The Actuary

April 1993 – Volume 27, No. 4

FACTUARIES

This is another in a series of profiles of members of the Society's Board of Governors.

Name: Patricia Scahill

Current hometown: Columbia, Maryland

Current employer and function: Employee Benefits Consultant, William M. Mercer

Marital status: Married, no children

Birthday: August 15

Birthplace: Indianapolis, Indiana

My first job was: Calculating unemployment rates

People in high school thought I was: Serious

I'd give anything to meet: Katherine Hepburn

The number of exams I flunked: Five

The book I recommend most often: *Generations* by William Strauss

The movie I'd most like to own the tape of: *Night Mother*

Nobody would believe it if they saw me: Doing nothing

The TV show I stay home to watch: Kennedy Center Lifetime Achievement Awards

If I could change one thing about myself, I'd: Work less and play more

When I'm feeling sorry for myself, I: Pet my dogs

My fantasy: Make a difference in the world by helping save endangered animal species

The silliest thing I've ever done: Visited Washington's Mount Vernon home on the Fourth of July (the line was ridiculous)

If I could do it over, I'd: Start law school right after getting my FSA instead of waiting 12 years

My proudest actuarial moment: Helping launch the Fellowship Admissions Course

I'm passionate about: Justice and kindness

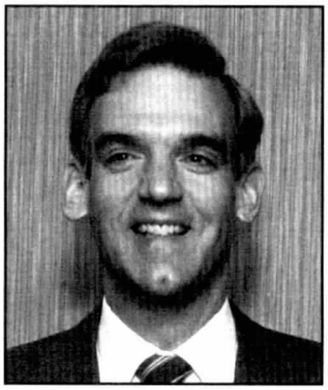
My favorite way to spend a Sunday: Relaxing

Transactions authors profiled

Fourteen papers have been accepted for publication in Volume 44 of the *Transactions*. The following biographical sketches briefly describe 7 of the 18 authors. Three were profiled in the November 1992 *Actuary*, four in the February 1993 issue, and the remainder will be featured in a future issue.

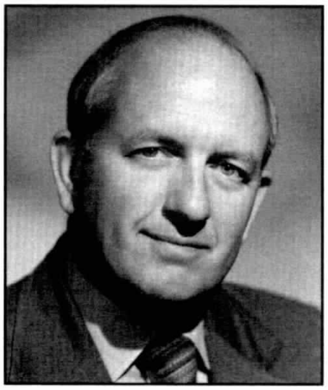
"Reverse Mortgages" by William A. Phillips and Stephen B. Gwin

WILLIAM A. PHILLIPS, FSA 1977, MAAA, is vice president and actuary, product development at Capital Holding Corporation. He has a bachelor's degree in chemistry and physics from Haverford College and a master's degree in geochemistry from the California Institute of Technology. He began his actuarial career at Transamerica Occidental Life in 1973 and joined Capital Holding in 1977. He has served on Society of Actuaries and American Academy of Actuaries committees, as a panelist at Society and industry meetings, and as a speaker on home equity conversion mortgages.



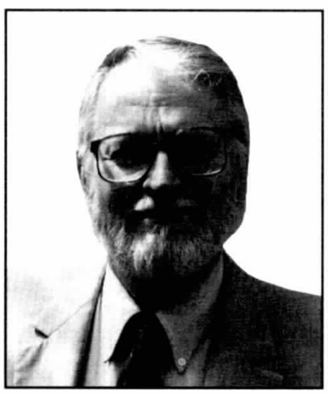
STEPHEN B. GWIN, FSA 1979, MAAA, is second vice president and actuary, product development, at Capital Holding Corporation. He received a bachelor's degree in business administration and a master's degree in actuarial science from the University of Michigan. He began his actuarial career with American United Life. He also worked for National Life & Accident and for Blue Cross and Blue Shield of Kentucky before joining Capital Holding in 1984. He was a panelist at the National Conference on Home Equity Conversion.

"An Actuarial Analysis of the AIDS Epidemic as It Affects Heterosexuals" by Peter W. Plumley



PETER W. PLUMLEY, FSA 1958, MAAA, is a consulting actuary whose current interests include expansion of mortality and morbidity research and actuarial aspects of the AIDS epidemic. He was executive director of the SOA in 1975-79 and served on the Board of Governors in 1981-84 and on various SOA committees. He currently serves on the HIV Research Committee. His papers have been published in the *Transactions* in Vol. 27 (1975), Vol. 28 (1976), Vol. 30 (1978), Vol. 33 (1981), and Vol. 41 (1989).

