of the Actuarial Society of America, becoming a Fellow in 1928.

In 1931 he was appointed actuary for Canada of the Prudential Assurance Company Limited (of London, England), which recently had opened a life branch in Canada. He retired from the Prudential at the end of 1957, at which time he was life manager and actuary for Canada.

He remained active doing research and writing at the library of the University of Toronto. He wrote a book, *Life Insurance and Pensions in Canada*, and made studies for a royal commission that examined the organization of the federal government. He also became a director of the Empire Life Insurance Company.

In his seventies, he used to attend regularly the meetings of the Younger Actuaries' Club of Toronto. When that body adopted restrictions on membership to make it more truly representative of younger actuaries, a special exception was made for Arthur Pedoe.

Arthur made an almost immeasurable contribution to his profession. He submitted numerous papers, on both sides of the Atlantic, writing on mortality, expenses, the profession, and the family income benefit. Methods he developed for the analysis and estimation of expenses are still in general use. His greatest contribution, however, was in the field of actuarial education. In 1929, he began to organize study circles among the junior members of the Actuaries' Club of Toronto, recruiting Ben Holmes to join with him in this work. The study notes prepared for this purpose have developed into the extensive system of notes provided for today's students of the Society.

Mr. Pedoe and Mr. Holmes later worked together in the field of education for the Actuarial Society of America and the American Institute of Actuaries. Their work in establishing uniform syllabi and examinations for the two bodies was an essential step leading to the merger that produced the Society of Actuaries.

Arthur was honored by his colleagues with the presidency of the Actuaries' Club of Toronto (1934-35) and a vice-presidency of the Society (1957-59). He also served as a governor of the Society (1954-57 and 1959-62).

In 1948 he won a prize for a paper presented at the centenary of the Institute of Actuaries. In 1967 the Canadian government granted him the Centennial Medal in recognition of valuable service to the nation.

In addition to his Fellowships in the Institute of Actuaries, the Society of Actuaries, and the Canadian Institute of Actuaries, he was a Fellow of the Royal Statistical Society and the Royal Economic Society.

He is survived by his widow, a son, and three grandsons.

1920 **Lena Bartoli Purcell** 1979

Lena Bartoli Purcell, a Fellow of the Society, died October 3, 1979, in Teaneck, New Jersey, at the age of fifty-nine.

Mrs. Purcell joined Mutual of New York in 1942 after receiving a bachelor of arts degree in mathematics from Hunter College in 1941. She progressed steadily from her initial clerical job through several supervisory positions and ultimately to officership. She was appointed MONY's first female executive officer in 1978 as second vice-president and actuary. In 1979 she was inducted into New York City's YWCA of Women Achievers, an honorary organization recognizing the accomplishments and contributions to business of outstanding women.

Lena Purcell was a truly remarkable person who will be remembered by those who came in contact with her. Her considerable intellectual ability was eclipsed by her courage and her love for mankind. She was one of the few who lived the Golden Rule each day of her life.

She is survived by her husband, a son, and her mother.

1896 **Adolph F. Schwartz** 1980

Adolph F. Schwartz, a Fellow of the Society of Actuaries, died on January 15, 1980, at the age of eighty-four.

Mr. Schwartz, familiarly known as "Bob," was born in England on January 7, 1896. He served in the British armed forces from September, 1916, to January, 1919. After the war, he obtained his bachelor of science degree at London University and worked in government service before coming to the United States in 1921. He joined the Penn Mutual Life Insurance Company as an actuarial clerk shortly thereafter.

Mr. Schwartz quickly passed the actuarial examinations in both of the predecessor organizations of the Society of Actuaries, becoming a Fellow in 1925. He was appointed assistant actuary in 1932 and subsequently became associate actuary, a title he retained until his retirement in 1961. He also worked as a part-time consultant to the company for several more years. His principal responsibilities were in the areas of valuation and policy forms.

During his employment, Mr. Schwartz obtained a bachelor of laws degree, and the knowledge he gained was of great value to his company in its policy form development. In 1931 he presented a paper, "Fundamentals of Life Insurance Law," to the American Institute of Actuaries that for twenty-five years was included in the examination syllabus.

Mr. Schwartz was also a charter member of the Actuaries' Club of Philadelphia.

Bob will be remembered as a gentle person with a subtle sense of humor, who was courteous and helpful to all who worked with him.

He is survived by his widow, a daughter, a son, and two grandchildren.

