

**CASUALTY**  
**ACTUARIAL SOCIETY**

ORGANIZED 1914

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1959 YEAR BOOK

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International Congress of Actuaries**

*(Addendum to Volume XLV of the Proceedings)*

*Corrected to February 1, 1959*

## FOREWORD

The Casualty Actuarial Society was organized November 7, 1914 as the Casualty Actuarial and Statistical Society of America, with 97 charter members of the grade of Fellow. The present title was adopted on May 14, 1921. The object of the Society is the promotion of actuarial and statistical science as applied to the problems of casualty and social insurance by means of personal intercourse, the presentation and discussion of appropriate papers, the collection of a library and such other means as may be found desirable. The organization of the Society was brought about through the suggestion of Dr. I. M. Rubinow, who became the first president. The problems surrounding workmen's compensation were at that time the most urgent, and consequently many of the members played a leading part in the development of the scientific basis upon which workmen's compensation insurance now rests.

The members of the Society have also presented original papers to the *Proceedings* upon the scientific formulation of standards for the computation of both rates and reserves in accident and health insurance, liability, burglary, fire, and the various automobile coverages. The presidential addresses constitute a valuable record of the current problems facing the casualty insurance business. Other papers in the *Proceedings* deal with acquisition costs, pension funds, legal decisions, investments, claims, reinsurance, accounting, statutory requirements, loss reserves, statistics, and the examination of insurance companies. "The Recommendations for Study" appear in *Proceedings* Vol. XLI and are in effect for the 1955 examinations and thereafter. The Report of the Committee on Mortality for Disabled Lives together with commutation tables and life annuities has been printed in *Proceedings* No. 62. The Committee on Compensation and Liability Loss and Loss Expense Reserves submitted a report which appears in Volume XXXV.

At the November 1950 meeting of the Society the Constitution and By-Laws were amended to enlarge the scope of the Society to include all lines of insurance other than life insurance. The effect of the amendment was to include fire insurance and allied lines in recognition of multiple line writing powers granted by many states to both casualty companies and fire companies.

The lower grade of membership in the Society is that of Associate. Examinations have been held every year since organization; they are held during the second or third week of the month of May, in various cities in the United States and Canada. The membership of the Society consists of actuaries, statisticians, and executives who are connected with the principal casualty companies and organizations in the United States and Canada. The Society has a total membership of 340 consisting of 190 Fellows and 150 Associates.

The Society issues a publication entitled the *Proceedings* which contains original papers presented at the meetings. The *Proceedings* also contain discussions of papers, and reviews of books. This Year Book is published annually. "Recommendations for Study" is a pamphlet which outlines the course of study to be followed in connection with the examinations for admission. These two booklets may be obtained free upon application to the Secretary-Treasurer, Albert Z. Skelding, 200 E. 42nd Street, New York 17, N. Y.

## CASUALTY ACTUARIAL SOCIETY

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 NOVEMBER 14, 1958
 

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## THE COUNCIL

<i>*Officers:</i>	DUDLEY M. PRUITT.....	<i>President</i>
	JOHN W. CARLETON.....	<i>Vice-President</i>
	WILLIAM LESLIE, JR.....	<i>Vice-President</i>
	ALBERT Z. SKELDING.....	<i>Secretary-Treasurer</i>
	EDWARD S. ALLEN.....	<i>Editor</i>
	RICHARD LINO.....	<i>Librarian</i>
	WILLIAM J. HAZAM	<i>General Chairman-Examination Committee</i>
<i>†Ex-Presidents:</i>	SEYMOUR E. SMITH.....	1959
	NORTON E. MASTERSON.....	1961
<i>†Ex-Vice Presidents:</i>	JOHN A. MILLS.....	1959
	ARTHUR N. MATTHEWS.....	1961
<i>†Elected:</i>	ERNEST T. BERKELEY.....	1959
	JOHN A. RESONY.....	1959
	RUTH E. SALZMANN .....	1959
	M. STANLEY HUGHEY.....	1960
	MATTHEW RODERMUND.....	1960
	JOHN W. WIEDER, JR.....	1960
	FRANCIS J. HOPE.....	1961
	THOMAS E. MURRIN.....	1961
	RICHARD J. WOLFRUM.....	1961

*\*Terms expire at the annual meeting in November 1959.*

*†Terms expire at the annual meeting in November of the year given.*

## COMMITTEES

## COMMITTEE ON ADMISSIONS

JAMES M. CAHILL (CHAIRMAN)  
 HARMON T. BARBER                      NORTON E. MASTERSON  
 HAROLD J. GINSBURGH                      SEYMOUR E. SMITH

## AUDITING COMMITTEE

HOWARD G. CRANE (CHAIRMAN)  
 EMMA C. MAYCRINK                      MATTHEW RODERMUND

## EDITORIAL COMMITTEE

EDWARD S. ALLEN (CHAIRMAN)

## ASSISTANT EDITORS

FRANK HARWAYNE                      JOHN A. RESONY  
 ALLEN L. MAYERSON

## EDUCATIONAL COMMITTEE

LAURENCE H. LONGLEY-COOK (CHAIRMAN)  
 JOHN W. CARLETON                      RUTH E. SALZMANN  
 WILLIAM J. HAZAM                      JOHN W. WIEDER, JR.

## EXAMINATION COMMITTEE

WILLIAM J. HAZAM (GENERAL CHAIRMAN)

## FELLOWSHIP

NORMAN J. BENNETT (CHAIRMAN)  
 PARTS III AND IV                      PARTS I AND II  
 ROBERT A. BAILEY                      ROY H. KALLOP  
 RICHARD L. JOHE                      HENRY W. MENZEL

## ASSOCIATESHIP

PAUL S. LISCORD (CHAIRMAN)  
 PARTS III AND IV                      PARTS I AND II  
 MARTIN BONDY                      RONALD L. BORNHUETTER  
 ROBERT L. HURLEY                      PHILLIP A. WILLIAMS

## COMMITTEE ON REVIEW OF PAPERS

MATTHEW H. MCCONNELL (CHAIRMAN)  
 MATTHEW RODERMUND                      LEROY J. SIMON  
 EDWARD S. ALLEN (*ex-officio*)

## COMMITTEE ON DEVELOPMENT OF PAPERS

RICHARD J. WOLFRUM (CHAIRMAN)  
 JOHN EDWARDS                      FRANCIS J. HOPE  
 GEORGE B. ELLIOTT                      ROGER A. JOHNSON



**MEMBERSHIP OF THE SOCIETY, NOVEMBER 14, 1958**  
**FELLOWS**

Those marked (†) were Charter Members at date of organization, November 7, 1914

Admitted	
Nov. 21, 1930	AINLEY, JOHN W., Statistician; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 14, 1947	ALLEN, EDWARD S., Assistant General Manager and Actuary, New York Compensation Insurance Rating Board, 200 E. 42nd Street, New York 17, N. Y.
Nov. 13, 1931	AULT, GILBERT E., Actuary, Church Pension Fund & Church Life Insurance Corporation, 20 Exchange Place, New York 5, N. Y.
Nov. 18, 1955	BAILEY, ROBERT A., Assistant Actuary, Hardware Mutual Casualty Company & Hardware Dealers Mutual Fire Insurance Company, 200 Strongs Avenue, Stevens Point, Wis.
Nov. 20, 1924	BARBER, HARMON T., Second Vice President and Actuary, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 19, 1954	BARKER, GORDON M., c/o Bowles, Andrews & Towne, 1004 Thompson Street, Richmond 21, Va.
Nov. 14, 1947	BARKER, LORING M., Actuary, Fireman's Fund Insurance Group, 3333 California Street, San Francisco, Calif.
Nov. 20, 1942	BART, ROBERT D., Comptroller and Assistant Treasurer, West Bend Aluminum Company, 92 Island Avenue, West Bend, Wis.
Nov. 18, 1932	BARTER, JOHN L., Vice President, Hartford Accident and Indemnity Company, 690 Asylum Avenue, Hartford 15, Conn.
Nov. 13, 1931	BATHO, ELGIN R., Vice President and Actuary, Berkshire Life Insurance Company, 7 North Street, Pittsfield, Mass.
Nov. 14, 1958	BENBROOK, PAUL, Vice President, American General Insurance Company, 700 Rusk Bldg., P.O. Box 2179, Houston 2, Texas.
Nov. 16, 1956	BENNETT, NORMAN J., Actuary, America Fore Loyalty Group, 80 Maiden Lane, New York 38, N. Y.
Nov. 22, 1934	BERKELEY, ERNEST T., Actuary, Employers' Group, 110 Milk Street, Boston 7, Mass.
Nov. 22, 1957	BERQUIST, JAMES R., Assistant Actuary, Employers' Mutual Liability Insurance Company of Wisconsin, 407 Grant Street, Wausau, Wis.
Nov. 19, 1953	BEVAN, JOHN R., Assistant Actuary, Liberty Mutual Insurance Company, 175 Berkeley Street, Boston 17, Mass.
†	BLACK, S. BRUCE, Chairman, Liberty Mutual Insurance Company, 175 Berkeley Street, Boston 17, Mass.
Apr. 20, 1917	BLANCHARD, RALPH H., Professor Emeritus of Insurance, Graduate School of Business, Columbia University, Plympton, Mass.
Nov. 16, 1956	BONDY, MARTIN, Principal Actuary, New York State Insurance Department, 123 William St., New York 38, N. Y.
Nov. 22, 1957	BORNHUETTNER, RONALD L., Assistant Actuary, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 16, 1956	BOYAJIAN, JOHN H., Actuary, California Inspection Rating Bureau, 500 Sansome Street, San Francisco 11, Calif.
†	BREIBY, WILLIAM, Vice President, Pacific Mutual Life Insurance Company, Box 6050 Metropolitan Station, Los Angeles 55, Calif.
Nov. 21, 1952	BRINDISE, RALPH S., Casualty Actuary, Standard Oil Company (Indiana), 910 S. Michigan Avenue, Chicago 80, Ill.

