

**TRANSACTIONS OF SOCIETY OF ACTUARIES  
1958 VOL. 10 NO. 28**

MINUTES OF THE ANNUAL MEETING

*of the*

SOCIETY OF ACTUARIES

HELD AT THE NETHERLAND HILTON HOTEL

CINCINNATI, OHIO

OCTOBER 2, 3, AND 4, 1958

The meeting was called to order by the President, Henry F. Rood, on Thursday, October 2, at 10:00 A.M. The following were present:

FELLOWS

J. S. Acheson	W. D. Berg	G. E. Cannon
S. P. Adams	J. A. Bevan	L. A. Cannon
R. D. Albright	J. T. Birkenshaw	H. E. Cebelius
H. G. Allen	W. H. Bittel	M. F. Chauner
H. D. Allen	F. E. Black, Jr.	McClain Cheetham
J. N. Allman	B. F. Blair	G. D. Chester
M. H. Alvord	H. H. Blakeman	D. H. Christian
A. B. Ambler, Jr.	Coleman Bloomfield	W. R. Christmas
J. F. B. Amsden	J. M. Boermeester	J. L. Clare
W. M. Anderson	H. J. Boothroyd	G. F. S. Clarke
J. C. Angle	L. V. Botkin	F. X. Cody
G. P. Archer	T. P. Bowles, Jr.	M. E. Comfort
J. C. Archibald	E. F. Boynton	W. S. Connell
J. A. Attwood	J. M. Bragg	J. J. Connors
R. D. Baldwin	W. H. Breeze	S. F. Conrod
W. L. Barber	Philip Briggs	W. G. Cook
E. L. Bartleson	L. J. Brown	J. B. Copple, Jr.
D. H. S. Bateman	J. G. Bruce	Byron Cosby, Jr.
E. W. Bates	E. F. Bucknell	H. E. Crandall
E. R. Batho	A. T. Bunyan	R. L. Crapo
W. R. Battle	W. H. Burling	J. B. Crimmins
M. H. Beach	W. R. Burns	William Cunningham
C. M. Beardsley	F. J. Bush	L. G. Current
C. D. Beatty	A. M. Campbell	B. L. Daly
J. G. Beatty	J. A. Campbell	T. H. Dancy
Josephine W. Beers	K. R. Campbell	F. H. David
M. D. Bennett	N. D. Campbell	J. C. Davidson

K. M. Davies	Daton Gilbert	G. E. Immerwahr
G. H. Davis	T. E. Gill	Thomas Irvine
Andrew Delaney	S. W. Gingery	E. S. Jackson
H. L. DePrenger	R. L. Glazier	P. H. Jackson
M. R. Dodson	J. L. Glenn	R. I. Jacobson
M. V. Donovan	William Gould	G. P. Jahn
L. M. Dorn	E. A. Green	W. A. Jenkins
E. A. Dougherty	C. G. Groeschell	W. C. Johnstone
M. I. Doxsee	E. A. Grossman	O. L. Karsten, Jr.
W. A. Dreher	A. A. Groth	K. K. Keene
W. A. Drew	A. O. Groth	W. W. Keffer
R. M. Duncan	H. A. Grout	W. A. Keltie
J. K. Dyer, Jr.	H. F. Gundy	W. H. Kelton
Derek Eckersley	Marcus Gunn	T. H. Kirkpatrick
Samuel Eckler	D. R. Gustafson	Walter Klem
C. M. Eddy	Stefan Hansen	P. H. Knies
R. E. Edwards	J. R. Hanson	G. F. Knight
H. G. Eimers	P. T. Harkness, Jr.	R. B. Koch
D. M. Ellis	H. F. Harrigan	C. W. Kraushaar, Jr.
R. M. Ely	D. H. Harris	E. C. Krogh
A. E. Erickson, Jr.	W. V. B. Hart	H. A. Lachner
R. G. Espie	H. W. Hauser	E. B. Lancaster
H. C. Eyre	R. B. Hayes	F. G. Letwin
E. L. Faith	R. F. S. Hazlett	Louis Levinson
T. P. Farmer, Jr.	G. O. Head	E. A. Lew
W. L. Farmer	A. H. Hébert	W. E. Lewis
E. G. Fassel	J. C. Hichman	J. B. Lienhard
H. L. Feay	G. L. Hill	J. W. Lincoln
W. A. Feeney	J. S. Hill	W. R. Lones
S. A. Fenichel	P. A. Hinrichs	W. J. Lutz
L. B. Fewster	G. L. Hogeman	D. J. Lyons
J. J. Finelli	B. T. Holmes	H. V. Lyons
C. H. Fischer	F. H. Holsten	John Macarchuk
N. H. Fischer	J. F. Hook	A. R. MacDonald
G. W. Fitzhugh	J. E. Hoskins	J. B. MacDonald
W. J. Fox	A. J. Huenergard	W. D. MacKinnon
P. K. Frazer	N. M. Hughes	G. A. MacLean
L. K. Friedman	T. J. Hummel	J. B. Maclean
N. T. Fuhlrodt	P. L. Humphrey	R. L. Mallory, Jr.
J. B. Gardiner	James Hunter	E. L. Marshall
E. D. Gibb	H. S. Huntington	P. E. Martin