1926 . . . Geoffrey F. N. Smith . . . 1980

Geoffrey F. N. Smith, a Fellow of the Society, died of cancer on September 28, 1980. He was fifty-four years old.

Mr. Smith had been president of the American Mutual Life Insurance Company since 1967 and was named president and chief executive officer on December 1, 1969. He joined the company in 1963 as vice-president and actuary and was elected to the board of directors in 1964. Prior to joining the American Mutual Life, he had been vice-president and actuary of the Sovereign Life Insurance Company of Winnipeg.

In addition to being active in local organizations, Mr. Smith served on the board of directors of the American Council of Life Insurance.

He is survived by his widow, a daughter, two sons, his mother and father, and two brothers.

1930 . . . Hugh Evans Stephenson . . . 1980

Hugh Evans Stephenson, a Fellow of the Society of Actuaries and the Canadian Institute of Actuaries, and a member of the American Academy of Actuaries, died suddenly on March 19, 1980, in Toronto, Ontario. He was forty-nine years old.

Mr. Stephenson was born on May 12, 1930. He graduated from the University of Toronto in 1951 with a bachelor of commerce degree. He joined the Manufacturers Life Insurance Company in the same year and remained there for his entire career. His father, the late Herbert Roy Stephenson, was also an actuary.

Mr. Stephenson made an outstanding contribution to the marketing-actuarial strength of his company. In 1979 he was appointed vice-president, actuarial, in recognition of his involvement and influence in marketing and most phases of corporate planning.

Hugh was an excellent bridge player. He had a great interest in the humanities, poetry, and creativity in general. He was an avid reader and enjoyed music, particularly symphony and opera. His brilliance, wit, and honesty brought him the respect and affection of his associates.

He is survived by his widow, four children, his mother, and two brothers.

1917 Norman N. Strom 1979

Norman N. Strom, a Fellow of the Society of Actuaries, died on October 30, 1979, at the age of sixty-two.

Mr. Strom was born in Watson, Minnesota, on May 22, 1917. He received his education at Luther College in Decorah, Iowa, and the University of Iowa. He was a World War II veteran and obtained Fellowship in 1954. Mr. Strom had retired as a partner from the consulting actuarial firm of A. S. Hansen.

He is survived by his widow, two daughters, four sons, five step-children, three sisters, three brothers, and ten grandchildren.

1918 . . . Alexander Macdonald Sweeton . . . 1979

Alexander Macdonald Sweeton, an Associate of the Society, died in London, Ontario, on November 23, 1979, in his sixty-second year, following a lengthy illness.

A native of Ontario, Mr. Sweeton was born on April 13, 1918. He joined the staff of London Life Insurance Company on June 15, 1939, shortly after receiving his bachelor of arts degree from the University of Western Ontario.

As did many of his generation, Mr. Sweeton left civilian employment to serve his country during World War II. From May, 1941, to February, 1946, he served with the Canadian Army; in April, 1945, he was awarded the Military Cross for gallantry in action.

Upon receiving his discharge, Mr. Sweeton returned to the actuarial department at London Life. He became an Associate of the Society of Actuaries in 1949, and was appointed actuarial assistant in 1952 and assistant actuary in 1963. He was a member of the Canadian Association of Actuaries and became a Fellow of the Canadian Institute of Actuaries at the incorporation of that body in 1965. He was an enthusiastic founding member of the London Actuarial Club, and served with great distinction as chairman in 1976-77. He retired in early 1978 after nearly thirty-nine years of service with the London Life.

Mr. Sweeton was a warm and generous man, who came to enjoy both of Canada's official languages and who never really lost his affection for

the official language of the Roman Empire. He was a friend and counselor to several generations of actuaries and coworkers.

His readiness to serve others was really the hallmark of his life. Although he suffered from a recurring disability throughout much of his career, he was never one to complain. In military service, as an actuary, and in his community, he served with integrity, devotion, and very considerable courage.

He is survived by his widow, a daughter, and a son.

1899 . . . Charles A. Taylor . . . 1980

Charles A. Taylor was born in Richmond, Virginia, on November 3, 1899. He attended Richmond Academy and McGuire's University School and joined the Life Insurance Company of Virginia in 1918 as a clerk in the actuarial department. Because of an initial difficulty in understanding some of the mathematical calculations required in his position, he began studying mathematics "on his own." Less than ten years later he was a Fellow of the Actuarial Society of America, serving on its Board of Governors and many important national committees, and had been elected actuary of the company.