## FELLOWS

Admitted	
Nov. 18, 1927	BROWN, F. STUART, Electronics Committee, American Insurance Group, 15 Washington Street, Newark 2, N. J.
Oct. 22, 1915	BROWN, HERBERT D., (Retired), Glenora-on-Lake Seneca, Dundee, N. Y.
†	BUCK, GEORGE B., Consulting Actuary, 60 Worth Street, New York 13, N. Y.
Apr. 20, 1917	BURHOP, WILLIAM H., President, Employers' Mutual Liability Insurance Company of Wisconsin, 407 Grant Street, Wausau, Wis.
Nov. 23, 1928	BURLING, WILLIAM H., Secretary, Group Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 19, 1929	CAHILL, JAMES M., Secretary, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 18, 1932	CAMERON, FREELAND R., Senior Vice President and Secretary, Reliable Insurance Company, 901 N.E. Second Avenue, Miami 32, Fla.
Nov. 17, 1938	CARLETON, JOHN W., Vice President and Actuary, Liberty Mutual Insurance Company, 175 Berkeley Street, Boston 17, Mass.
Nov. 21, 1930	CARLSON, THOMAS O., Actuary, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 18, 1949	CLARKE, JOHN W., Vice President, Gulf Life Insurance Company, Jacksonville 1, Fla.
Nov. 15, 1918	COATES, BARRETT N., 1007 Cragmont Avenue, Berkeley 8, Calif.
Nov. 17, 1922	COATES, CLARENCE S., Second Vice President, Lumbermens Mutual Casualty Company, 4750 Sheridan Road, Chicago 40, Ill.
Feb. 19, 1915	COLLINS, HENRY, (Retired), Lochbrae, Windermere, Fla.
Nov. 22, 1934	CONSTABLE, WILLIAM J., 45 Pondfield Road, West, Bronxville 8, N. Y.
Nov. 22, 1934	COOK, EDWIN A., President and General Manager, Interboro Mutual Indemnity Insurance Company, 270 Madison Avenue, New York 16, N. Y.
Nov. 18, 1925	CORCORAN, WILLIAM M., Partner, Wolfe, Corcoran & Linder, 116 John Street, New York 38, N. Y.
Nov. 19, 1926	CRANE, HOWARD G., Vice President and Treasurer, General Reinsurance Corporation, 400 Park Avenue, New York 22, N. Y.
Nov. 21, 1952	CRITCHLEY, DOUGLAS, E. B. Savory & Company, London, England.
Nov. 22, 1946	CROUSE, CHARLES W., Consulting Actuary, C. E. Preslan & Company, Inc., 20015 Detroit Road, Cleveland 16, Ohio.
Nov. 19, 1953	CUREY, HAROLD E., Vice President, State Farm Mutual Automobile Insurance Company, 112 E. Washington Street, Bloomington, Ill.
Nov. 18, 1932	DAVIES, E. ALFRED, (Retired), Falls Village, Conn.
Nov. 18, 1927	DAVIS, EVELYN M., Partner, Woodward, Ryan, Sharp & Davis, Consulting Actuaries, 55 Broadway, New York 6, N. Y.
May 25, 1956	DAY, ELDEN W., Resident Secretary, Lumbermens Mutual Casualty Company, 342 Madison Avenue, New York 17, N. Y.
Nov. 16, 1951	DOREMUS, FREDERICK W., Manager, Eastern Underwriters Association, 85 John Street, New York 38, N. Y.
Nov. 17, 1920	DORWEILER, PAUL, (Retired), 51 Wethersfield Avenue, Hartford 14, Conn.
Nov. 22, 1957	DROBISCH, MILES R., Statistician, California Inspection Rating Bureau, 500 Sansome Street, San Francisco 11, Calif.

## FELLOWS

Admitted	
Nov. 14, 1958	DROPKIN, LESTER B., Associate Actuary, New York State Insurance Department, 123 William Street, New York 38, N. Y.
Nov. 24, 1938	EDWARDS, JOHN, Actuary, Ontario Department of Insurance, 1st Floor, 145 Queen Street West, Toronto 1, Ontario, Canada.
Nov. 15, 1940	ELLIOTT, GEORGE B., General Manager, Pennsylvania Compensation Rating Bureau, 315 Chestnut Street, Philadelphia 6, Pa.
Nov. 17, 1922	ELSTON, JAMES S., (Retired), 1640 Palmer Avenue, Winter Park, Fla.
Nov. 15, 1935	EPPINK, WALTER T., Treasurer and Actuary, Merchants Mutual Insurance Company, 268 Main Street, Buffalo 5, N. Y.
Nov. 14, 1958	ESPIE, ROBERT G., Chief Accounting Officer, Aetna Life Affiliated Companies, Hartford 15, Conn.
Nov. 18, 1955	FAIRBANKS, ALFRED V., Assistant Actuary, Monarch Life Insurance Company, 1250 State Street, Springfield, Mass.
†	FALLOW, EVERETT S., (Retired), 28 Sunset Terrace, West Hartford, Conn.
Nov. 15, 1940	FARLEY, JARVIS, Secretary, Treasurer and Actuary, Massachusetts Indemnity and Life Insurance Company, 654 Beacon Street, Boston 15, Mass.
†	FARRER, HENRY, (Retired), 1352 Overlea Street, Clearwater, Fla.
May 25, 1956	FINNEGAN, J. H., Manager, Actuarial Bureau, National Board of Fire Underwriters, 85 John Street, New York 38, N. Y.
Nov. 15, 1935	FITZHUGH, GILBERT W., Vice President, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Feb. 19, 1915	FONDILLER, RICHARD, Consulting Actuary, Woodward & Fondiller, Inc., 200 W. 57th Street, New York 19, N. Y.
Nov. 18, 1955	FOSTER, ROBERT B., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 18, 1955	FOWLER, THOMAS W., Principal Actuary, New York State Insurance Department, 324 State Street, Albany 10, N. Y.
Nov. 18, 1927	FREDERICKSON, CARL H., Actuary, Canadian Underwriters Association, 12 Upjohn Road, Don Mills, Ontario, Canada.
Nov. 22, 1934	FULLER, GARDNER V., Second Vice President, Lumbermens Mutual Casualty Company & American Motorists Insurance Company, 4750 Sheridan Road, Chicago 40, Ill.
Nov. 19, 1948	GARDINER, JAMES B., Assistant Actuary, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 22, 1957	GILLAM, WILLIAM S., Research Unit, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 20, 1924	GINSBURGH, HAROLD J., Senior Vice President, American Mutual Liability Insurance Company; & Vice President, American Policyholders' Insurance Company & Allied American Mutual Fire Insurance Company, Wakefield, Mass.
Nov. 21, 1930	GLENN, JOSEPH B., Consulting Actuary, 6110 Valley Road, Washington 14, D. C.
Nov. 13, 1931	GODDARD, RUSSEL P., Assistant to the President, Pennsylvania Manufacturers Association Casualty Insurance Company, Finance Bldg., Philadelphia, Pa.
†	GOODWIN, EDWARD S., (Retired), Investment Counselor, 96 Garvan Street, East Hartford 8, Conn.
Nov. 19, 1926	GRAHAM, CHARLES M., Consulting Actuary, 552 Oakhurst Road, Largo, Fla.

## FELLOWS

Admitted	
†	GRAHAM, WILLIAM J., Consultant, 1070 Park Avenue, New York 18, N. Y.
Nov. 19, 1958	GRAVES, CLYDE H., Actuary, Mutual Insurance Rating Bureau, & Assistant Manager, Mutual Insurance Advisory Association, 111 Fourth Avenue, New York 3, N. Y.
†	GREENE, WINFIELD W., President, W. W. Greene, Inc., Reinsurance Intermediaries and Actuarial Consultants, 32 Cliff Street, New York 38, N. Y.
Nov. 19, 1958	HALEY, JAMES B., JR., Actuary, Argonaut Insurance, 250 Middlefield Road, Menlo Park, Calif.
†	HAMMOND, H. PIERSON, (Retired), 22 Vanderbilt Road, West Hartford 7, Conn.
Nov. 16, 1956	HART, W. VAN BUREN, JR., Compensation & Liability Dept., Aetna Insurance Company, 55 Elm Street, Hartford 15, Conn.
Nov. 17, 1950	HARWAYNE, FRANK, Chief Actuary, New York State Insurance Department, 123 William Street, New York 38, N. Y.
Nov. 19, 1926	HAUGH, CHARLES J., Vice President, The Travelers Insurance Company & The Travelers Indemnity Company, 700 Main Street, Hartford 15, Conn.
Nov. 17, 1950	HAZAM, WILLIAM J., Assistant Vice President and Associate Actuary, American Mutual Liability Insurance Company, Wakefield, Mass.
Nov. 16, 1951	HEWITT, CHARLES C., JR., c/o Bowles, Andrews & Towne, 156 William Street, New York 38, N. Y.
Nov. 22, 1934	HOOKEE, RUSSELL O., Consulting Actuary, and President and Actuary, Insurance City Life Company, 750 Main Street, Hartford 3, Conn.
Nov. 17, 1950	HOPE, FRANCIS J., Assistant Secretary, Hartford Accident and Indemnity Company, 690 Asylum Avenue, Hartford 15, Conn.
Nov. 18, 1932	HUEBNER, SOLOMON STEPHEN, Emeritus Professor of Insurance, University of Pennsylvania; President Emeritus, American College of Life Underwriters, 3924 Walnut Street, Philadelphia 4, Pa.
Nov. 14, 1947	HUGHEY, M. STANLEY, Second Vice President, Lumbermens Mutual Casualty Company, 4750 Sheridan Road, Chicago 40, Ill.
†	HUNTER, ARTHUR, (Retired), 124 Lloyd Road, Montclair, N. J.
Nov. 18, 1955	HURLEY, ROBERT L., Actuary, Liberty Mutual Fire Insurance Company, 175 Berkeley Street, Boston 17, Mass.
Feb. 25, 1916	JACKSON, CHARLES W., (Retired), 801 Meadowlark Lane, Glenview, Ill.
Nov. 19, 1954	JOHE, RICHARD L., Actuary, United States Fidelity and Guaranty Company, Calvert & Redwood Streets, Baltimore 3, Md.
Nov. 14, 1941	JOHNSON, ROGER A., Actuary, Utica Mutual Insurance Company, P.O. Box 530, Utica 1, N. Y.
Nov. 16, 1939	JONES, HAROLD M., Group Research Div., John Hancock Mutual Life Insurance Company, 200 Berkeley Street, Boston 17, Mass.
Nov. 16, 1956	KALLOP, ROY H., Assistant Actuary, National Council on Compensation Insurance, 200 E. 42nd Street, New York 17, N. Y.
Nov. 22, 1957	KATES, PHILLIP B., Vice President and Actuary, Southern Fire and Casualty Company, P.O. Box 240, Knoxville, Tenn.
Nov. 19, 1926	KELTON, WILLIAM H., Actuary, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 14, 1941	KOLE, MORRIS B., Principal Actuary The State Insurance Fund, 199 Church Street, New York 7, N. Y.

## FELLOWS

Admitted	
Nov. 24, 1933	KORMES, MARK, Consulting Actuary, 285 Madison Avenue, New York 17, N. Y.
Nov. 16, 1951	KUBISTA, ELIA, (Retired), 4 W. Mill Drive, Great Neck, N. Y.
Nov. 19, 1953	KUENKLEB, ARTHUR S., Executive Vice President, Security-Connecticut Insurance Group, 175 Whitney Avenue, New Haven, Conn.
Nov. 18, 1949	LA CROIX, HAROLD F., Associate Actuary, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 13, 1931	LA MONT, STEWART M., (Retired), Hotel Claremont, Berkeley, Calif.
†	LESLIE, WILLIAM, (Retired), P.O. Box 104, Newtown, Conn.
Nov. 17, 1950	LESLIE, WILLIAM, JR., General Manager, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 20, 1924	LINDER, JOSEPH, Consulting Actuary, Wolfe, Corcoran & Linder, 116 John Street, New York 38, N. Y.
Nov. 16, 1956	LINO, RICHARD, Senior Assistant Actuary, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 18, 1955	LISCORD, PAUL S., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 17, 1950	LIVINGSTON, GILBERT R., Consulting Actuary, 192 Nutley Avenue, Nutley 10, N. J.
Nov. 16, 1951	LONGLEY-COOK, LAURENCE H., Actuary, Insurance Company of North America, 1600 Arch Street, Philadelphia 1, Pa.
Nov. 13, 1936	LYONS, DANIEL J., Vice President, Guardian Life Insurance Company, 50 Union Square, New York 3, N. Y.
Nov. 19, 1954	MACKEEN, HAROLD E., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 14, 1958	MAGRATH, JOSEPH J., Secretary, Federal Insurance Company, 90 John Street, New York 38, N. Y.
Nov. 22, 1957	MAKGILL, STEPHEN, S., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 23, 1928	MARSHALL, RALPH M., Assistant Actuary, National Council on Compensation Insurance, 200 E. 42nd Street, New York 17, N. Y.
Nov. 18, 1927	MASTERSON, NORTON E., Vice President, and Actuary, Hardware Mutual Casualty Company & Hardware Dealers Mutual Fire Insurance Company, 200 Strongs Avenue, Stevens Point, Wis.
Nov. 19, 1926	MATTHEWS, ARTHUR N., Actuary, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
May 19, 1915	MAYCRINK, EMMA C., 32 Chittenden Avenue, Crestwood, N. Y.
Nov. 14, 1958	MATERSON, ALLEN L., Assistant Professor, Mathematics and Insurance, University of Michigan, Ann Arbor, Mich.
Nov. 15, 1935	MCCONNELL, MATTHEW H., Superintendent, Compensation & Liability Dept., General Accident Fire and Life Assurance Corporation, Ltd., Fourth and Walnut Streets, Philadelphia 5, Pa.
Oct. 31, 1917	MCMANUS, ROBERT J., (Retired), 8 Ridgebrook Drive, West Hartford, Conn.
Nov. 18, 1955	MENZEL, HENRY W., Actuary, Springfield Insurance Companies, 1250 State Street, Springfield, Mass.
†	MICHELBAEGER, GUSTAV F., (Retired), 72 Hartsdale Avenue, White Plains, N. Y.