R. C. Martin	J. B. Patterson	Isaac Rosenberg
J. B. Massey	W. D. Patterson	Samuel Rosenbloom
J. E. Matz	B. S. Pauley	Irving Rosenthal
A. L. Mayerson	C. N. Peacor	J. B. Ross
W. C. McCarter	R. G. Pearson	Harwood Rosser
C. A. McConaghy	Arthur Pedoe	P. T. Rotter
H. W. McCubbin	R. C. Perry	W. L. Rugland
F. J. McDiarmid	C. F. Pestal	Edward Ruse
J. R. McDonnell	R. M. Peterson	George Ryrie
H. I. McIntosh	R. P. Peterson	H. J. Saffair
G. D. McKinney	D. W. Pettengill	H. M. Sarason
C. W. McMahan	John Phelps	H. F. Scheig
R. C. McQueen	H. F. Philbrick	Gertrude A. Schlachter
R. J. Mellman	J. T. Phillips	W. G. Schneider
J. A. Mereu	W. H. Phillips	A. F. Schwartz
W. A. Merriam	J. P. Picard	D. G. Scott
J. H. Miller	G. W. Pickering	W. H. Scott
M. D. Miller	B. N. Pike	R. M. Sellers
W. A. Milliman	P. W. Plumley	G. W. Shelly
G. C. Moore	W. A. Poissant	Pearce Shepherd
J. W. Moran	Ben Popeski	S. M. Shotwell
J. E. Morrison	E. A. Porter	C. A. Siegfried
A. P. Morton	W. A. Porter	C. D. Silletto
H. B. Moulton	Y. G. Pouliot	P. D. Slater
R. E. Moyer	G. T. Prentice	J. A. Smith
J. S. Moyse	C. E. Probst	J. H. Smith
Michael Mudry	W. C. Prouty	J. P. Smith
G. R. Mullans	R. J. Randall	R. H. Smith
W. R. Mullens	J. R. Reimer	W. A. Spare
Joseph Musher	C. F. B. Richardson	J. W. Spellman
G. G. Myer	R. F. Richardson	P. J. Spellman
R. J. Myers	O. C. Richter	C. A. Spoerl
C. E. Nelson	C. E. Rickards	R. G. Stagg
E. M. Neumann	Walter Riese	H. J. Stark
W. K. Nicol	C. F. Ritz	J. L. Stearns
J. C. Noback	H. R. Roberts	C. M. Sternhell
L. S. Norman	A. E. Roffey	Frank Stokes
W. J. November	L. G. Rollerson	H. J. Stowe
J. A. Oates	J. D. Rommel, Jr.	W. J. Sullivan
S. L. Olds	H. F. Rood	R. G. Swail
H. G. Paff	F. E. Rooke	R. H. Tallman