In 1936 he was elected to the company's board of directors; he was promoted to vice-president and actuary in 1942 and to executive vice-president in 1945. A man of abundant knowledge and energy, he served in positions of ever increasing responsibility and was elected president of Life of Virginia in February, 1953. Under his leadership, the company opened sixty new agency and district offices, while the volume of insurance in force more than tripled.

Following his retirement as president, he was elected chairman of the board of Life of Virginia and served in that capacity until 1970. From 1967 through 1973 he served as chairman of the board of Richmond Corporation (now Continental Financial Services Company), which he helped found through an initial affiliation of Life of Virginia and Lawyers Title Insurance Corporation.

Active in both industry affairs and professional associations throughout his career, Mr. Taylor served as president of the American Life Convention, as director of the Institute of Life Insurance, and as a member of the executive committee of the Life Insurer's Conference. He was a Fellow of the Society of Actuaries and a member of the International Congress of Actuaries, and served a term as president of the Middle

Atlantic Actuarial Club. He became a member of the Senior Actuaries' Club on December 12, 1951, and a life member on November 3, 1969.

He served as a trustee of Richmond Memorial Hospital and on several civic and medical boards, and accepted gubernatorial appointments to the Commission for Higher Education and the Commission to Study State Government.

A man of great warmth and perception, he made many personal contributions both as a business leader and as a humanitarian that will be ever remembered by his many friends and associates.

He is survived by his widow and a daughter.

1884 . . . John Spencer Thompson . . . 1979

John Spencer Thompson, a Fellow of the Society of Actuaries, died on October 27, 1979. He was ninety-four years old.

Mr. Thompson was born November 22, 1884, in Ontario, Canada. He enrolled in the honor courses at the University of Toronto, and in 1905 he received a B.A. degree along with the Glashan Gold Medal for proficiency in mathematics. An M.A. degree with honors was awarded in 1909.

Mr. Thompson became a Fellow of the Actuarial Society of America in 1909, a Fellow of the British Institute of Actuaries in 1910, and Fellow of the Faculty of Actuaries in 1911. His early professional interests were largely devoted to the Actuarial Society of America, for which he acted as editor of the *Transactions*, 1918-22; secretary, 1922-29; vice-president, 1930-32; and president, 1932-34. He was a member of the Society's governing council continuously from 1917 to 1950.

He was a charter member of the Casualty Actuarial and Statistical Society (later changed to the Casualty Actuarial Society) in 1914, and was one of a very few of the founders who attended the Casualty Society's gala semicentennial in 1964.

Immediately on graduation in 1905, he joined the Mutual Life Insurance Company of New York, becoming assistant actuary in 1911 and associate actuary in 1925. That same year he joined the Mutual Benefit Life Insurance Company as a mathematician and later became vice-president and mathematician in 1927, a member of the board of directors in 1941, president in 1946-53, and vice-chairman in 1953, and in December, 1953, he retired as director emeritus. In the late 1930s his actuarial advice was sought in the organization of what was to become the Medical-Surgical Plan of New Jersey (Blue Shield). In 1942 he was made a

member of the board of the plan; he retained his interest until his retirement in 1965 as director emeritus. He was also asked to join the board of the Hospital Service Plan of New Jersey (Blue Cross). For his services in the formative years of the Medical-Surgical Plan the Medical Society of New Jersey elected him an honorary member, an unusual step for this society.

Mr. Thompson was also quite active in nonbusiness organizations, having served with such organizations as the Newark Welfare Federation, the Newark Day Center for Older People, USO of New Jersey, the Essex County Blood Bank, and the Glen Ridge Board of Education. In 1964 he received the Outstanding Citizen Award from the Salvation Army Association of Greater Newark.

He is survived by one daughter, two sons, nine grandchildren, and five great-grandchildren.

1904 . . . Frank G. Whitbread . . . 1979

Frank G. Whitbread, a Fellow of the Society of Actuaries, died on December 8, 1979. He was seventy-five years old.

Mr. Whitbread was born in England on June 30, 1904. He resided in Winnipeg and Pittsburgh prior to joining the Lincoln National Life Insurance Company in 1953. He attained the position of second vice-president at Lincoln National prior to his retirement in 1969.

Mr. Whitbread obtained Fellowship in 1931. He was also an Associate of the Casualty Actuarial Society, and a member of the American Academy of Actuaries and the Home Office Life Underwriters Association.

He is survived by his widow, a daughter, a son, a sister, and two brothers.