## FELLOWS

Admitted	
Nov. 17, 1938	MILLER, JOHN H., Vice President and Senior Actuary, Monarch Life Insurance Company, Springfield 1, Mass.
†	MILLIGAN, SAMUEL, Senior Vice President, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 18, 1937	MILLS, JOHN A., Vice President and Actuary, Lumbermens Mutual Casualty Company, American Motorists Insurance Company, American Manufacturers Mutual Insurance Company & Federal Mutual Insurance Company, 4750 Sheridan Road, Chicago 40, Ill.
Nov. 22, 1957	MILLS, RICHARD J., Statistical Dept., Lumbermens Mutual Casualty Company, 4750 Sheridan Road, Chicago 40, Ill.
Nov. 18, 1921	MONTGOMERY, VICTOR, President, Pacific Employers Insurance Company & California Union Insurance Company, 1033 S. Hope Street, Los Angeles 15, Calif.
†	MOORE, GEORGE D., Actuary, 13 Emerson Street, East Orange, N. J.
Nov. 17, 1920	MUELLER, LOUIS H., 2845 Lake Street, San Francisco 21, Calif.
Nov. 16, 1956	MUETTERTIES, JOHN H., Casualty Actuary, Industrial Indemnity Company, 155 Sansome Street, San Francisco 4, Calif.
Nov. 17, 1950	MUNTERICH, GEORGE C., Assistant Secretary, Hartford Accident and Indemnity Company & Hartford Fire Insurance Company, 690 Asylum Avenue, Hartford 15, Conn.
May 28, 1920	MURPHY, RAY D., Chairman of the Board, Equitable Life Assurance Society of the United States, 393 Seventh Avenue, New York 1, N. Y.
Nov. 19, 1954	MURRIN, THOMAS E., Associate Actuary, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 14, 1958	NILES, CHARLES L., JR., Assistant Actuary, American Mutual Liability Insurance Company, Wakefield, Mass.
Nov. 15, 1935	OBERHAUS, THOMAS M., Consulting Actuary, Woodward & Fondiller, Inc., 250 W. 57th Street, New York 19, N. Y.
†	OLIFBERS, EDWARD, Consulting Actuary, Caixa Postal 8, Petropolis, Rio, Brazil.
†	ORR, ROBERT K., (Retired), 757 S. Johnson Avenue, Lakeland, Fla.
Nov. 22, 1957	OTTESON, PAUL M., Vice President and Actuary, Federated Mutual Implement and Hardware Insurance Company, 129 East Broadway, Owatonna, Minn.
Nov. 21, 1919	OUTWATER, OLIVE E., (Retired), Harbert, Mich.
Nov. 22, 1957	PERKINS, WILLIAM J., Senior Actuarial Assistant, The London Life Insurance Company, London, Ontario, Canada.
Nov. 21, 1930	PERRYMAN, FRANCIS S., Assistant United States Manager and Actuary, Royal-Globe Insurance Group, 150 William Street, New York 38, N. Y.
Nov. 14, 1941	PETERS, STEFAN, Actuary, Connell, Price and Company, 161 Devonshire Street, Boston 9, Mass.
Nov. 21, 1952	PETZ, EARL F., Statistical Dept., Lumbermens Mutual Casualty Company, 4750 Sheridan Road, Chicago 40, Ill.
Nov. 24, 1933	PICKETT, SAMUEL C., (Retired), 126 Macktown Road, Windsor, Conn.
Nov. 22, 1957	PINNEY, ALLEN D., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 17, 1922	PINNEY, SYDNEY D., 290 Wolcott Hill Road, Wethersfield 9, Conn.

## FELLOWS

Admitted	
Nov. 13, 1931	PRUITT, DUDLEY M., Assistant General Manager and Actuary, General Accident Fire and Life Assurance Corporation, Ltd., Fourth & Walnut Streets, Philadelphia 5, Pa.
Nov. 18, 1955	RESONY, ALLIE V., Actuary; Accident & Sickness Div., Actuarial Dept., Hartford Accident and Indemnity Company, 690 Asylum Avenue, Hartford 15, Conn.
Nov. 18, 1949	RESONY, JOHN A., Assistant Secretary, Accident & Group Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 16, 1951	RICE, HOMER D., (Retired), 1731 Morningside Drive, Mount Dora, Fla.
Nov. 19, 1926	RICHTER, OTTO C., Chief Actuary, American Telephone & Telegraph Company, 195 Broadway, New York 7, N. Y.
May 24, 1921	RIEGEL, ROBERT, Professor of Statistics and Insurance, University of Buffalo, Buffalo 14, N. Y.
Nov. 14, 1958	ROBERTS, LEWIS H., Mathematician, National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 14, 1947	RODERMUND, MATTHEW, Assistant Secretary, Interboro Mutual Indemnity Insurance Company, 270 Madison Avenue, New York 16, N. Y.
Nov. 14, 1947	ROSENBERG, NORMAN, Executive Assistant, Farmers Insurance Group, 4680 Wilshire Boulevard, Los Angeles 54, Calif.
Nov. 14, 1947	ROWELL, JOHN H., Actuary, Health Service Inc., Medical Indemnity of America, Inc., 200 N. Michigan Avenue, Chicago 1, Ill.
Nov. 17, 1938	RUCHLIS, ELSIE, Actuarial Dept., National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 14, 1947	SALZMANN, RUTH E., Associate Actuary Hardware Mutual Casualty Company & Hardware Dealers Mutual Fire Insurance Company, 200 Strongs Avenue, Stevens Point, Wis.
Nov. 19, 1948	SCHLOSS, HAROLD W., Secretary, Royal-Globe Insurance Group, 150 William Street, New York 38, N. Y.
Nov. 18, 1937	SHAPIRO, GEORGE I., 934 E. 9th Street, Brooklyn 30, N. Y.
Nov. 18, 1931	SILVERMAN, DAVID, Partner, Wolfe, Corcoran & Linder, 116 John Street, New York 38, N. Y.
Nov. 19, 1954	SIMON, LEROY J., Associate Actuary, Insurance Company of North America, 1600 Arch Street, Philadelphia 1, Pa.
Nov. 19, 1929	SKELDING, ALBERT Z., Associate General Manager, National Council on Compensation Insurance, 200 E. 42nd Street, New York 17, N. Y.
Nov. 19, 1929	SKILLINGS, E. SHAW, Assistant Vice President and Actuary, Allstate Insurance Company, 7447 Skokie Boulevard, Skokie, Ill.
Nov. 18, 1932	SMICK, JACK J., Consulting Actuary, 200 E. 42nd Street, New York, 17, N. Y.
Nov. 14, 1958	SMITH, EDWARD M., Actuarial Assistant; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 15, 1940	SMITH, SEYMOUR E., Vice President and Actuary, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 16, 1951	SNOW, A. J., Manager, Oregon Insurance Rating Bureau, 329 S.W. 5th Avenue, Portland, Ore.
Nov. 24, 1933	St. JOHN, JOHN B., Consulting Actuary, Box 57, Penllyn, Pa.
Nov. 18, 1927	STONE, EDWARD C., Chairman of the Board, American Employers' Insurance Company, 40 Central Street, Boston 9, Mass.

## FELLOWS

Admitted	
May 25, 1956	TAPLEY, DAVID A., Actuary, State Farm Mutual Automobile Insurance Company, 112 E. Washington Street, Bloomington, Ill.
Nov. 14, 1958	TARBELL, LUTHER L., JR., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 16, 1956	THOMAS, JAMES W., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
†	THOMPSON, JOHN S., (Retired), Vice Chairman of Board, Mutual Benefit Life Insurance Company, 520 Broad Street, Newark 2, N. J.
Nov. 17, 1922	TRAVERSI, ANTONIO T., 59 Barry Street, Neutral Bay, Sydney, Australia.
Nov. 19, 1958	TRIST, JOHN A. W., Statistical Dept., Lumbermens Mutual Casualty Company, DeForest Avenue, Summit, N. J.
Nov. 19, 1948	TURNER, PAUL A., 485 S. La Cienega Boulevard, Los Angeles 48, Calif.
Nov. 14, 1947	URTHOFF, D. R., Associate Actuary, Employers' Mutual Liability Insurance Company of Wisconsin, 407 Grant Street, Wausau, Wis.
Nov. 23, 1928	VALERIUS, NELS M., Associate Actuary, Aetna Casualty and Surety Company, 151 Farmington Avenue, Hartford 15, Conn.
Nov. 21, 1919	VAN TUYL, HIRAM O., (Retired), 17 Coolidge Avenue, White Plains, N. Y.
Nov. 16, 1951	VINCENT, LEWIS A., General Manager, National Board of Fire Underwriters, 85 John Street, New York 38, N. Y.
Nov. 17, 1920	WAITE, ALAN W., (Retired), 86 Hunter Drive, West Hartford 7, Conn.
Nov. 14, 1947	WIEDER, JOHN W., JR., Associate Actuary, Aetna Casualty and Surety Company, 151 Farmington Avenue, Hartford 15, Conn.
Nov. 15, 1935	WILLIAMS, HARRY V., Vice President, Hartford Accident and Indemnity Company, 690 Asylum Avenue, Hartford 15, Conn.
Nov. 22, 1957	WILLIAMS, PHILLIP A., Assistant Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 14, 1941	WILLIAMSON, W. RULON, Research Actuary, 3400 Fairhill Drive, Washington 23, D. C.
Nov. 13, 1931	WITTICK, HERBERT E., Vice President and General Manager, Pilot Insurance Company, 1315 Yonge Street, Toronto 7, Ontario, Canada.
Nov. 18, 1949	WOLFRUM, RICHARD J., Assistant Actuary, Liberty Mutual Insurance Company, 175 Berkeley Street, Boston 17, Mass.
Nov. 16, 1951	WOODALL, JOHN P., Manager, South-Eastern Underwriters Association, 327 Trust Co. of Georgia Bldg., Atlanta 2, Ga.
Nov. 14, 1958	WRIGHT, BYRON, Actuary, Department of Banking and Insurance, State of New Jersey, State House Annex, Trenton 25, N. J.
Nov. 19, 1958	YOUNT, HUBERT W., Executive Vice President, Liberty Mutual Insurance Company, 175 Berkeley Street, Boston 17, Mass.