I. R. Taylor	J. B. Walker	J. R. Williams
J. E. Taylor	R. J. Walker	W. R. Williamson
J. R. Taylor	H. C. Walmsley	Samuel Winn
W. W. Terryberry	R. G. Ward	B. A. Winter
B. R. Thomas	D. B. Warren	W. C. Wirth
Harold Thompson	D. N. Warters	Maurice Wolfman
J. S. Thompson, Jr.	D. E. Watts	M. J. Wood
Paul Thomson	A. G. Weaver	J. C. Wooddy
S. E. Tinker	C. L. Weaver	C. J. Woodley
C. H. Tookey	A. C. Webster	H. A. Woodman, Jr.
R. C. Tookey	M. S. Weinstein	L. C. Workman
R. E. Traber	E. H. Wells	A. L. Wright
H. C. Unruh	C. E. West	C. A. Yardley
G. J. Varga	F. G. Whitbread	Mary E. Yardley
G. A. Vicino	W. M. White, Jr.	W. S. York
L. S. Wagenseller	H. G. Wiebke	G. W. Young
C. H. Wain	Helen J. Williams	M. L. Zeffert

## ASSOCIATES

H. W. Allstrom, Jr.	W. W. Burgess, Jr.	A. W. Diokno
Kenneth Altman	David Burgin	P. J. Domenico
J. H. Ames	W. O. Burns	Pyar Dossal
J. C. H. Anderson	D. R. Butt	L. F. Drake
T. L. Anderson	A. A. Capitano	F. T. Driscoll
E. H. Andresen	J. P. Carberry	G. K. Drown
R. A. Bacon	N. W. Chellgren	H. C. Dunkley
P. M. Bailey	L. C. Cocheu, Jr.	R. J. Eckert
A. J. Bailie	H. H. Coleridge	J. P. Eden
T. C. Barham	S. H. Cooper	C. E. Edwards
C. H. Barnaby	J. L. Cummins	Norma L. Edwards
F. A. Bash, Jr.	E. F. Dalton	J. M. Elkin
J. A. Beekman	W. J. Davidson	J. T. English
C. G. Bentzin	W. J. Davidson, Jr.	R. W. Erdenberger
B. N. Berin	J. K. Davis	E. F. Estes
Elmer Billman, Jr.	R. F. Davis	D. F. Fackler
J. G. F. Bonnard	S. M. Davis, Jr.	R. A. Farrier
C. H. Brown	H. J. Deutscher	J. G. Fletcher
W. A. Brown	W. S. Dewar	R. T. Foley
W. M. Buchanan, Jr.	W. F. Dice	L. O. Forde
E. J. Buddenbaum	R. W. Dickerman	A. H. Forsythe, Jr.
D. T. Bunin	J. M. Dickler	G. V. Franks