1889 . . . William Rulon Williamson . . . 1980

William Rulon Williamson, a Fellow of the Society of Actuaries, died on July 26, 1980, at the age of ninety-one.

Mr. Williamson was born in Wales, New York, on July 1, 1889. He was graduated with a bachelor's degree from Wesleyan University in 1909, and received his master's degree from Wesleyan in 1910.

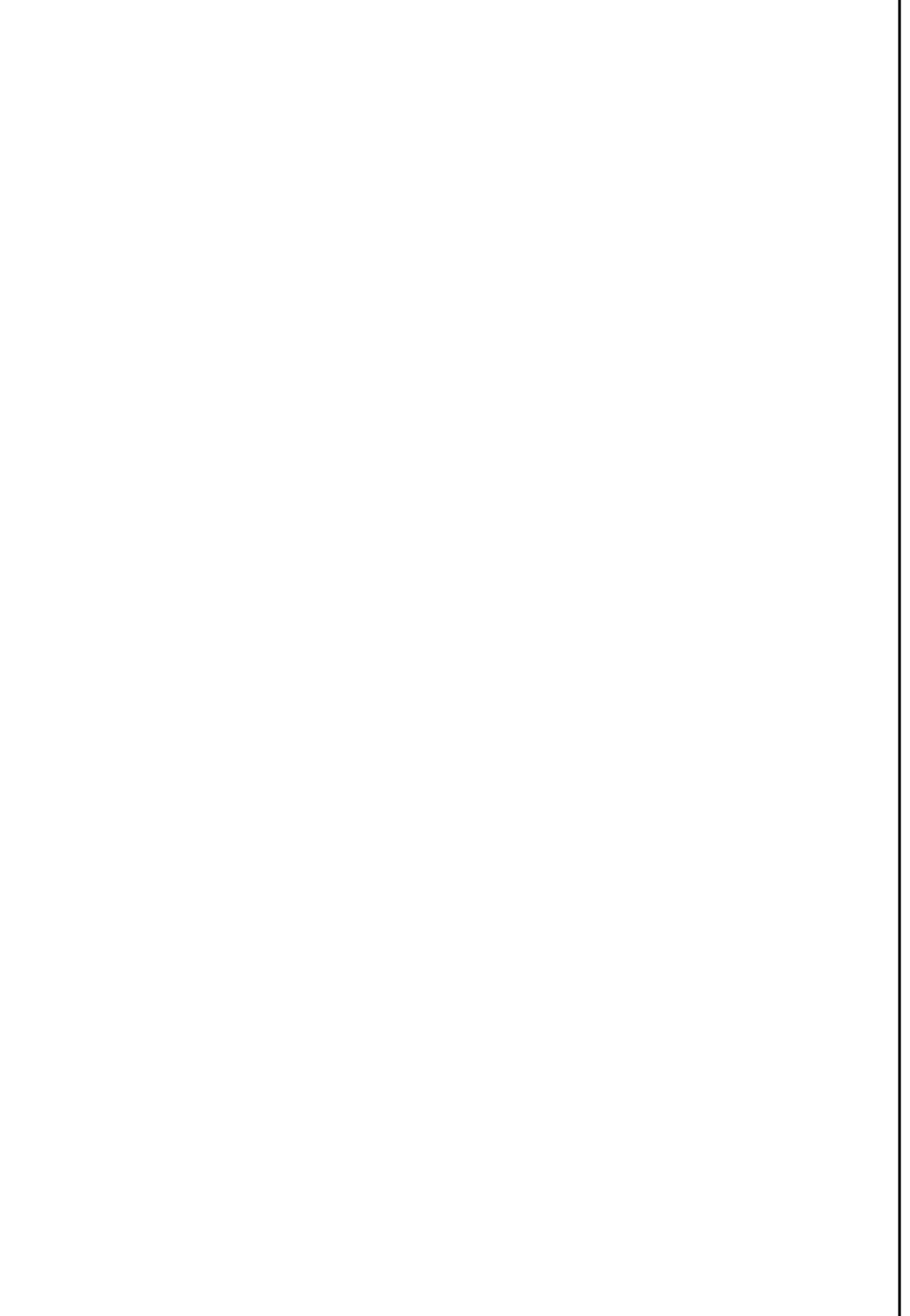
Mr. Williamson attained Fellowship in 1919. He was working as an assistant actuary for the Travelers Insurance Company when he was loaned to the federal government's Committee on Economic Security to

help work on the unemployment insurance program. In 1935 President Roosevelt appointed him chief actuary of the system now known as the Social Security Administration. He remained there until he resigned in 1947 to become president of the consulting actuarial firm The Wyatt Company. He left that firm in 1950 to work as a private consultant.