## ASSOCIATES

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Admitted	
Nov. 22, 1957	ABEL, FRANCES E., Actuarial Div., National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 15, 1918	ACKERMAN, SAUL B., 405 Lexington Avenue, New York 17, N. Y.
Nov. 16, 1939	AIN, SAMUEL N., Consulting Actuary, 120 Broadway, New York 5, N. Y.
Nov. 22, 1957	ALEXANDER, LEE M., Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford, 15, Conn.
Apr. 5, 1928	ALLEN, AUSTIN F., Chairman of the Board, Texas Employers' Insurance Association, P.O. Box 2759, Dallas 21, Texas.
Nov. 18, 1955	ANDREWS, EDWARD C., Associate Actuary; Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 15, 1918	ANKERS, ROBERT E., 414 E. Broad Street, Falls Church, Va.
Nov. 21, 1930	ARCHIBALD, A. EDWARD, Vice President, Investors Diversified Services, Inc., Minneapolis 2, Minn.
Nov. 24, 1933	BARRON, JAMES C., Comptroller, American Mercury Insurance Company, 2251 Wisconsin Avenue, N.W., Washington 7, D. C.
Nov. 23, 1928	BATEMAN, ARTHUR E., Pine Grove Rest Home, Marlboro, Mass.
Nov. 15, 1940	BATHO, BRUCE, Vice President and Comptroller, Life Insurance Company of Georgia, 573 W. Peachtree Street, N.E., Atlanta 8, Ga.
Nov. 16, 1956	BERG, ROY A., JR., Assistant Actuary, Old Republic Life Insurance Company, 307 N. Michigan Avenue, Chicago 1, Ill.
Nov. 14, 1958	BERNAT, LEO ALLEN, Consultant, Minnesota Research Associates, 688 Holly Avenue, Apt. 4, St. Paul 4, Minn.
Nov. 18, 1925	BITTEL, W. HAROLD, Chief Actuary, Department of Banking and Insurance, State of New Jersey, Trenton 25, N. J.
Nov. 17, 1920	BLACK, NELLAS C., (Retired), 4310 Norwood Road, Baltimore 18, Md.
Nov. 14, 1958	BLODGET, HUGH R., Casualty Statistical Dept., Aetna Casualty and Surety Company, 151 Farmington Avenue, Hartford 15, Conn.
Nov. 14, 1958	BLUMENFELD, M. EUGENE, Cost Analyst, Federal Life and Casualty Company, Wolverine-Federal Tower, Battle Creek, Mich.
Nov. 22, 1934	BOMSE, EDWARD L., Assistant Manager, Foreign Dept., Royal-Globe Insurance Group, 150 William Street, New York 38, N. Y.
Nov. 23, 1928	BOWER, PERRY S., Assistant General Manager and Treasurer, The Great-West Life Assurance Company, 177 Lombard Street, Winnipeg, Manitoba, Canada.
Nov. 22, 1957	BOYLE, JAMES I., Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 22, 1957	BRAGG, JOHN M., Actuary, Life Insurance Company of Georgia, 573 W. Peachtree Street, N.E., Atlanta 8, Ga.
Oct. 22, 1915	BUFFLER, LOUIS, Insurance Underwriting Consultant, The State Insurance Fund, 199 Church Street, New York 7, N. Y.
Nov. 20, 1924	BUGBEE, JAMES M., Vice President, Maryland Casualty Company, Box 1228, Baltimore 3, Md.
Mar. 31, 1920	BURT, MARGARET A., Office of George B. Buck, Consulting Actuary, 60 Worth Street, New York 13, N. Y.

## ASSOCIATES

Admitted	
Nov. 22, 1957	BYRNE, HARRY T., Casualty Statistical Dept., Aetna Casualty and Surety Company, 151 Farmington Avenue, Hartford 15, Conn.
Nov. 17, 1922	CAVANAUGH, LEO D., Chairman of the Board, Federal Life Insurance Company, 6100 N. Cicero Avenue, Chicago 46, Ill.
Nov. 18, 1927	CHEN, S. T., Consulting Actuary, The Wing On Life Assurance Company, Ltd., Wing On Life Bldg., 22 Des Voeux Road, Central, Hong Kong.
Nov. 22, 1957	CHURCH, HARRY M., Coates, Herfurth & England, Consulting Actuaries, 325 North Lake, Pasadena, Calif.
Nov. 18, 1955	COATES, WILLIAM D., Assistant Actuary, Accident & Health Dept., Continental Casualty Company, 310 S. Michigan Avenue, Chicago 4, Ill.
Nov. 19, 1953	CONTE, JOSEPH P., Vice President and Secretary, Columbian Mutual Life Insurance Company, 305 Main Street, Binghamton, N. Y.
Nov. 24, 1933	CRAWFORD, WILLIAM H., Vice President and Treasurer, Industrial Indemnity Company, 155 Sansome Street, San Francisco 4, Calif.
Nov. 18, 1932	CRIMMINS, JOSEPH B., Associate Actuary, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 19, 1953	CROFTS, GEOFFREY, Associate Professor of Actuarial Science, Occidental College, Los Angeles 41, Calif.
Nov. 21, 1952	DANIEL, C. M., Applied Service Representative, International Business Machines Corporation, 2116 Grand, Des Moines 12, Iowa.
Nov. 18, 1925	DAVIS, MALVIN E., Vice President and Chief Actuary, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 16, 1956	DORF, STANLEY, Actuarial Dept., Royal-Globe Insurance Group, 150 William Street, New York 38, N. Y.
Nov. 14, 1941	DOWLING, WILLIAM F., President, New York Mutual Casualty Insurance Company, 260 Fourth Avenue, New York 10, N. Y.
Nov. 14, 1958	DUROSE, STANLEY C., JR., Insurance Rater, Wisconsin Insurance Department, 127 South, State Capitol, Madison 2, Wis.
Nov. 19, 1954	EATON, KARL F., Electronics Analyst, Business Men's Assurance Company, 215 Pershing Road, Kansas City 41, Mo.
June 5, 1925	EGER, FRANK A., Secretary-Comptroller, Indemnity Insurance Company of North America, 1600 Arch Street, Philadelphia 1, Pa.
Nov. 19, 1954	EIDE, K. ARNE, Statistical Bureau, Actuarial Div., Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 16, 1956	FAUST, J. EDWARD, JR., Group and Casualty Actuary, Nelson & Warren Inc., Consulting Actuaries, 111 South Bemiston, St. Louis, Mo.
Nov. 22, 1957	FELDMAN, MARTIN F., Senior Actuary, New York State Insurance Department, 123 William Street, New York 38, N. Y.
Nov. 16, 1956	FLACK, PAUL R., Actuarial Assistant, General Accident Fire and Life Assurance Corporation, Ltd., 414 Walnut Street, Philadelphia 5, Pa.
Nov. 16, 1923	FLEMING, FRANK A., (Retired), c/o Mutual Insurance Rating Bureau, 111 Fourth Avenue, New York 3, N. Y.
Nov. 21, 1952	FRANKLIN, NATHAN M., Actuary, The Surety Association of America, 60 John Street, New York 38, N. Y.
Nov. 19, 1929	FURNIVALL, MAURICE L., Associate Actuary, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.

## ASSOCIATES

Admitted	
Nov. 19, 1954	GAINES, NATHANIEL, Office of George B. Buck, Consulting Actuary, 60 Worth Street, New York 13, N. Y.
Nov. 18, 1932	GETMAN, RICHARD A., Assistant Actuary, Life Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 17, 1922	GIBSON, JOSEPH P., JR., President, American Mutual Reinsurance Company, 919 N. Michigan Avenue, Chicago 11, Ill.
Nov. 16, 1923	GILDEA, JAMES F., (Retired), 236 Nott Street, Wethersfield, Conn.
Nov. 14, 1947	GINGERY, STANLEY W., Associate Actuary, The Prudential Insurance Company of America, Newark 1, N. J.
Nov. 18, 1927	GREEN, WALTER C., Consulting Actuary, 455 East 4th South, Salt Lake City 11, Utah.
Nov. 15, 1940	GROSSMAN, ELI A., Vice President, The Great Eastern Life Insurance Company, 10 Dorrance St., Providence 3, R. I.
Nov. 15, 1935	GUERTIN, ALFRED N., Actuary, American Life Convention, 230 N. Michigan Avenue, Chicago 1, Ill.
Nov. 16, 1939	HAGEN, OLAF E., Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 18, 1921	HAGGARD, ROBERT E., (Retired), 922 The Alameda, Berkeley 7, Calif.
Nov. 17, 1922	HALL, HARTWELL L., (Retired), 34 Lincoln Avenue, West Hartford 7, Conn.
Nov. 13, 1936	HAM, HUGH P., Vice President and General Manager, The Western Assurance Company, 40 Scott Street, Toronto 1, Ontario, Canada.
Nov. 19, 1953	HARACK, JOHN, Manager, Statistical-Research Div., Blue Shield Medical Care Plans, 425 N. Michigan Avenue, Chicago 11, Ill.
Mar. 24, 1932	HARRIS, SCOTT, Executive Vice President, Joseph Froggatt & Company, Inc., 74 Trinity Place, New York 6, N. Y.
Mar. 25, 1924	HART, WARD VAN B., 49 Robbins Drive, Wethersfield 9, Conn.
Nov. 21, 1919	HAYDON, GEORGE F., Manager Emeritus, Wisconsin Compensation Rating Bureau, 623 N. 2nd Street, Milwaukee 3, Wis.
Nov. 19, 1953	HEAD, GLENN O., Vice President and Actuary, The United States Life Insurance Company, 84 William Street, New York 38, N. Y.
Nov. 17, 1927	HIPP, GRADY H., (Retired), 216 Pine Forest Drive, Greenville, S. C.
Nov. 22, 1957	HOUSTON, DAVID B., Acting Assistant Professor of Insurance, University of California, School of Business Administration, Los Angeles 24, Calif.
Nov. 22, 1957	HUNT, FREDERIC J., JR., Assistant Actuary, Insurance Company of North America, 1600 Arch Street, Philadelphia 1, Pa.
Nov. 19, 1929	JACOBS, CARL N., President, Hardware Mutual Casualty Company & Hardware Dealers Mutual Fire Insurance Company, 200 Strongs Avenue, Stevens Point, Wis.
Nov. 18, 1921	JENSEN, EDWARD S., Assistant Vice President, Group Dept., Occidental Life Insurance Company of California, 1151 South Broadway, Los Angeles 55, Calif.
Nov. 21, 1930	JONES, H. LLOYD, (Retired), 9 Midland Gardens, Bronxville, N. Y.
Nov. 21, 1919	JONES, LORING D., (Retired), 64 Raymond Avenue, Rockville Centre, L. I., N. Y.
Nov. 21, 1952	JONES, NATHAN F., Associate Actuary, The Prudential Insurance Company of America, Newark 1, N. J.
Nov. 17, 1922	KIRK, CARL L., Consulting Actuary, 135 S. LaSalle Street, Chicago 3, Ill.