B. O. Gamble	G. B. Kyle	G. E. Reilly
A. H. Garvin	L. R. Labrecque	R. P. Robinson
W. H. Gilbert	R. K. Lawrence	J. L. Rubsam
A. B. Goldberg	R. J. Learson	H. E. Ruck
John Gorham	Gordon Leavitt	R. G. Schreitmuller
C. R. Graveline	Henri Leblond	R. B. Shapland
J. E. Gray	H. D. Lee	A. C. Sharp
M. M. Gray	J. L. Lewis, Jr.	D. R. Skelton
C. D. Greene	W. T. Lewis	J. A. Skevington
J. A. Greenwood	E. S. Linney	F. C. Smith
A. R. Grossnickle	S. S. Lipkind	J. E. Smith
William Hadigian	M. F. Lipton	Morton Smith, Jr.
R. A. Hall	R. H. Loeber	J. A. Stedman
M. B. Hardin	J. M. Loftis	L. T. Steele
Carlton Harker	W. F. Lumsden	J. K. Stover
A. B. Harper, Jr.	K. L. Manchester	L. J. Stulce
S. H. Harris	C. S. Manson	F. W. Tallman
C. W. Hartog	N. K. Martin	M. S. Teplitz
G. E. Hawkins	R. O. Martinelli	P. M. Thexton
M. W. Hill	H. L. McCollum	G. C. Thompson
W. L. Hilliard	J. D. McFarlane	O. S. Tovson
K. P. Hinsdale	Robert Merritt	G. G. Toy
A. D. Hitchcox	I. G. Michie	C. J. Trudel
K. W. Holloway, Jr.	W. N. Miller	P. A. Turberg
W. H. Huehl	R. L. Millman	J. A. Turnbull
J. H. Hunt	J. O. Montgomery	G. L. Tuttle
S. J. Huse	J. L. Morgan	K. A. Usherwood
F. E. Huston	J. D. Morrison	Weltha M. Van Eenam
D. M. Irwin	Lester Moskowitz	F. T. Varcoe
L. H. Johnson	E. J. Mullen	E. R. Vogt
H. L. Jones, Jr.	T. B. Murphy	D. N. Wakely
Cyrille Jutras	R. D. Murray	R. P. Walker
C. R. Keene	A. R. O'Connor	E. E. Ward
T. J. Kelly	Morris Pike	W. T. Watson
J. W. Kemble	H. A. Plimpton	W. I. Wells
L. H. Kemper	E. F. Porter	W. A. White
R. M. Kidd	E. J. Porto	D. E. Williams
W. D. Kidwell	B. J. Prien	R. L. Williamson
H. W. Kimball	D. J. Randall	D. R. Winhold
S. J. Kingston	D. M. Reade	R. A. Wishart
C. C. Kirkpatrick	V. L. Rehak	R. N. Wood
		T. J. Young

REPRESENTATIVES OF FORMER CONTRIBUTING  
MEMBERS OF THE AMERICAN INSTITUTE  
OF ACTUARIES

G. L. Bowman	American Mutual Life Ins. Co.
John T. Rohm	American United Life Ins. Co.
Paul C. Moore	Atlantic Life Ins. Co.
C. H. Menge	Atlas Life Ins. Co.
Elmer H. Hardebeck	Bankers National Life Ins. Co.
Oscar R. Klein	Business Men's Assur. Co.
Dirk Heezen	Country Life Ins. Co.
William D. Kerr	Federal Life Ins. Co.
Robert J. Bohn	Franklin Life Ins. Co.
Paul F. Bourscheidt	Great States Mutual Life Ins. Co.
Kenneth V. Eckhart, Jr.	Lafayette Life Ins. Co.
Florence Kunkel	Lafayette Life Ins. Co.
Arnold H. Anderson	Life & Casualty Ins. Co.
Kenneth Ward-Smith	Life & Casualty Ins. Co.
E. J. Rod	Lutheran Mutual Life Ins. Co.
H. J. Hornberger	North American Life Ins. Co.
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Bernard S. Haines	Presbyterian Ministers' Fund
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Arthur N. Matthews	Shenandoah Life Ins. Co.
Jacques M. Winters	Unity Mutual Life Ins. Co.

GUESTS INVITED BY THE PRESIDENT

Henri de G. Laurie	African Homes Trust & Ins. Co., Ltd.
Dan M. McGill	University of Pennsylvania

OTHER GUESTS

John R. Bevan	Liberty Mutual Ins. Co. Boston, Mass.
Gustaf H. Carlson	North American Accident Ins. Co. Chicago, Ill.
Ray A. Clark	College Life Ins. Co. Indianapolis, Ind.
William J. Cleaver	American States Life Ins. Co. Indianapolis, Ind.

