

Yang Ho

FSA, MAAA, PhD, FLMI

CURRENT POSITION: Clinical Professor and Co-Director of Actuarial Science Program

PROFESSIONAL DESIGNATION

- (1) Fellow of Society of Actuaries (FSA)
- (2) Fellow, Life Management Institute (FLMI)
- (3) Member of American Academy of Actuaries (MAAA)

EDUCATION

Indiana University

Doctor of Philosophy, Mathematics - area of study: Functional Analysis (Operator Theory).

National Taiwan Normal University

Bachelor of Science, Mathematics.

RESERCH INTEREST

- (1) Actuarial Science: dynamic ruin theory, mortality improvement issue, and long term care insurance transition probability theory.
- (2) Operator Theory: Invariant subspace problems, Inner derivation and general derivation ranges of induced by bounded operator(s); elementary operators, and solution of operator equation of bounded operators on a separable infinity dimension Hilbert Space.

UNIVERSITY TEACHING EXPERIENCE

Actuarial Science Program Coordinator

University of Wisconsin at Milwaukee – Milwaukee, WI

Taught various actuarial science exam preparation courses, tutored upper level actuarial science courses for more qualified students, and supervised senior students for their graduation paper based on current actuarial topics.

Associate Professor

National Taiwan Normal University – Taipei, Taiwan

Taught graduate level “Functional Analysis” and undergraduate level “Advanced Calculus”. Directed students for Ph.D thesis.

Associate Instructor

Indiana University – Bloomington, Indiana

Taught undergraduate calculus and linear algebra.

PUBLICATIONS:

Functional Analysis-Related Publications

- “Commutants and Derivation Ranges,” Tôhoku Math. J. (2) 27, no. 4, 509-514 (1975)

- “Derivations on Hilbert-Schmidt Operators,” Tamkang J. Math. 6, no. 2, 191-195 (1975)
- “A note on derivations,” Bull. Inst. Math. Acad. Sinica 5, no. 1, 1-5 (1977)
- “A generalization of Jacobson’s Lemma,” Tamkang J. Math. 7, no. 2, 179-180 (1976)
- “On the Paper of H. W. Kim” (with Hu-Huiung Li), Taiwan Nat. Normal Univ. School Journal (1975)

Actuarial Science -Related Publications

- “A Primer on Some LTCI Pricing Challenges” Long Term Care Section, Society of Actuaries, April 2000 and October 2000

INDUSTRY ACTUARIAL EXPERIENCE

Executive Director

Sun Life Financial – Brookfield, WI

Supervised pricing and product development, reinsurance treaty negotiations, market expansion, and risk management functions for Reinsurance Division.

- Mentored actuaries on writing actuarial “Professional Development” papers to fulfill SOA Fellowship requirement
- Conducted actuarial recruiting and interviews

Vice President and Chief Actuary, Health Reinsurance

Transamerica Occidental Life Insurance Company – Charlotte, NC

Directed pricing and product development, valuation and financial reporting, risk management, profit management, and actuarial recruiting functions for Health Reinsurance unit.

- Managed and trained actuarial staff
- Conducted recruiting and interviews for actuarial staff
- Served as merge and acquisition leader

Vice President and Chief Actuary, Long Term Care Division

Transamerica Occidental Life Insurance Company – Kansas City, MO

Directed pricing and product development, valuation and financial reporting, risk management, profit management, and actuarial recruiting functions for Long Term Care Division.

- Served as department head – assumed full administrative responsibility, including budgeting, staff evaluation, and strategic and operational planning
- Managed and trained actuarial staff
- Recruited, interviewed, and made final hiring decision for staff actuaries

Actuarial Officer (Health and Life Divisions) and Chief Financial Actuary (Long Term Care Division)

Fortis Companies (Now Assurant Health) – Milwaukee, WI

Managed pricing and product development, valuation and financial reporting, and actuarial recruiting support functions for health, life, and long term care business units.

- Taught actuarial exam review courses for actuarial students
- Conducted actuarial recruiting and interviews
- Managed and trained actuarial staff
- Acted as interim department head for Individual Health Actuarial Department
- Served as an actuarial exam administrator
- Served two years as SOA exam committee member

Manager, Individual Health Product Research and Development

Ohio National Life Insurance Company – Cincinnati, OH

Led pricing and product development and financial reporting functions for individual health business unit.

- Taught insurance courses for non-actuarial staff

Actuarial Assistant

General American Life Insurance Company – St. Louis, MO

Supported actuarial fellows for individual health business unit.

- Taught “Life Contingencies” review course for actuarial students

OTHER RELEVANT TEACHING EXPERIENCE

Voluntary MathCounts Coach

New Berlin West and Wisconsin Team – Milwaukee, WI

Coached New Berlin West Middle School team at local and state competitions and Wisconsin team at national competition.

- New Berlin West team: first place overall at local competition and second place overall at state competition
- Wisconsin team: third place overall at national competition

SERVICE

Society of Actuaries

- Exam Committee Member (F580)
- SOA meeting workshop co-chairperson
- Speaker and Recorder at SOA meetings
- Member of Long Term Care Risk Base Capital Committee
- Actuarial exam administrator

Other

- Speaker at Annual Intercompany Long Term Care Insurance Conference