## ASSOCIATES

Admitted	
Nov. 16, 1956	KLAASSEN, ELDON, J., Assistant Actuary, Continental Casualty Company, 310 S. Michigan Avenue, Chicago 4, Ill.
Nov. 14, 1958	LATIMER, MURRAY W., Industrial Relations Consultant, 1625 K Street, N.W., Washington 6, D. C.
Nov. 14, 1947	LUFKIN, ROBERT W., Office Manager, Craftsman Insurance Company, 851 Boylston Street, Boston 16, Mass.
Nov. 18, 1925	MALMUTH, JACOB J., Principal Examiner, New York State Insurance Department, 123 William Street, New York 38, N. Y.
Mar. 24, 1927	MARSH, CHARLES VAN R., (Retired), Fidelity and Deposit Company, Charles & Lexington Streets, Baltimore, Md.
Nov. 16, 1956	MATHWICK, L. F., Group Rate Analyst, Employers' Mutual Liability Insurance Company of Wisconsin, 407 Grant Street, Wausau, Wis.
Nov. 13, 1936	MAYER, WILLIAM H., JR., Manager, Group Contract Bureau, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
May 26, 1955	MCDONALD, MILTON G., Fire and Casualty Actuary, Department of Banking and Insurance, 100 Nashua Street, Boston 14, Mass.
Nov. 14, 1958	MCGUINNESS, J. S., Associate Actuary, Allstate Insurance Company, 7447 Skokie Boulevard, Skokie, Ill.
Nov. 17, 1922	MCIVER, R. A., Actuary, Washington National Insurance Company, 1630 Chicago Avenue, Evanston, Ill.
Nov. 13, 1931	MILLER, HENRY C., Comptroller, California State Compensation Insurance Fund, 450 McAllister Street, San Francisco 1, Calif.
Nov. 18, 1937	MINOR, EDUARD H., Assistant Actuary, Metropolitan Life Insurance Company, 1 Madison Avenue, New York 10, N. Y.
Nov. 17, 1922	MONTGOMERY, JOHN C., (Retired), 165 Westervelt Avenue, Tenafly, N. J.
May 25, 1923	MOORE, JOSEPH P., 115 St. Catherine Road, Outremont, Quebec, Canada.
Nov. 22, 1957	MUIR, JOSEPH M., General Manager, Mutual Insurance Rating Bureau, & Acting General Manager, Mutual Insurance Advisory Association, 111 Fourth Avenue, New York 3, N. Y.
Nov. 18, 1937	MYERS, ROBERT J., Chief Actuary, Social Security Administration, Washington 25, D. C.
Nov. 15, 1935	NELSON, S. TYLER, Casualty Division Manager, American Agricultural Mutual Insurance Company, Room 2300 Merchandise Mart, Chicago 54, Ill.
Oct. 27, 1916	NEWELL, WILLIAM, (Retired), 1225 Park Avenue, New York 28, N. Y.
Nov. 18, 1925	NICHOLSON, EARL, Actuary, Joseph Froggatt & Company, Inc., 74 Trinity Place, New York 6, N. Y.
May 23, 1919	OTTO, WALTER E., Chairman of the Board, Michigan Mutual Liability Company, 28 W. Adams Avenue, Detroit 26, Mich.
Nov. 19, 1926	OVERHOLSER, DONALD M., Office of George B. Buck, Consulting Actuary, 60 Worth Street, New York 13, N. Y.
Nov. 20, 1924	PENNOCK, RICHARD M., (Retired), 12 E. Lodges Lane, Bala-Cynwyd, Pa.
Nov. 21, 1952	PENNYCOOK, RODERICK B., Assistant Commissioner, Manitoba Hospital Services Plan, 116 Edmonton Street, Winnipeg, Manitoba, Canada.
Nov. 14, 1947	PERRY, ROBERT C., First Vice President, State Farm Life Insurance Company, 112 E. Washington Street, Bloomington, Ill.

## ASSOCIATES

Admitted	
Nov. 16, 1956	PHILLIPS, HERBERT J., JR., Actuarial Assistant, Employers' Liability Assurance Corporation, Ltd., 110 Milk Street, Boston 7, Mass.
Nov. 19, 1929	PHILLIPS, JOHN H., Vice President and Actuary, Employers' Mutual Liability Insurance Company of Wisconsin & Employers' Mutual Fire Insurance Company, 407 Grant Street, Wausau, Wis.
Nov. 17, 1920	PIKE, MORRIS, Vice President, John Hancock Mutual Life Insurance Company, Boston 17, Mass.
Nov. 23, 1928	PIPER, K. B., Vice President, Provident Life and Accident Insurance Company, 721 Broad Street, Chattanooga 2, Tenn.
Nov. 14, 1958	POLLACK, ROBERT, Actuarial Assistant, American Mutual Liability Insurance Company, Wakefield, Mass.
Nov. 17, 1922	POORMAN, WILLIAM F., President, Central Life Assurance Company, 611 Fifth Avenue, Des Moines 6, Iowa.
Nov. 13, 1936	POTOFSKY, SYLVIA, Senior Actuary, The State Insurance Fund, 199 Church Street, New York 7, N. Y.
Nov. 15, 1918	RAYWID, JOSEPH, Woodward & Fondiller, Inc., 200 W. 57th Street, New York 19, N. Y.
Nov. 19, 1932	RICHARDSON, HARRY F., (Retired), Seven Oaks, Bozman, Md.
Nov. 19, 1953	RICHMOND, OWEN D., Department Head, IBM Dept., Business Men's Assurance Company, 215 Fershing Road, Kansas City, Mo.
Nov. 18, 1932	ROBERTS, JAMES A., Group Statistician, The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 18, 1927	SARASON, HARRY M., Consulting Actuary, 1121 S. Hill Street, Los Angeles 15, Calif.
Nov. 14, 1958	SARNOFF, PAUL E., Assistant Actuarial Director, The Prudential Insurance Company of America, Newark 1, N. J.
Nov. 16, 1923	SAWYER, ARTHUR, (Retired), 217 San Antonio West, San Clemente, Calif.
Nov. 14, 1947	SCAMMON, LAWRENCE W., Manager, Massachusetts Automobile Rating & Accident Prevention Bureau, Massachusetts Workmen's Compensation Rating & Inspection Bureau, & Massachusetts Motor Vehicle Assigned Risk Plan, 89 Broad Street, Boston, Mass.
Nov. 14, 1958	SCHLENZ, J. W., Actuary, Federal Life & Casualty Company, Wolverine-Federal Tower, Battle Creek, Mich.
Nov. 22, 1957	SCHNEIKER, HENRY C., Associate Statistician, Mutual Insurance Rating Bureau, 111 Fourth Avenue, New York 3, N. Y.
Nov. 19, 1954	SCHULMAN, JUSTIN, Actuarial Dept., National Bureau of Casualty Underwriters, 60 John Street, New York 38, N. Y.
Nov. 14, 1947	SCHWARTZ, MAX J., Principal Actuary, New York State Insurance Department, 324 State Street, Albany 10, N. Y.
Nov. 20, 1930	SEVILLA, EXSQUEL S., President, Manager and Actuary, National Life Insurance Company of the Philippines, Regina Bldg., P.O. Box 2056, Manila, Philippines.
Nov. 22, 1957	SHAVER, C. OTIS, Actuary, Nationwide Mutual Fire Insurance Company, 246 N. High Street, Columbus 16, Ohio.
Nov. 20, 1924	SHEPPARD, NORRIS E., Professor of Mathematics, University of Toronto, Toronto 5, Canada.
Nov. 14, 1958	SIMONEAU, PAUL W., Casualty Statistical Dept., Aetna Casualty and Surety Company, 151 Farmington Avenue, Hartford 15, Conn.

## ASSOCIATES

Admitted	
Nov. 19, 1926	SOMERVILLE, WILLIAM F., (Retired), "Brookholm," Lawson, Mo.
Nov. 18, 1925	SOMMER, ARMAND, Vice President, Continental Casualty Company, Transportation Insurance Company & United States Life Insurance Company, 310 S. Michigan Avenue, Chicago 4, Ill.
Nov. 15, 1918	SPENCER, HAROLD S., (Retired), 8 Chelsea Lane, West Hartford, Conn.
Nov. 14, 1958	STANKUS, LEO M., Associate Actuary, Allstate Insurance Company, 7447 Skokie Boulevard, Skokie, Ill.
Nov. 20, 1924	STELLWAGEN, HERBERT P., Executive Vice President, Indemnity Insurance Company of North America, 1600 Arch Street, Philadelphia 1, Pa.
Nov. 16, 1956	STERN, PHILIPP K., Actuary, Mutual Insurance Rating Bureau, 111 Fourth Avenue, New York 3, N. Y.
Nov. 16, 1923	STOKE, KENDRICK, Actuary, Michigan Mutual Liability Company, 28 W. Adams Avenue, Detroit 26, Mich.
Nov. 21, 1930	SULLIVAN, WALTER F., Actuary, State Compensation Insurance Fund, 450 McAllister Street, San Francisco 1, Calif.
Nov. 14, 1958	SYKES, ZENAS M., JR., Actuarial Assistant, United States Fidelity and Guaranty Company, Baltimore 3, Md.
Nov. 21, 1919	TRENCH, FREDERICK H., Budget Director, Utica Mutual Insurance Company, P.O. Box 530, Utica 1, N. Y.
Nov. 20, 1924	UHL, M. ELIZABETH, National Bureau of Casualty Underwriters, 60 John Street, New York 33, N. Y.
Nov. 14, 1958	VAN CLEAVE, MARVIN E., Chief, Rate Div., Wisconsin Insurance Department, 127 South, State Capitol, Madison 2, Wis.
Nov. 18, 1932	WEINSTEIN, MAX S., Actuary, New York State Employees' Retirement System, 90 S. Swan Street, Albany 1, N. Y.
Nov. 18, 1925	WELLMAN, ALEXANDER C., Senior Vice President, Protective Life Insurance Company, Birmingham, Ala.
Nov. 21, 1930	WELLS, WALTER I., Secretary, Sickness & Accident Div., State Mutual Life Assurance Company of America, 440 Lincoln Street, Worcester, Mass.
Nov. 16, 1951	WERMEL, MICHAEL T., Vice President, Woodward & Fondiller, Inc., Consulting Actuaries, 417 S. Hill Street, Los Angeles 13, Calif.
Nov. 18, 1927	WHITBREAD, F. G., Assistant Vice President, Lincoln National Life Insurance Company, 1301-27 S. Harrison Street, Fort Wayne, Ind.
Nov. 19, 1948	WHITE, AUBREY, Vice President and Actuary, Osthelmer & Company, 1510 Chestnut Street, Philadelphia 2, Pa.
Nov. 22, 1957	WILCKEN, CARL L., Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 19, 1954	WILLIAMS, DEWEY G., Assistant Actuary, Texas Employers' Insurance Association, Dallas 1, Texas.
Nov. 14, 1958	WILLSEY, LYNN W., Casualty, Fire & Marine Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 18, 1955	WILSON, JAMES C., Actuary, Wolverine Insurance Company, Battle Creek, Mich.
Nov. 16, 1939	WITTLAKE, J. CLARKE, Vice President, Business Men's Assurance Company, B.M.A. Bldg., Kansas City 10, Mo.

Admitted	
Oct. 22, 1915	WOOD, DONALD M., Partner, Childs & Wood, 175 W. Jackson Boulevard, Chicago 4, Ill.
Nov. 18, 1937	WOOD, DONALD M., JR., Partner, Childs & Wood, 175 W. Jackson Boulevard, Chicago 4, Ill.
Nov. 18, 1927	WOOD, MILTON J., Vice President and Actuary, Life, Accident & Group Actuarial Dept., The Travelers Insurance Company, 700 Main Street, Hartford 15, Conn.
Nov. 17, 1950	WOODDY, JOHN C., Associate Actuary, North American Reassurance Company, 161 E. 42nd Street, New York 17, N. Y.
Nov. 22, 1934	WOODWARD, BARBARA H., Assistant Secretary and Regional General Counsel, The Reuben H. Donnelley Corporation, 305 E. 45th Street, New York 17, N. Y.
Nov. 16, 1956	WOODWORTH, JAMES H., Superintendent, Rating Div. of Actuarial Dept., Hartford Accident and Indemnity Company, 690 Asylum Avenue, Hartford 15, Conn.
Nov. 18, 1925	WOOLERY, JAMES MYRON, Vice President and Actuary, Occidental Life Insurance Company, Raleigh, N. C.