"A Method to Determine Confidence Intervals for Trend" by William A. Bailey



WILLIAM A. BAILEY, FSA 1962, MAAA, is research actuary for Kemper National Insurance Company. He majored in mathematics and graduated from Clark University in Worcester, Massachusetts, spent 17 years with Massachusetts Mutual, 1 year with Bankers Life & Casualty, 5 years with Milliman & Robertson in Milwaukee, 3 years with PolySystems in Chicago, and the last 12 years with Kemper in Long Grove, Illinois. His primary vocational interest since 1969 has been generalizing numerical convolutions for application to various actuarial and statistical problems. He created the "C"-language program COCONUT (COmand-and-CONvolUTe) that enables personal computer users to apply a handful of commands to perform convolution-like operations on from one- to five-dimensional empirical probability distributions. Bailey served on the Society's Examination Committee for Theory of Risk in 1985. He has published papers in the *Transactions* Vol. 26 (1974), ARCH (1978.2), and in the *Scandinavian Actuarial Journal.*

"Modeling Flexible Benefits Selection" by Charles S. Fuhrer and Arnold F. Shapiro

CHARLES S. FUHRER, FSA 1977, MAAA, has been pricing actuary of the employee benefits division at Washington National Insurance Company since 1990. Previously, he was group actuary at Health Care Service Corporation (Blue Cross/Blue Shield of Illinois) and at Benefit Trust Life Insurance Company. He received a bachelor's degree in mathematics from the University of Chicago. He is currently vice-chairperson of the Course 151 Examination Committee, vice-chairperson on the Committee on Papers, co-editor of *ARCH*, and a member of the Education and Research Section Council. He has served as chairperson of the Society's Committee on Research on Theory and Applications and is currently serving on the Committee on Review of Literature and the Task Force on the Encouragement of Literature. His papers in the *Transactions*, Vol. 40 (1988), and *ARCH* (1988.3) received the 1988 AERF Practitioners Award. The paper in Vol. 43 (1991) won the Health Section Research Papers Prize in 1991.

ARNOLD F. SHAPIRO, FSA 1976, MAAA, MSPA, EA, is professor of actuarial science and insurance, Robert G. Schwartz University Endowed Fellow in Business Administration, and director of the Pension and Welfare Research Center at The Pennsylvania State University. He received his Ph.D. in applied business and economics from the University of Pennsylvania (Wharton) in 1975. He is a vice-chairperson of the Education and Research Section. He is a co-editor of *ARCH* and associate editor of *Insurance: Mathematics and Economics.* His articles have appeared in *Insurance: Mathematics and Economics, Journal of Risk and Insurance, The Millbank Quarterly*, and *Journal of Econometrics.*

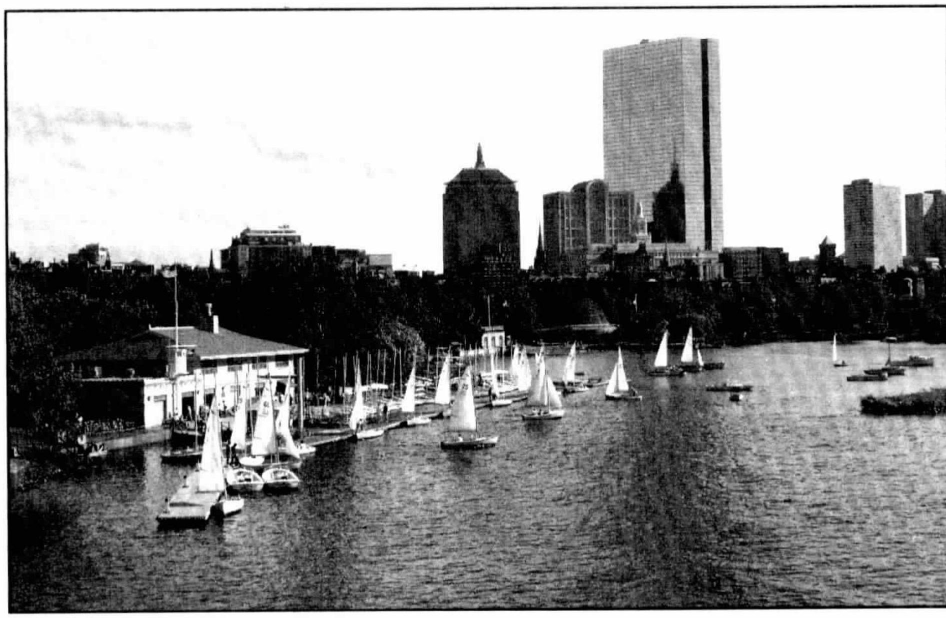
"A Practical Guide to Interest Rate Generators" by Sarah L. M. Christiansen