He served as a United States delegate to the Eleventh National Congress of Actuaries in Paris in 1937 and a United States consultant to the International Labour Office in Geneva.

Mr. Williamson wrote numerous articles and texts on insurance and business. He belonged to the American Statistical Association, the Bureau of Economic Research, the Tax Institute, the Population Association of America, and the Academy of Political Scientists. He was a Guggenheim Fellow.

He is survived by two sons and six grandchildren.



**TRANSACTIONS OF SOCIETY OF ACTUARIES
1980 VOL. 32**

MINUTES OF THE REGIONAL MEETING

of the

SOCIETY OF ACTUARIES

**HELD AT THE SHERATON-HARTFORD HOTEL
HARTFORD, CONNECTICUT
APRIL 14 AND 15, 1980**

The meeting was called to order by President Julius Vogel on Monday, April 14, 1980, at 9:00 A.M. The following is a summary of attendance at the meeting:

SUMMARY

Fellows.....	573
Associates.....	134
Others.....	101
Total.....	<u>808</u>

The Secretary presented an oral summary of the nonroutine business transacted by the Board of Governors at its meeting on April 13, 1980, and by the Executive Committee at its meeting on March 3-4, 1980.

Executive Director John E. O'Connor, Jr., made a few brief announcements.

President Vogel recognized Colin Berman and Jeremy Goford from London, England; D. J. Malan from Marshalltown, South Africa; and J. G. Pauw from Sanlamhof, South Africa.

President Vogel next recognized all of the program participants who were not members of the Society.

President Vogel then recognized three Fellows attending this meeting who had been Fellows for fifty years or more: Alfred N. Guertin, James E. Hoskins, and Milton J. Wood.

President Vogel advised that the Society had received word of the deaths of nine members since the last annual meeting. Those in attendance at this meeting observed a moment of silence in respect for the memory of these members. Obituaries are printed in this volume of the *Transactions*.

President Vogel recognized and welcomed the new Fellows and Associates who were attending their first meeting of the Society since attainment of their present ranks.

President Vogel next recognized the individuals responsible for this meeting: Vice-Presidents Richard Humphrys and Barbara J. Lautzenheiser; Program Committee Chairman Burton D. Jay and the members

of that committee; Local Arrangements Chairman Gail Hall; Continuing Education Committee on Life Insurance and Annuities Chairman James L. Lewis, Jr., and the members of that committee; and all individuals participating in the program.

Walter L. Grace, president-elect of the American Academy of Actuaries, reported on recent Academy activities.

John C. Wooddy introduced Mrs. Dorothy Halmstad, widow of David Halmstad, who presented the David Garrick Halmstad Prize to Professor Phelim P. Boyle, F.I.A., F.C.I.A., for his paper "Immunitization under Stochastic Models of the Term Structure." Professor Boyle spoke briefly.

President Vogel recognized James A. Tilley, author of the paper "The Pricing of Nonparticipating Single Premium Immediate Annuities."

Gary Gorbett, a member of the Committee on Futurism, introduced Dr. James O'Toole from the Center for Futures Research, Graduate School of Business Administration, University of Southern California. Dr. O'Toole addressed the meeting on the subject "Three Scenarios for the 1980s."

After a brief recess, the meeting reconvened at 10:45 A.M. for a panel presentation on "Management's Response to the Three Scenarios for the 1980s."

A luncheon was held at 12:30 P.M. honoring new Fellows attending their first meeting of the Society since attainment of Fellowship. Following the luncheon, brief remarks were presented by President Vogel and Director of Education Linden N. Cole.

The meeting reconvened at 2:30 P.M. in five concurrent sessions and four workshops.

On Tuesday, April 15, 1980, the meeting convened at 8:30 A.M. in three concurrent sessions and eleven workshops.

After a brief recess the meeting reconvened at 10:30 A.M. in four concurrent sessions and eight workshops.

After a luncheon break, the meeting reconvened at 1:30 P.M. in a general session. The moderators of the twelve concurrent sessions reported on the key challenges, opportunities, and changes for the 1980s that surfaced in their sessions. Three panelists—a synthesizer, a representative of the Society's Committee on Futurism, and a senior company actuary—then shared their insights gained from the meeting.

General session, concurrent session, and workshop topics and the names of participants in this meeting are printed in the *Record*, Volume VI, Number 1.