## OFFICERS OF THE SOCIETY

Since Date of Organization

*Elected*

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1916-1917	*James D. Craig
1918	*Joseph H. Woodward
1919	*Benedict D. Flynn
1920	*Albert H. Mowbray
1921	*Albert H. Mowbray
1922	*Harwood E. Ryan
1923	William Leslie
1924-1925	Gustav F. Michelbacher
1926-1927	*Sanford B. Perkins
1928-1929	George D. Moore
1930-1931	*Thomas F. Tarbell
1932-1933	Paul Dorweiler
1934-1935	Winfield W. Greene
1936-1937	*Leon S. Senior
1938-1939	Francis S. Perryman
1940	Sydney D. Pinney
1941	Ralph H. Blanchard
1942	Ralph H. Blanchard
1943-1944	Harold J. Ginsburgh
1945-1946	Charles J. Haugh
1947-1948	James M. Cahill
1949-1950	Harmon T. Barber
1951-1952	Thomas O. Carlson
1953-1954	Seymour E. Smith
1955-1956	Norton E. Masterson
1957-1958	Dudley M. Pruitt

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*Albert H. Mowbray	*Benedict D. Flynn
*Joseph H. Woodward	*Harwood E. Ryan
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William Leslie	*Leon S. Senior
*Leon S. Senior	*Harwood E. Ryan
Gustav F. Michelbacher	*Edmund E. Cammack
Gustav F. Michelbacher	*Edmund E. Cammack
*Sanford B. Perkins	Ralph H. Blanchard
George D. Moore	*Thomas F. Tarbell
Sydney D. Pinney	Paul Dorweiler
*Roy A. Wheeler	Winfield W. Greene
William F. Roeber	*Leon S. Senior
Ralph H. Blanchard	Charles J. Haugh
Sydney D. Pinney	Francis S. Perryman
Harmon T. Barber	William J. Constable
Harold J. Ginsburgh	James M. Cahill
Harold J. Ginsburgh	James M. Cahill
Albert Z. Skelding	Charles J. Haugh
Albert Z. Skelding	Charles J. Haugh
James M. Cahill	Harry V. Williams
Harmon T. Barber	Russell P. Goddard
Thomas O. Carlson	Norton E. Masterson
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Dudley M. Pruitt	John A. Mills
*Clarence A. Kulp	Arthur N. Matthews
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1918-1953 . . . . .	R. Fondiller
1954-1958 . . . . .	A. Z. Skelding

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1949-1951 . . . . .	R. A. Johnson
1952-1956 . . . . .	J. W. Wieder, Jr.
1957-1958 . . . . .	W. J. Hazam

*Editor†*

1914 . . . . .	W. W. Greene
1915-1917 . . . . .	R. Fondiller
1918 . . . . .	W. W. Greene
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1937-1947 . . . . .	T. O. Carlson
1948-1950 . . . . .	*S. M. Ross
1951-1957 . . . . .	G. R. Livingston
1958-1959 . . . . .	R. Lino

\*Deceased.

†The offices of Editor and Librarian were not separated until 1916.

## FELLOWS WHO HAVE DIED

The (†) denotes charter members at date of organization, November 7, 1914.

Admitted		Died
Nov. 19, 1948	Arthur L. Bailey	Aug. 12, 1954
May 23, 1924	William B. Bailey	Jan. 10, 1952
†	Roland Benjamin	July 2, 1949
May 24, 1921	Edward J. Bond	Nov. 12, 1941
May 19, 1915	Thomas Bradshaw	Nov. 10, 1939
June 5, 1925	William Bromsmith	Aug. 22, 1937
†	William A. Budlong	June 4, 1934
Nov. 18, 1932	Charles H. Burhans	June 15, 1942
Feb. 19, 1915	F. Highlands Burns	Mar. 30, 1935
†	Edmund E. Cammack	Dec. 17, 1958
†	Raymond V. Carpenter	Mar. 11, 1947
Feb. 19, 1915	Gorden Case	Feb. 4, 1920
Oct. 27, 1916	Edmund S. Cogswell	Apr. 25, 1957
Nov. 23, 1928	Walter P. Comstock	May 11, 1951
†	Charles T. Conway	July 23, 1921
†	John A. Copeland	June 12, 1953
†	Walter G. Cowles	May 30, 1942
†	James D. Craig	May 27, 1940
†	James McIntosh Craig	Jan. 20, 1922
May 26, 1916	Frederick S. Crum	Sept. 2, 1921
†	Alfred Burnett Dawson	June 21, 1931
†	Miles Menander Dawson	Mar. 27, 1942
†	Elmer H. Dearth	Mar. 26, 1947
†	Eckford C. DeKay	July 31, 1951
May 19, 1915	Samuel Deutschberger	Jan. 18, 1929
†	Ezekiel Hinton Downey	July 9, 1922
May 19, 1915	Earl O. Dunlap	July 5, 1944
†	David Parks Fackler	Oct. 30, 1924
†	Edward B. Fackler	Jan. 8, 1952
Feb. 19, 1915	Claude W. Fellows	July 15, 1938
†	Benedict D. Flynn	Aug. 22, 1944
†	Charles S. Forbes	Oct. 2, 1943
May 26, 1916	Lee K. Frankel	July 25, 1931
†	Charles H. Franklin	May 1951
Feb. 25, 1916	Joseph Froggatt	Sept. 28, 1940
†	Harry Furze	Dec. 26, 1945
Feb. 19, 1915	Fred S. Garrison	Nov. 14, 1949
†	Theodore E. Gaty	Aug. 22, 1925
May 19, 1915	James W. Glover	July 15, 1941
Oct. 22, 1915	George Graham	Apr. 15, 1937
Oct. 22, 1915	Thompson B. Graham	July 24, 1946
May 25, 1923	William A. Granville	Feb. 4, 1943
†	William H. Gould	Oct. 28, 1936
†	Robert Cowen Lees Hamilton	Nov. 15, 1941
Oct. 27, 1916	Edward R. Hardy	June 29, 1951
Oct. 22, 1915	Leonard W. Hatch	Nov. 23, 1958
Nov. 21, 1919	Robert Henderson	Feb. 16, 1942
†	Robert J. Hillas	May 17, 1940
Nov. 15, 1918	Frank Webster Hinsdale	Mar. 18, 1932
May 23, 1924	Clarence W. Hobbs	July 21, 1944
Nov. 19, 1926	Charles E. Hodges	Jan. 22, 1937
Oct. 22, 1915	Lemuel G. Hodgkins	Dec. 26, 1951
†	Frederick L. Hoffman	Feb. 23, 1946
Oct. 22, 1915	Charles H. Holland	Dec. 28, 1951
Nov. 21, 1919	Carl Hookstadt	Mar. 10, 1924
†	Charles Hughes	Aug. 27, 1948
Nov 10 1920	Robert S. Hull	Nov 20 1947

## FELLOWS WHO HAVE DIED—*Continued*

Admitted		<i>Died</i>
	† Burritt A. Hunt	Sept. 3, 1943
Nov. 28, 1921	William Anderson Hutcheson	Nov. 19, 1942
Nov. 19, 1929	Henry Hollister Jackson	May 27, 1955
May 19, 1915	William C. Johnson	Oct. 7, 1943
Nov. 23, 1928	F. Robertson Jones	Dec. 26, 1941
Nov. 18, 1921	Thomas P. Kearney	Feb. 11, 1928
Nov. 19, 1926	Gregory Cook Kelly	Sept. 11, 1948
Oct. 22, 1915	Virgil Morrison Kime	Oct. 15, 1918
	† Edwin W. Kopf	Aug. 3, 1933
Nov. 23, 1928	Clarence Arthur Kulp	Aug. 20, 1957
Feb. 17, 1915	John M. Laird	June 20, 1942
Feb. 19, 1915	Abb Landis	Dec. 9, 1937
Nov. 24, 1933	John Robert Lange	Apr. 12, 1957
Nov. 17, 1922	Arnette Roy Lawrence	Dec. 1, 1942
	† James R. Leal, Sr.	Dec. 26, 1957
Nov. 18, 1921	James Fulton Little	Aug. 11, 1938
Nov. 23, 1928	Edward C. Lunt	Jan. 13, 1941
Feb. 19, 1915	Harry Lubin	Dec. 20, 1920
	† William N. Magoun	Dec. 11, 1954
Nov. 16, 1923	D. Ralph McClurg	Apr. 27, 1947
May 23, 1919	Alfred McDougald	July 28, 1944
Feb. 15, 1915	Franklin B. Mead	Nov. 29, 1933
Apr. 20, 1917	Marcus Meltzer	Mar. 27, 1931
	† David W. Miller	Jan. 18, 1936
	† James F. Mitchell	Feb. 9, 1941
	† Henry Moir	June 8, 1937
Feb. 19, 1915	William J. Montgomery	Aug. 20, 1915
Nov. 19, 1926	William L. Mooney	Oct. 21, 1948
May 19, 1915	Edward Bontecou Morris	Dec. 19, 1929
	† Albert H. Mowbray	Jan. 7, 1949
	† Frank Mullaney	Jan. 22, 1953
	† Lewis A. Nicholas	Apr. 21, 1940
	† Stanley L. Otis	Oct. 12, 1937
Nov. 13, 1926	Bertrand A. Page	July 30, 1941
Nov. 18, 1921	Sanford B. Perkins	Sept. 16, 1945
Nov. 15, 1918	William Thomas Perry	Oct. 25, 1940
	† Edward B. Phelps	July 24, 1915
Nov. 19, 1926	Jesse S. Phillips	Nov. 6, 1954
	† Charles Grant Reiter	July 30, 1937
	† Charles H. Remington	Mar. 21, 1938
May 23, 1919	Frederick Richardson	July 22, 1955
Nov. 17, 1943	Samuel M. Ross	July 24, 1951
	† Isaac M. Rubinow	Sept. 1, 1936
	† Harwood Eldridge Ryan	Nov. 2, 1930
	† Arthur F. Saxton	Feb. 26, 1927
	† Emil Scheitlin	May 2, 1946
	† Leon S. Senior	Feb. 3, 1940
Nov. 24, 1933	Robert V. Sinnott	Dec. 15, 1952
April 20, 1917	Charles Gordon Smith	June 22, 1938
Feb. 19, 1915	John T. Stone	May 9, 1920
Feb. 25, 1916	Wendell Melville Strong	Mar. 30, 1942
Oct. 22, 1915	William R. Strong	Jan. 10, 1946
	† Robert J. Sullivan	July 19, 1934
Nov. 17, 1920	Thomas F. Tarbell	July 2, 1958
Nov. 22, 1934	Walter H. Thompson	May 25, 1935
Nov. 18, 1921	Guido Toja	Feb. 28, 1933
	†	1930

## FELLOWS WHO HAVE DIED—Continued

Admitted		Died
Nov. 15, 1935	Harry V. Waite	Aug. 14, 1951
Nov. 18, 1925	Lloyd A. H. Warren	Sept. 30, 1949
May 23, 1919	Archibald A. Welch	May 8, 1945
Nov. 19, 1926	Roy A. Wheeler	Aug. 26, 1932
†	Albert W. Whitney	July 27, 1943
†	Lee J. Wolfe	Apr. 28, 1949
†	S. Herbert Wolfe	Dec. 31, 1927
May 24, 1921	Arthur B. Wood	June 14, 1952
†	Joseph H. Woodward	May 15, 1928
†	William Young	Oct. 23, 1927