Mack Cook.....	Volunteer State Life Ins. Co. Chattanooga, Tenn.
Guy Ferguson.....	Ferguson Personnel, Chicago, Ill.
Floyd S. Harper.....	Georgia State College, Atlanta, Ga.
J. A. Kopren.....	Midwestern United Life Ins. Co. Fort Wayne, Ind.
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William C. Perry.....	Retail Credit Co. Atlanta, Ga.
David Robbins.....	Health Ins. Assoc. New York, N. Y.
Paul W. Schwiebert.....	United Ins. Co., Chicago, Ill.
Charles D. Spencer.....	Employee Benefit Plan Review Chicago, Ill.
W. M. Stufflebeem.....	Retail Credit Co. New York, N. Y.
Charles L. Van House.....	Coastal States Life Ins. Co. Atlanta, Ga.
LeRoy T. Watkins.....	Inter-Ocean Ins. Co. Cincinnati, Ohio
Marvin R. Winkler.....	Retail Credit Co. Cincinnati, Ohio
Eli A. Zubay.....	Georgia State College Atlanta, Ga.

## SUMMARY

Fellows.....	378
Associates.....	190
Representatives of Former Contributing Members	24
Guests.....	21
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Total.....	613

After the introductory remarks of the President the order of business was approved.

Mr. William M. Anderson, Chairman of the Nominating Committee,

conducted the election of officers and members of the Board of Governors. The election was continued through the morning and afternoon sessions until completed. The results were as follows:

<i>President:</i>	Pearce Shepherd
<i>Vice-Presidents:</i>	<i>Two-Year Term</i>
	Thomas E. Gill
	Wilmer A. Jenkins
<i>Secretary-Treasurer:</i>	David G. Scott
<i>Editor:</i>	Alden T. Bunyan
<i>Board of Governors:</i>	<i>Three-Year Term</i>
	Henry S. Beers
	Thomas P. Bowles, Jr.
	Garnett E. Cannon
	Norman M. Hughes
	John E. Morrison
	Dennis N. Warters

Mr. Pearce Shepherd, newly elected President of the Society, expressed his appreciation for the honor which had been conferred on him.

The President delivered his Presidential Address as printed in this number of the *Transactions*.

The President introduced as special guests Mr. Henri de G. Laurie, F.F.A., of Cape Town, South Africa, Dr. Dan M. McGill of the Wharton School of Finance and Commerce, University of Pennsylvania, Philadelphia, and Mr. Kenneth A. Usherwood, F.I.A., of London, England.

The President referred to the loss of two of our members by death since the last meeting: Mr. Robertson G. Hunter, a Fellow of the Society, and Mr. Clifford H. Folz, an Associate. The members stood for a moment in silent respect to the memory of the deceased members. Obituaries are printed in this number of the *Transactions*.

The President reported that the Triennial Prize for the three-year period just ended had been awarded to Mr. E. Allen Arnold for his paper, "The Analysis of Approximate Valuation Methods." Congratulations were extended to Mr. Arnold.

The Secretary-Treasurer presented the following summary of the business transacted by the Board of Governors since the last meeting of the Society:

1. The Education and Examination Committee have had a very busy year. It is interesting to note that there was a substantial increase in



the numbers sitting for Parts 1 and 2, suggesting that the Society's public relations activities are bearing fruit.

A change in the examination syllabus has been made effective in 1959 with respect to Parts 3 and 4. An announcement was made of this change earlier this year. The syllabus and general regulations for the 1959 examinations are set forth in the *Requirements for Admission* booklet dated August 1, 1958. Certain modifications have been made in the section regarding limitations on writing examinations.

A major revision has been made in respect to the study material for Part 5 in connection with construction of tables and for Part 6 in respect of gross premiums and agency problems.