SARAH L.M. CHRISTIANSEN, FSA 1991, MAAA, is a senior actuarial

continued on page 14 column 1

TSA authors cont'd

associate at The Principal Financial Group. She received her bachelor's degree in mathematics from the University of California, Riverside, and master's and Ph.D. degrees in mathematics from the University of New Mexico. Before joining The Principal in 1985, she taught mathematics at Drake University, Des Moines Area Community College, and Grandview College. She serves as the Education and Research Section representative to the Society's Program Committee and is a member of the Course V-480 Examination Committee. Her published works include a paper in the *Transactions*, Vol. 41 (1989), and articles in *Health Section News* and Education and Research Section's *Expanding Horizons*.



Something for everyone at Boston meeting

With more than 60 sessions on everything from product development and financial reporting to management and international issues, the Society of Actuaries Boston spring meeting, May 3-4, will have something of value to everyone.

Topics will include new product ideas from around the world, NAIC risk based capital standards, AIDS update, trends in technology, important working relationships for the valuation actuary, and the mutual company dilemma. A management workshop reveals the "Secrets to Better Writing Skills."

Keynote speaker Lee Sherman Dreyfus, governor of Wisconsin from 1979-83 and former president of Sentry Insurance Corporation, will talk on professionalism at the May 3 general session. Speaker Steven T. Foster, president of the National Association of Insurance Commissioners, will give the late breaking news from the NAIC at the May 4 general luncheon.

The meeting hotel, the Boston Marriott Copley Place, is in the heart of the Back Bay, one of Boston's most lively areas. Free time can be spent visiting cultural and historic landmarks, art galleries, theaters, shops, and restaurants, all within walking distance.

Library adds services

To expand its ability to meet the information requests of members, the Society of Actuaries library recently has gone "online" with NEXIS to access business files and with OCLC for interlibrary networking. The library also can search new and old actuarial literature through Actuarial Source and Cowman's Index.

Below is an abbreviated list of the Society of Actuaries library's quarterly list of items received. A photocopy of the entire list for current or previous quarters may be obtained by calling the library at 708/706-3538 or 708/706-3575.

American Academy of Actuaries

1993 Yearbook, American Academy of Actuaries, January 1993

Canadian Institute of Actuaries

"1982-1988 Individual Mortality Table," Committee on Expected Mortality Experience, November 1992

"Canadian Institute of Actuaries English-French Lexicon," Committee on Bilingualism, CIA, Juin/June 1986

"Valuation Technique Paper No. 9: Valuation of Single Premium Annuities, Exposure Draft," CIA June 1992

Casualty Actuarial Society

1993 Syllabus of Examinations, Thirty-Eighth Edition, CAS, 1993

1993 Yearbook, CAS, January 1, 1993

Casualty Actuarial Forum: Special Edition, 1993 Ratemaking Call Papers, CAS, February 1993

Circulating

Barrow, John D., *Pi in the Sky: Counting, Thinking, and Being*, Oxford University Press, 1992 (uncatalogued)

Brackenridge, RDC, *Medical Selection of Life Risks, Third Edition*, Stockton Press, 1992 (HG 8886 .B67)

The Complete Internal Revenue Code, January 1993 Edition, Research Institute of America (HJ 3521 .R4 1993)

Crow, Edwin L. and Kuniio Shimizu, *Lognormal Distribution: Theory and Applications*, Marcel Dekker, Inc. 1988 (QA 273 .6 .L64)

Foulkes, Fred K., editor, *Executive Compensation: A Strategic Guide for the 1990s*, Harvard Business School Press, 1991 (HD 49655 .5 .U6 E87)

Hopkins, Bruce R. *The Law of Tax-Exempt Organizations*, Sixth Edition, John Wiley & Sons, 1992 (KF 6449 .H6)

Soule, Charles E., *Disability Income Insurance: the Unique Risk, Second Edition*, Business One Irwin (uncatalogued)