## ASSOCIATES WHO HAVE DIED

Admitted		Died
May 23, 1924	Milton Acker	Aug. 16, 1956
Oct. 22, 1915	Don A. Baxter	Feb. 10, 1920
Nov. 15, 1940	John M. Blackhall	Nov. 14, 1957
Nov. 15, 1918	Helmuth G. Brunnuell	June 3, 1958
May 25, 1923	Harilaus E. Economidy	Apr. 13, 1948
Nov. 20, 1924	John Froberg	Oct. 11, 1949
Nov. 22, 1934	John J. Gately	Nov. 3, 1943
Nov. 14, 1947	Harold J. George	Apr. 1, 1952
Nov. 19, 1929	Harold R. Gordon	July 8, 1948
Nov. 20, 1924	Leslie LeVant Hall	Mar. 8, 1931
Oct. 31, 1917	Edward T. Jackson	May 8, 1939
Nov. 21, 1919	Roland V. Mothersill	July 25, 1949
Nov. 19, 1929	Fritz Muller	Apr. 27, 1945
Nov. 23, 1928	Karl Newhall	Oct. 24, 1944
Nov. 15, 1918	John L. Sibley	Mar. 10, 1957
Nov. 18, 1921	Arthur G. Smith	May 2, 1956
Nov. 18, 1927	Alexander A. Speers	June 25, 1941
Mar. 23, 1921	Arthur E. Thompson	Jan. 17, 1944
Nov. 21, 1919	Walter G. Voogt	May 8, 1945
May 23, 1919	Charles S. Warren	May 1, 1952
Nov. 18, 1925	James H. Washburn	Aug. 19, 1946
Nov. 17, 1920	James J. Watson	Feb. 23, 1937
Nov. 18, 1921	Eugene R. Welch	Jan. 17, 1945
Mar. 21, 1929	Charles A. Wheeler	July 2, 1956
Nov. 15, 1918	Albert Edward Wilkinson	June 11, 1930
Oct. 22, 1915	Charles E. Woodman	Dec. 16, 1955

### SCHEDULE OF MEMBERSHIP, NOVEMBER 14, 1958

	Fellows	Associates	Total
Membership, November 22, 1957.....	185	145	330
Additions:			
By Election.....	1	...	1
By Reinstatement.....	...	...	...
By Examination.....	9	14	23
	195	159	354
Deductions:			
By Death.....	5	1	6
By Withdrawal.....	...	...	...
By Transfer from Associate to Fellow..	...	8	8
	190	150	340

# CONSTITUTION

(AS AMENDED NOVEMBER 17, 1950)

## ARTICLE I.—*Name.*

This organization shall be called the CASUALTY ACTUARIAL SOCIETY.

## ARTICLE II.—*Object.*

The object of the Society shall be the promotion of actuarial and statistical science as applied to the problems of insurance, other than life insurance, by means of personal intercourse, the presentation and discussion of appropriate papers, the collection of a library and such other means as may be found desirable.

The Society shall take no partisan attitude, by resolution or otherwise, upon any question relating to insurance.

## ARTICLE III.—*Membership.*

The membership of the Society shall be composed of two classes, Fellows and Associates. Fellows only shall be eligible to office or have the right to vote.

The Fellows of the Society shall be the present Fellows and those who may be duly admitted to Fellowship as hereinafter provided. The Associates shall be the present Associates and those who may be duly admitted to Associateship as hereinafter provided.

Any person may, upon nomination to the Council by two Fellows of the Society and approval by the Council of such nomination with not more than one negative vote, become enrolled as an Associate of the Society, provided that he shall pass such examination as the Council may prescribe. Such examination may be waived in the case of a candidate who for a period of not less than two years has been in responsible charge of the Statistical or Actuarial Department of an insurance organization (other than life insurance) or has had such other practical experience in insurance (other than life insurance) as, in the opinion of the Council, renders him qualified for Associateship.

Any person who shall have qualified for Associateship may become a Fellow on passing such final examination as the Council may prescribe. Otherwise, no one shall be admitted as a Fellow unless recommended by a duly called meeting of the Council with not more than three negative votes, followed by a three-fourths ballot of the Fellows present and voting at a meeting of the Society.

## ARTICLE IV.—*Officers and Council.*

The officers of the Society shall be a President, two Vice-Presidents, a Secretary-Treasurer, an Editor, a Librarian, and a General Chairman of the Examination Committee. The Council shall be composed of the active officers, nine other Fellows and, during the four years following the expiration of their terms of office, the ex-Presidents and ex-Vice-Presidents. The Council shall fill vacancies occasioned by death or resignation of any officer or other member of the Council, such appointees to serve until the next annual meeting of the Society.

## ARTICLE V.—*Election of Officers and Council.*

The President, Vice-Presidents, and the Secretary-Treasurer shall be elected by a majority ballot at the annual meeting for the term of one year and three

members of the Council shall, in a similar manner, be annually elected to serve for three years. The President and Vice-Presidents shall not be eligible for the same office for more than two consecutive years nor shall any retiring member of the Council be eligible for re-election at the same meeting.

The Editor, the Librarian and the General Chairman of the Examination Committee shall be elected annually by the Council at the Council meeting preceding the annual meeting of the Society. They shall be subject to confirmation by majority ballot of the Society at the annual meeting.

The terms of the officers shall begin at the close of the meeting at which they are elected except that the retiring Editor shall retain the powers and duties of office so long as may be necessary to complete the then current issue of *Proceedings*.

ARTICLE VI.—*Duties of Officers and Council.*

The duties of the officers shall be such as usually appertain to their respective offices or may be specified in the by-laws. The duties of the Council shall be to pass upon candidates for membership, to decide upon papers offered for reading at the meetings, to supervise the examination of candidates and prescribe fees therefor, to call meetings, and in general, through the appointment of committees and otherwise, to manage the affairs of the Society.

ARTICLE VII.—*Meetings.*

There shall be an annual meeting of the Society on such date in the month of November as may be fixed by the Council in each year, but other meetings may be called by the Council from time to time and shall be called by the President at any time upon the written request of ten Fellows. At least two weeks notice of all meetings shall be given by the Secretary.

ARTICLE VIII.—*Quorum.*

Seven members of the Council shall constitute a quorum. Twenty Fellows of the Society shall constitute a quorum.

ARTICLE IX.—*Expulsion or Suspension of Members.*

Except for non-payment of dues, no member of the Society shall be expelled or suspended save upon action by the Council with not more than three negative votes followed by a three-fourths ballot of the Fellows present and voting at a meeting of the Society.

ARTICLE X.—*Amendments.*

This constitution may be amended by an affirmative vote of two-thirds of the Fellows present at any meeting held at least one month after notice of such proposed amendment shall have been sent to each Fellow by the Secretary.

## BY-LAWS

(AS AMENDED NOVEMBER 19, 1954)

### ARTICLE I.—*Order of Business.*

At a meeting of the Society the following order of business shall be observed unless the Society votes otherwise for the time being:

1. Calling of the roll.
2. Address or remarks by the President.
3. Minutes of the last meeting.
4. Report by the Council on business transacted by it since the last meeting of the Society.
5. New Membership.
6. Reports of officers and committees.
7. Election of officers and Council (at annual meetings only).
8. Unfinished business.
9. New business.
10. Reading of papers.
11. Discussion of papers.

### ARTICLE II.—*Council Meetings.*

Meetings of the Council shall be called whenever the President or three members of the Council so request, but not without sending notice to each member of the Council seven or more days before the time appointed. Such notice shall state the objects intended to be brought before the meeting, and should other matter be passed upon, any member of the Council shall have the right to re-open the question at the next meeting.

### ARTICLE III.—*Duties of Officers.*

The President, or, in his absence, one of the Vice-Presidents, shall preside at meetings of the Society and of the Council. At the Society meetings the presiding officer shall vote only in case of a tie, but at the Council meetings he may vote in all cases.

The Secretary-Treasurer shall keep a full and accurate record of the proceedings at the meetings of the Society and of the Council, send out calls for the said meetings, and, with the approval of the President and Council, carry on the correspondence of the Society. Subject to the direction of the Council, he shall have immediate charge of the office and archives of the Society.

The Secretary-Treasurer shall also send out calls for annual dues and acknowledge receipt of same; pay all bills approved by the President for expenditures authorized by the Council of the Society; keep a detailed account of all receipts and expenditures, and present an abstract of the same at the annual meetings, after it has been audited by a committee appointed by the President.

The Editor shall, under the general supervision of the Council, have charge of all matters connected with editing and printing the Society's publications. The *Proceedings* shall contain only the proceedings of the meetings, original papers or reviews written by members, discussions on said papers and other matter expressly authorized by the Council.

The Librarian shall, under the general supervision of the Council, have charge of the books, pamphlets, manuscripts and other literary or scientific material collected by the Society.

The General Chairman of the Examination Committee, shall, under the general supervision of the Council, have charge of the examination system and of the examinations held by the Society for the admission to the grades of Associate and of Fellow.

**ARTICLE IV.—Dues.**

The Council shall fix the annual dues for Fellows and Associates. Effective November 19, 1954, the payment of dues will be waived in the case of any Fellow or Associate who attains the age of 70 years or who, having been a member for at least 20 years, attains the age of 65 years and notifies the Secretary-Treasurer in writing that he has retired from active work. Fellows and Associates who have become totally disabled while members may upon approval of the Council be exempted from the payment of dues during the period of disability.

It shall be the duty of the Secretary-Treasurer to notify by mail any Fellow or Associate whose dues may be six months in arrears, and to accompany such notice by a copy of this article. If such Fellow or Associate shall fail to pay his dues within three months from the date of mailing such notice, his name shall be stricken from the rolls, and he shall thereupon cease to be a Fellow or Associate of the Society. He may, however, be reinstated by vote of the Council upon payment of arrears in dues, which shall in no event exceed two years.

**ARTICLE V.—Designation by Initials.**

Fellows of the Society are authorized to append to their names the initials F.C.A.S.; and Associates are authorized to append to their names the initials A.C.A.S.

**ARTICLE VI.—Amendments.**

These by-laws may be amended by an affirmative vote of two-thirds of the Fellows present at any meeting held at least one month after notice of the proposed amendment shall have been sent to each Fellow by the Secretary.

## RULES REGARDING EXAMINATIONS FOR ADMISSION TO THE CASUALTY ACTUARIAL SOCIETY

### 1. Dates of Examination.

Examinations will be held on two successive days during the second or third week of the month of May each year in such cities as will be convenient for three or more candidates. The exact dates will be set by the Secretary-Treasurer.

### 2. Filing of Application.

Application for admission to examinations should be made on the Society's blank form, which may be obtained from the Secretary-Treasurer. No applications will be considered unless received before the first day of March preceding the dates of examination. Applications should definitely state for what parts the candidate will appear.

### 3. Associateship and Fellowship Examinations.

The examination for Associateship consists of four parts, each of which has two sections. A candidate may now write any or all sections covering Parts I and II and will receive credit for any section passed. This arrangement is restricted to Associateship Parts I and II.

A candidate may present himself for part or all of the Fellowship examinations either if he has previously passed the Associateship examinations or if he concurrently presents himself for and submits papers for all unpassed parts of the Associateship examination. Subject to the foregoing requirements, the candidate will be given credit for any part or parts of either examination which he may pass.