MYLES M. GRAY
Secretary

MINUTES OF THE REGIONAL MEETING

of the

SOCIETY OF ACTUARIES

HELD AT THE RADISSON HOTEL

MINNEAPOLIS, MINNESOTA

MAY 29 AND 30, 1980

The meeting was called to order by President Julius Vogel on Thursday, May 29, 1980, at 9:00 A.M. The following is a summary of attendance at the meeting:

SUMMARY

Fellows.....	347
Associates.....	288
Others.....	91
Total.....	<u>726</u>

The Secretary presented an oral summary of the nonroutine business transacted by the Board of Governors at its meeting on April 13, 1980, and by the Executive Committee at its meetings on March 3-4 and May 28, 1980.

President Vogel recognized Dr. John C. Burville from Bermuda and Hideyuki Yoshida from Tokyo, Japan.

President Vogel next recognized all of the program participants who were not members of the Society.

President Vogel then recognized the individuals responsible for this meeting: Vice-Presidents Richard Humphrys and Barbara J. Lautzenheiser; Program Committee Chairman Burton D. Jay and the members of that committee; members of the Twin Cities Actuarial Club, who handled local arrangements; and all individuals participating in the program.

President Vogel discussed progress in development of the concept of sections within the Society and referred to the discussion forum on that topic scheduled for the second morning of this meeting.

President Vogel advised that the Society had received word of the deaths of sixteen members since the last annual meeting. Those in attendance at this meeting observed a moment of silence in respect for the memory of these members. Obituaries are printed in this volume of the *Transactions*.

President Vogel recognized and welcomed the new Fellows and Associates who were attending their first meeting of the Society since attainment of their present ranks.

Executive Director John E. O'Connor, Jr., made a few brief announcements.

Walter L. Grace, president-elect of the American Academy of Actuaries, reported on recent Academy activities.

President Vogel introduced Peter Moody, president of the Institute of Actuaries, London, England, who spoke briefly.

John A. Mereu discussed the paper "Analysis of the Deficit Risk in Group Insurance," which he coauthored with Dr. Harry Panjer.

After a brief recess, the meeting reconvened at 10:30 A.M. in four concurrent sessions and nine workshops.

A luncheon was held at 12:30 P.M. honoring new Fellows attending their first meeting of the Society since attainment of Fellowship. Following the luncheon, brief remarks were presented by President Vogel and Professor James C. Hickman.

The meeting reconvened at 2:30 P.M. in four concurrent sessions, a teaching session, and nine workshops.

On Friday, May 30, 1980, the meeting convened at 9:00 A.M. in four concurrent sessions, two discussion forums, and eight workshops.

After a brief recess the meeting reconvened at 11:00 A.M. in five concurrent sessions, a teaching session, a discussion forum, and seven workshops.

General session, concurrent session, teaching session, discussion forum, and workshop topics and the names of participants for this meeting are printed in the *Record*, Volume VI, Number 2.

MYLES M. GRAY
Secretary

MINUTES OF THE REGIONAL MEETING

of the

SOCIETY OF ACTUARIES

HELD AT THE HOTEL DEL CORONADO
CORONADO, CALIFORNIA
JUNE 12 AND 13, 1980

The meeting was called to order by President Julius Vogel on Thursday, June 12, 1980, at 9:00 A.M. The following is a summary of attendance at the meeting:

SUMMARY

Fellows.....	364
Associates.....	262
Others.....	35
Total.....	<u>661</u>

The Secretary presented an oral summary of the nonroutine business transacted by the Board of Governors at its meeting on April 13, 1980, and by the Executive Committee at its meetings on March 3-4, 1980, and May 28, 1980.

President Vogel recognized Professor Jean Lemaire from Brussels, Belgium, and N. J. Roodt from Cape Town, South Africa.

President Vogel next recognized all of the program participants who were not members of the Society.

President Vogel then recognized the individuals responsible for this meeting: Vice-Presidents Richard Humphrys and Barbara J. Lautzenheiser; Program Committee Chairman Burton D. Jay and the members of that committee; and all individuals participating in the program.

President Vogel discussed progress in development of the concept of sections within the Society and referred to the discussion forum on that topic scheduled for the second morning of this meeting.

Presidential Vogel advised that the Society had received word of the deaths of sixteen members since the last annual meeting. Those in attendance at this meeting observed a moment of silence in respect for the memory of these members. Obituaries are printed in this volume of the *Transactions*.