2. The Committee on Mortality and Morbidity among Lives Individually Insured reports that the work in connection with the build and blood pressure study has progressed to the point where definite plans have been formulated for a detailed report to be published probably in the late spring of 1959 in the form of two sizable volumes, one presenting the analysis and summary of the results and the other detailed tables.
3. The Board approved the following meetings:
  - Western Spring Meeting 1961—Hotel Muehlebach, Kansas City,  
May 18 and 19, 1961
  - Western Spring Meeting 1962—Drake Hotel, Chicago,  
June 7 and 8, 1962
4. The Board approved the admission to Associateship of the Society of the following Fellows of the Institute of Actuaries and the Faculty of Actuaries:
 

William A. Allison	Fellow of the Faculty
Pyar Dossal	Fellow of the Institute
Raymond M. Whitby	Fellow of the Faculty
5. A committee has been studying the question of draft deferment for actuarial students. It appears doubtful that deferment, other than brief postponement until after the next actuarial examinations, will be granted to Students and Associates. A more detailed report, including the action to be taken where postponement is desired, will be forwarded to the Chief Actuary of each company or organization.
6. As of September 15 the membership of the Society consisted of 1,031 Fellows and 794 Associates, making a total of 1,825.

The Treasurer's report as printed in this number of the *Transactions* was presented in summary form.

Mr. William J. November, Chairman of the Committee on Disability

and Double Indemnity, reported that the Committee is presently preparing its report on the intercompany double indemnity investigation that it has been conducting and that they expect the report will be included in the next Reports Number of the *Transactions*. Mr. November commented briefly on some of the results of the investigation and distributed some of the tables that will appear in the report.

The Society proceeded to the presentation and discussion of the papers as printed in this number of the *Transactions*.

A welcome was extended to the new Fellows and Associates who were attending their first meeting of the Society after attaining their present ranks. Diplomas were presented to those who completed their Fellowship last May. Copies of the *Guides to Professional Conduct* were distributed to the new Associates.

The meeting adjourned for lunch at 12:30 P.M.

The afternoon session was called to order at 1:30 P.M. The presentation and discussion of papers was continued with President Rood presiding.

The afternoon session adjourned at 3:40 P.M.

At 9:30 A.M. Friday, October 3, the meeting reassembled in three separate groups meeting simultaneously for informal discussion of subjects of special interest. These groups were as follows:

Individual Ordinary Insurance	—Lowell M. Dorn, Chairman
Employee Benefit Plans	—Edward A. Green, Chairman
Electronics	—David H. Harris, Chairman

The various groups adjourned at different times around twelve o'clock noon.

On Friday afternoon the meeting was called to order at 2:00 o'clock by Vice-President Dennis N. Wartens. The Society discussed informally Topic IV with Mr. Gilbert W. Fitzhugh, Chairman of the Committee to Review Membership Requirements, introducing the subject.

On behalf of the Society, Mr. Walter Klem presented a silver tray to the President. President Rood responded expressing his appreciation for all the assistance he had received.

The Society discussed informally section 2 of Topic VII and Topics II and III with Vice-Presidents Norman M. Hughes and Dennis N. Wartens presiding in turn. The afternoon session adjourned at 4:50 P.M.

On Saturday morning, October 4, the meeting was called to order at 9:00 o'clock with Vice-Presidents N. M. Hughes and D. N. Wartens presiding in turn. Mr. James T. Phillips, Chairman of the Industry Actuarial Advisory Committee to the N.A.I.C. Subcommittee on Deficiency Re-

serves and Mortality Table Review, presented as summary of the Committee's final report. He was assisted by various members of his Committee in the presentation. The Society then proceeded to the informal discussion of the first section of Topic VII.

The Society discussed informally Topics I, V, VI and the remaining sections of Topic VII.

On behalf of the Society, Vice-President Warters expressed appreciation to the host companies for their generous hospitality. In closing the meeting Mr. Warters thanked the authors of the papers and all those who entered into the various discussions.

The meeting adjourned at 12:30 P.M.

T. E. GILL  
*Secretary-Treasurer*