### 4. Fees.

The examination fee is \$2.50 for a section subject to a minimum of \$5.00. Examination fees are payable to the order of the Society and must be received by the Secretary-Treasurer before the first day of March preceding the dates of examination.

### 5. Credit for Examination Parts under Former Syllabus.

The new Syllabus of examinations effective in 1955 represents a considerable rearrangement of study materials. In order to simplify the process of transition and assure maximum equity among candidates, the following procedure has been established:

A candidate who has passed, or been credited with, one or more parts of the Associateship or Fellowship examinations under the Syllabus effective in 1948 and/or the Syllabus effective in 1953 will receive credit for the corresponding parts of the new Syllabus in accordance with the following table:

<i>Parts Passed or Credited Under Old Syllabus (Effective in 1948 and/or 1953)</i>	<i>Parts Credited Under New Syllabus (Effective in 1955)</i>
Associateship, Part I	Associateship, Part I (a) and II (b)
"        "        II	"        "        III
"        "        III	"        "        I (b) and II (a)
"        "        IV	"        "        IV
Fellowship, Part I	Fellowship, Part IV
"        "        II	"        "        II (a) and III (a)
"        "        III	"        "        I (a) and III (b)
"        "        IV	"        "        I (b) and II (b)

Partial examinations will be given to those candidates requiring them in accordance with the foregoing credits.

## 6. Waiver of Examinations for Fellowship:

The examinations for Fellowship will be waived under Article III of the Constitution in part or in whole for those candidates who meet the qualifications and requirements set forth below.

### 1. WAIVER OF FELLOWSHIP PARTS III AND IV

(a) The candidate shall present himself in the same year for Fellowship Parts I and II, or shall have previously passed Parts I and II.

(b) The candidate shall present an original thesis on an approved subject relating to insurance (other than life insurance). Such thesis must show evidence of ability for original research and the solution of advanced insurance problems comparable with that required to pass Fellowship Parts III and IV. The thesis shall be of a character which would qualify it for printing in the *Proceedings*.

(c) Candidates electing this alternative should communicate with the Secretary-Treasurer and obtain through him approval of the Committee on Papers of the subject of the thesis and also of the thesis. In communicating with the Secretary-Treasurer, the candidate should state, in addition to the subject of the thesis, the main divisions of the subject and the general method of treatment, the approximate number of words and the approximate proportion to be devoted to data of an historical nature. All theses shall be in the hands of the Secretary-Treasurer before the examinations are held in May of the year in which they are to be considered. No examination fee will be required in connection with the presentation of a thesis.

### 2. FULL WAIVER

(a) The candidate shall have completed twenty years as an Associate member of this Society.

(b) The candidate shall present an original thesis on an approved subject relating to insurance (other than life insurance). The thesis shall be of a character which would qualify it for printing in the *Proceedings*.

(c) Candidates electing this alternative should communicate with the Secretary-Treasurer and obtain through him approval by the Com-

mittee on Papers of the subject of the thesis and also of the thesis. No examination fee will be required in connection with the presentation of a thesis.

## 7. Waiver of Examinations for Associateship.

The examinations for Associateship will be waived under Article III of the Constitution in part or in whole for those candidates who meet the qualifications and requirements set forth below.

### 1. PARTIAL WAIVER

Associateship Part I will be waived for a candidate who has passed Parts 1, 2 and 3 of the examinations of the Society of Actuaries.

### 2. FULL WAIVER

(a) The candidate shall be at least thirty-five years of age.

(b) The candidate shall have at least ten years' experience in actuarial or statistical work in insurance (other than life insurance) or in a phase of such insurance which requires a working knowledge of actuarial or statistical procedure or in the teaching of the principles of insurance (other than life insurance) in colleges or universities.

(c) For the two years preceding date of application, the candidate shall have been in responsible charge of the actuarial or statistical department of an insurance organization (other than a life insurance organization) or shall have occupied an executive position in connection with the phase of insurance (other than life insurance) in which he is engaged, or, if engaged in teaching, shall have attained the status of a professor.

(d) The candidate shall have submitted a thesis approved by the Committee on Papers. Such thesis must show evidence of analytical ability and knowledge of insurance (other than life insurance) sufficient to justify waiver of examinations.

(e) Refer to Paragraph 1 (c) of Rule 6 for details of submission.

## LIBRARY

All students registered for the examinations of the Casualty Actuarial Society and all members of the Casualty Actuarial Society have access to all the library facilities of the Insurance Society of New York and of the Casualty Actuarial Society. These two libraries, with combined operations, are located at 107 William St., New York 38, New York and are under the supervision of Mr. Harry S. Weeks.

Registered students may have access to the library by receiving from the Society's Secretary-Treasurer the necessary credentials. Books may be withdrawn from the library for a period of one month without charge. The Insurance Society is responsible for postage and insurance charges for sending books to out of town borrowers, and borrowers are responsible for the safe return of the books.

Address requests for books to:

Librarian  
Insurance Society of New York  
107 William St.  
New York 38, New York

## INDEX TO PROCEEDINGS

The fourth index will be found in Volume XL of the *Proceedings*.

## SYLLABUS OF EXAMINATIONS

(Effective with 1955 Examinations)

### ASSOCIATESHIP

<i>Part</i>	<i>Section</i>	<i>Subject</i>
I	(a)	Statistics.
	(b)	Probability.
II	(a)	Elementary Life Insurance Mathematics.
	(b)	General Principles of Insurance; Insurance Economics and Investments.
III	(a)	Insurance Law; Supervision, Regulation and Taxation of Insurance.
	(b)	Social Insurance.
IV	(a)	Policy Forms and Underwriting Practice.
	(b)	General Principles of Rate-making; Credibility.

### FELLOWSHIP

I	(a)	Determination of Premium, Loss and Expense Reserves.
	(b)	Insurance Expense Analysis and Accounting.
II	(a)	Individual Risk Rating.
	(b)	Advanced Problems in Underwriting and Administration.
III	(a)	Machine Methods.
	(b)	Advanced Problems in Insurance Statistics.
IV	(a)	Advanced Problems in Rate-making.
	(b)	Current Insurance Problems.

15TH INTERNATIONAL CONGRESS OF ACTUARIES,  
NEW YORK

15th October, 1957

Inaugural and other meetings of ASTIN

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The Council of the Permanent Committee having approved the change of rules permitting the formation of sections of the Committee for the study of specialized subjects, and the various National Associations having approved the rules prepared by the committee of ASTIN elected at the Madrid Congress, a meeting was held in Rooms B and C at 2:30 p.m. on Wednesday, 16th October for the formal establishment of the ASTIN section and also for the submission of various papers. 46 persons were present at the meeting.

Mr. N. E. Masterson, Vice-President of the Honorary Congress Committee and President of the Casualty Actuarial Society, opened the Council meeting and invited Sir George Maddex, as the member of Council of the Permanent Committee appointed to the Committee of ASTIN, to take the chair for the inauguration proceedings. The business was as follows:

- a. Report of the ASTIN Provisional Committee presented by Mr. E. Franckx.
- b. Adoption of the proposed rules and constitution for ASTIN as a section of the Permanent Committee.
- c. Dissolution of the Provisional Committee appointed in Madrid, (Messrs. Beard, Franckx, Johansen and Monic).
- d. Appointment of a Committee (Sir George Maddex, Messrs. Beard (London), Franckx (Brussels), Johansen (Copenhagen), Monic (London), Perryman (New York), Philipson (Stockholm)).

The formal business being concluded, the following four papers were presented on the status of actuarial applications to non-life insurance in various countries:

- |                                 |   |
|---------------------------------|---|
| By Mr. L. Wilhelmssen<br>(Oslo) | "Actuarial activity in general insurance in the northern countries of Europe."              |
| Mr. P. Depoid (Paris)           | "Travaux Scientifiques de Langue Francaise Concernant l'Assurance des Risques non Viagers." |

- Mr. B de Finetti (Rome) "L'etude mathematique des assurances non viageres dans l'Europe continentale occidentale."
- Mr. L. H. Longley-Cook (Philadelphia) "The Casualty Actuarial Society and actuarial studies in Development of non-life insurance in North America" (read in his absence by Mr. F. S. Perryman).

After a short discussion the meeting closed at 4:45 p.m.

At an ASTIN committee meeting held after the inaugural meeting the following were elected as the Officers of the first ASTIN committee:

Chairman .....	Mr. P. Johansen
Vice-Chairman .....	Mr. F. S. Perryman
Editor .....	Mr. E. Franckx
Treasurer .....	Mr. B. Monic
Secretary .....	Mr. R. E. Beard

An informal discussion meeting of ASTIN was held at 2:30 p.m. in Room E on Thursday, 17th October, when the newly appointed Officers were introduced to the members present and details relating to the future working of ASTIN were discussed. 29 persons were present.

Mr. Philipson opened a discussion on certain aspects of the papers presented to the Congress under subject IV-A.

The meeting closed at 4:30 p.m.

## INTERNATIONAL CONGRESSES OF ACTUARIES

*Adapted from "1958 Year Book" of Society of Actuaries*

The first International Congress of Actuaries was held in 1895 in Brussels. Since that time numerous congresses have been held, and many actuaries from the United States and Canada have been benefited by attendance at the congresses and by the printed Proceedings, in which numerous valuable articles have appeared.

Continuity in the arrangement for periodic congresses and for the intervening support and management of the central office located in Brussels is achieved by the maintenance of a Permanent Committee of international membership. According to the revised regu-

lations adopted by the New York Congress in 1957, the objects of the Permanent Committee are:

1. To promote or conduct work and research of interest in the science or practice of the Actuary. For this purpose sections formed by a number of members for study of special problems may be recognized. Each section will have its own regulations, previously approved by the Council; it will elect its Committee, except for the member appointed by the Council on the Committee.
2. To publish periodically a Bulletin: (a) bringing together technical, legislative, statistical, and juridical information relating to actuarial science; (b) reviewing publications and works which appear in various countries, bearing upon actuarial matters.
3. To co-operate with the Organizing Committees in preparing the work of International Congresses, and in the publication of their Proceedings.

### ASTIN SECTION

ASTIN (Actuarial Studies in Non-Life Insurance) is the first section of the Permanent Committee to be formed under the modification of the rules approved at the XVth International Congress in New York and is for the study of the application of modern statistical and mathematical methods in the field of non-life insurance. It has grown from the desire expressed by many members of the XIVth Congress held in Madrid to provide for an effective interchange of ideas on an international basis.

It has as its object the promotion of actuarial research in general insurance and will establish contact between actuaries, groups of actuaries, and other suitably qualified persons interested in this field.

This section will, from time to time, publish papers on topics related to its objects and will also publish a bulletin containing notes of general interest to members. Conferences will be held about every three years.

The XVth International Congress was held in New York in 1957. Present plans call for the XVIth Congress to be held in Brussels in 1960.

With these purposes in mind the Permanent Committee wishes to enlist members as broadly as possible. Membership in the Permanent Committee and in the ASTIN Section is open to members

of the Casualty Actuarial Society. The annual dues for membership are 100 Belgian francs for the Permanent Committee and an additional 200 Belgian francs for the ASTIN Section. It is necessary at present for members to pay \$2.50 for the Permanent Committee and an additional \$5.00 for the ASTIN Section in order that dues may be met and to provide a small margin for the expenses of collection and transmission of funds as well as to meet small miscellaneous expenses.

Inquiries regarding membership in the Permanent Committee and in the ASTIN Section should be directed to Albert Z. Skelding, Secretary-Treasurer, Casualty Actuarial Society, 200 East 42nd Street, New York 17, N. Y.