President Vogel recognized and welcomed the new Fellows and Associates who were attending their first meeting of the Society since attainment of their present ranks.

Executive Director John E. O'Connor, Jr., made a few brief announcements.

Walter L. Grace, president-elect of the American Academy of Actuaries, reported on recent Academy activities.

Dr. Harry Panjer discussed the paper "Analysis of the Deficit Risk in Group Insurance," which he coauthored with John A. Mereu.

Emanuel Halpern discussed his paper "An Approach to the Pricing and Valuation of a Social Insurance Supplement to Disability Income Policies."

After a brief recess, the meeting reconvened at 10:30 A.M. in four concurrent sessions, a teaching session, and eight workshops.

A luncheon was held at 12:30 P.M. honoring new Fellows attending their first meeting of the Society since attainment of Fellowship. Following the luncheon, brief remarks were presented by President Vogel and Michael J. Corey.

The meeting reconvened at 2:30 P.M. in four concurrent sessions, a teaching session, and seven workshops.

On Friday, June 13, 1980, the meeting convened at 9:00 A.M. in four concurrent sessions, two discussion forums, and six workshops.

After a brief recess the meeting reconvened at 11:00 A.M. in five concurrent sessions, a discussion forum, and six workshops.

General session, concurrent session, teaching session, discussion forum, and workshop topics and the names of participants in this meeting are printed in the *Record*, Volume VI, Number 3.

MYLES M. GRAY
Secretary

MINUTES OF THE ANNUAL MEETING

of the

SOCIETY OF ACTUARIES

HELD AT THE QUEEN ELIZABETH HOTEL
MONTREAL, QUEBEC, CANADA
OCTOBER 20, 21, AND 22, 1980

The meeting was called to order by President Julius Vogel on Monday, October, 20, 1980, at 8:30 A.M. The following is a summary of attendance at the meeting:

SUMMARY

Fellows.....	1,061
Associates.....	241
Others.....	81
Total.....	<hr/> 1,383

President Vogel welcomed members of the American Statistical Association who were in attendance, recognized the contribution of that association in arranging two of the concurrent sessions at this meeting, and thanked Robert J. Johansen for acting as the liaison person between the Society and the Association.

President Vogel then recognized the following individuals attending this meeting from countries other than the United States and Canada: James P. Crot, Switzerland; Chien Ho Foo, Singapore; Alan H. Fraser, England; Anthony Gillett, England; Leonard Hall, England; Luis Huerta Rosas, Mexico; Shunsuke Itahashi, Japan; Carlos Lozano, Mexico; Bruce D. Moore, West Germany; Isabel Oseguera, Mexico; Charles Schaller-Kelly, Bermuda; Segundo Tascon, Mexico; and Hideki Yoshida, Japan.

President Vogel next recognized all of the program participants—both Society members and those who were not members of the Society. He also announced that the Program Committee had arranged for a special hospitality room for all program participants to use throughout the meeting.

President Vogel thanked Program Committee Chairman Burton D. Jay for his work during the past year.

President Vogel recognized James E. Hoskins, F.S.A. 1920.

President Vogel then recognized and welcomed the new Fellows and Associates who were attending their first meeting of the Society since attainment of their present ranks.

President Vogel advised that the Society had received word of the deaths of twenty-three members since the last annual meeting. Those in attendance at this meeting observed a moment of silence in respect for the memory of these members. Obituaries are printed in this volume of the *Transactions*.

The minutes of the Society meetings held in New Orleans, Louisiana, on April 2-3, 1979, in Kansas City, Missouri, on May 24-25, 1979, in Banff, Alberta, Canada, on June 7-8, 1979, and in Bal Harbour, Florida, on October 22-24, 1979, as printed in the *Transactions* (XXXI, 595-606) were approved.

Executive Director John E. O'Connor, Jr., made a few brief announcements.

William A. Halvorson, chairman of the Committee on Elections, reported the results of the election of officers as follows:

<i>President-Elect:</i>	Robert H. Hoskins
<i>Vice Presidents (Two-Year Terms):</i>	Dwight K. Bartlett Charles B. H. Watson
<i>Secretary:</i>	Kenneth T. Clark
<i>Treasurer:</i>	Robert J. Johansen
<i>Director of Publications:</i>	Robert E. Hunstad
<i>Board of Governors (Three-Year Terms):</i>	John C. Angle Geoffrey Crofts Myles M. Gray Joe B. Pharr Thomas C. Sutton John C. Woody

Mr. Halvorson reported that there were 2,359 ballots cast.

