

# **Yang Ho**

**FSA, MAAA, PhD, FLMI**

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**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.

## **RESEARCH 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