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- 2001 – 2022** **University of Connecticut, Storrs, CT**
2016 – 2022 *Associate Professor Emeritus*; participates in Analysis/Probability, Actuarial, & Financial Math Seminars
2008 – 2022 Janet & Mark L. Goldenson Center for Actuarial Research, *Board Member*
2007 – 2016 Actuarial Science Program, *Associate Director for Graduate Programs*
2002 – 2016 Applied Financial Mathematics Program, *Director*
2001 – 2016 Department of Mathematics, *Associate Professor in Residence*
- 2001** **ING Group, Atlanta GA/Hartford CT**
Latin America Operations, *Chief Financial Officer and Chief Actuary*; ING-AII, *Chief Financial Officer*
- 1973 – 2000** **Aetna Inc and affiliated companies, Hartford CT**
1992 – 2000 Aetna International Inc (non-US insurance and pensions), *Chief Financial Officer (2000) and Chief Actuary*
Aetna Life Insurance Company of America (Taiwan), *Appointed Actuary* (appointment stayed in effect thru 2006 in renamed ING Life Insurance Company of America)
Aetna Life and Casualty Limited (Bermuda), *Appointed Actuary*
1991 – 1992 Aetna Health Plans, *Head of Data Structure* (combined indemnity and managed care information systems)
1989 – 1990 Partners National Health Plans, *Northeast Regional Vice President* (HMO and PPO operations)
1987 – 1988 Aetna Healthcare Systems, Inc, *President and COO* (small HMO chain)
Aetna Casualty and Surety Co (commercial property and casualty insurance),
1984 – 1987 *Strategic Business Unit Head* (small commercial segment)
Mechanization Effort Co-Head (commercial accounts)
1982 – 1983 *Large Account Underwriting Head* (field commercial segment)
Aetna Life & Casualty, Inc (parent holding company)
1980 – 1982 *Director of Investor Relations*
1978 – 1980 *Corporate Actuarial Staff*
1973 – 1977 Aetna Life Insurance Company and Aetna Variable Annuity Life Insurance Company
Actuarial Student (variable annuities, group health, and group pensions)
- 1972** **Webster Academy, Webster MA, Assistant Principal, Mathematics Teacher, Basketball Coach**
1971 – 1972 **Kingsley Hall School, Westbrook CT, Director of Studies, Mathematics Teacher**
- Research and Professional:**
2016 “*A Dual Version of Asset-Liability Risk Modeling*” University of St. Thomas Center for Applied Math.
2015 “*Toward Formal Dualities in Asset-Liability Risk Modeling*”, Actuarial Research Conference, 2015
2015 “*Structure of the CAPM Covariance Matrix*”, ARCH 2015.1
2014 “*Interest Rate Modeling With Random Regimes*” Actuaries Club of Hartford/Springfield invited talk
2014 “*Calibration of a Regime-Switching Interest Rate Model*”, ARCH 2014.1
2013 “*Combinatorics for Moments of a Randomly Stopped Quadratic Variation Process*”, ARCH 2013.1
2012 “*Esscher Approximations for Maximum Likelihood Estimates*”, ARCH 2012.1
2009 “*Effect of Global Warming on Financial Discounting Methodology*”, Actuarial Research Conference, 2009
2008 “*Moments of a Regime-Switching Random Interest Rate Model With Randomized Regimes*”, ARCH 2008.1
2007 “*Random Switching Times Among Randomly Parameterized Regimes of Random Interest Rate Scenarios*”, ARCH 2007.1
2002 “*A Practitioner’s Regime-Switching Stochastic Interest Rate Model*”, 2001 Valuation Actuary Symposium
1998 “*Stationary Immunization Theory*”, Transactions of the 26th International Congress of Actuaries
2011 – 2021 Resource and Environmental Working Group member, International Actuarial Association
2011 – 2021 Project Oversight Group member for seven Society of Actuaries research projects
1979 – 2016 Presenter and panelist at actuarial society, academic, and insurance industry forums in the U.S., Canada, Mexico, Brazil, the U.K., India, Malaysia, the Philippines, and Taiwan
1980 – 1990 Editorial Board, Transactions of the Society of Actuaries
1980 Member, American Academy of Actuaries
1978 – 1979 Research to support American Council of Life Insurance committees developing the dynamic valuation interest rate proposal adopted by the National Association of Insurance Commissioners in 1980
- Education:**
2009 Society of Actuaries, Chartered Enterprise Risk Analyst
1973 – 1979 Society of Actuaries, Fellow
1969 – 1971 Yale, study and research in Mathematics (algebraic topology); passed Ph.D. qualifying exams; no dissertation
1969 Yale, M.A., Mathematics
1967 Notre Dame, A.B., Mathematics, *magna cum laude*
- Community:**
2009 – 2017 Real Art Ways, Hartford CT, Board Vice-Chair, Governance Committee, Finance Committee
1980 – 1995 Greater Hartford Easter Seals Rehab Center, Board Member, Finance Chair
1981 – 1987 Board of Education, Windsor CT, Member and President (1983 – 1985)
1975 – 1981 Jaycees, Windsor CT, Board Member, Officer, U.S. Jaycees Ambassador Award