Following announcement of the election results, President-Elect Hoskins spoke briefly.

Treasurer L. Blake Fewster summarized the financial report, which is printed in this volume of the *Transactions*.

President Vogel introduced Charles T. P. Galloway, president of the Canadian Institute of Actuaries, who made a few brief remarks regarding the activities of the Institute.

President Vogel then introduced Vice-President Ardian C. Gill, who moderated a panel presentation on "The North American Economy in

the 1980s." Panelists were Ashby Bladen, Senior Vice-President and General Manager, National Bank of Canada, and Robert R. DeCotret, Senior Vice-President—Investments, Guardian Life Insurance Company.

After a brief recess the meeting reconvened at 10:45 A.M. in four concurrent sessions, a discussion forum, and four workshops.

A "New Associates Workshop" was also held at 10:45 A.M. under the sponsorship of the Committee on Professional Development.

A luncheon was held at 12:45 P.M. honoring new Fellows attending their first meeting of the Society since attainment of Fellowship. Following the luncheon, brief remarks were presented by President Vogel and President-Elect Leckie. Dr. James W. Walker, Specialist in Human Resources Planning and Development, Towers, Perrin, Forster and Crosby, addressed the audience.

The meeting reconvened at 2:30 P.M. in five concurrent sessions and eleven workshops.

On Tuesday, October 21, the meeting convened at 8:30 A.M. in four concurrent sessions and twelve workshops.

After a brief recess the meeting reconvened at 10:45 A.M. in three concurrent sessions, a discussion forum, and ten workshops.

Following lunch, the meeting reconvened at 2:30 P.M. in four concurrent sessions, a discussion forum, and eleven workshops.

On Wednesday, October 22, the meeting convened in a general session at 9:00 A.M. with President Vogel presiding.

President Vogel introduced Dr. Dina Lavoie, Invited Professor, The Business School, University of Montreal, who addressed the audience on "Managing a Career and a Family in the 1980s: A Balancing Act Worth Good Coaching and Constant Practice."

Following Dr. Lavoie's remarks, the Secretary presented an oral summary of the nonroutine business transacted by the Board of Governors at its meeting on October 18-19, 1980, and by the Executive Committee at its meeting on September 18, 1980.

Executive Director O'Connor presented his annual report to the membership.

President Vogel introduced Walter S. Rugland, chairman of the Task Force on Special Interests, who presented the report of that task force with regard to formation of sections within the Society.

President Vogel then introduced Ronald L. Bornhuetter, president of the American Academy of Actuaries, who made a few brief remarks regarding the activities of the Academy.

President Vogel next recognized the authors of papers being discussed during the course of this meeting as follows:

Harry H. Panjer, "The Aggregate Claims Distribution and Stop-Loss Reinsurance"

Aaron Tenenbein and Irwin T. Vanderhoof, "New Mathematical Laws of Select and Ultimate Mortality"

Jeffery T. Dukes and Andrew M. MacDonald, "Pricing a Select and Ultimate Annual Renewable Term Product"

Myron H. Margolin, "The Quantum Interpretation of Probability"

Beda Chan, "Geometric Solutions to Stationary Population Problems"

Thomas E. Dyer, James J. Murphy, and James F. Reiskytl, "Updating Existing Life Insurance Policies"

Kermitt L. Cox and Robert B. Shapland, "Disability Continuance Study"

Mr. Vanderhoof presented the paper authored by himself and Mr. Tenenbein. Mr. MacDonald presented the paper authored by himself and Mr. Dukes. Messrs. Panjer, Margolin, and Chan presented their papers.

President Vogel then gave his presidential address, which is printed in this volume of the *Transactions*.

Following his address, President Vogel expressed his appreciation to the Board of Governors, the officers, the committee chairmen, the staff, and the entire Society membership for their help and support during his term of office.

The gavel was passed to President-Elect Leckie. President Leckie called upon E. Paul Barnhart, who presented a silver tray to Mr. Vogel on behalf of the Society in appreciation of his service as President.

President Leckie then spoke briefly and adjourned the business session.

After a brief recess, the meeting reconvened at 11:15 A.M. in four concurrent sessions, a discussion forum, and eleven workshops.

Following lunch, the meeting reconvened at 2:30 P.M. for a teaching session.

Panel discussion, concurrent session, teaching session, discussion forum, and workshop topics and the names of participants for this meeting are printed in the *Record*, Volume VI, Number 4.

MYLES M. GRAY
Secretary