



JIM TOOLE, FSA, CERA, MAAA

EDUCATION

Wake Forest University, BS Mathematics *Cum Laude*
Princeton University

1985 – 1987

1981 – 1983

CERTIFICATIONS

Fellow in the Society of Actuaries

1997

Chartered Enterprise Risk Analyst

2009

Member of the American Academy of Actuaries

1992

EXPERIENCE

Aurora Actuarial, Winston-Salem, NC

2022 – present

Chief Luminary

- Litigation support services and expert witness work (defense and plaintiff) for reinsurance, life insurance, and health insurance cases
- Strategic planning, diligence, and transaction support for companies and inforce blocks of business, including assessing the potential cost and impact of reinsurance options
- Comprehensive actuarial services (ratemaking, financial reporting, and risk management) for self-insured plans, captives, and insurers

FTI Consulting, Inc., Winston-Salem, NC

2011 – 2022

Senior Managing Director

- Litigation support services and expert witness work (defense and plaintiff) for reinsurance, life insurance, and health insurance cases
- Strategic planning, diligence, and transaction support for companies and inforce blocks of business
- Business plan development and ongoing Appointed Actuary services for the first new life insurance company in North Carolina in over 25 years
- Comprehensive actuarial services (ratemaking, financial reporting, and risk management) for self-insured plans, captives, and insurers

MBA Actuaries, Inc., Winston-Salem, NC

2002 – 2011

Managing Director, Life & Health

- Design and filing of individual and group health plan offerings and ongoing financial reporting responsibilities for insurance companies and Multiple Employer Welfare Arrangements (MEWAs)
- Provide comprehensive actuarial services to self-insured plans including budgeting, plan design, and financial reporting
- Long term appointment as chief health actuary for the state of Hawaii responsible for reviewing health rate filings, triennial examinations, and provide research and support for legislative initiatives
- Litigation support services and expert witness work (defense and plaintiff) for life and health insurance cases

Milliman Latin America, Denver, CO**1998 – 2002***Consulting Actuary*

- Led buy and sell side actuarial teams for M&A transactions in Mexico, Chile, Brazil, Colombia and Argentina, cumulative transactions in excess of \$2.5 billion USD
- Reviewed budget methodology and re-engineered processes to minimize the possibility of systemic error and improve consistency with reported GAAP financials
- Demutualization team leader responsible for developing theory and supporting methodology for contribution factor calculations for non-traditional portfolio of UL, VUL and annuity products valued at over \$1 billion USD
- Developed and documented practice standards and procedures for communications, proposals, filing and reports

Tillinghast-Towers Perrin, Mexico City, Mexico**1996 – 1998***Consulting Actuary*

- Participated in M&A and bancassurance transactions in Mexico, Chile, Brazil and Argentina, cumulative transactions in excess of \$1.0 billion USD
- Developed methodology to use TAS for modeling P&C products
- Spent three months on site developing methodology and assumptions for a block of life and annuity business in the largest Australian demutualization to date

PennCorp Financial, Raleigh, NC**1995 – 1996***Pricing Actuary*

- Headed product development team for Integon division
- Responsible for contracts, forms, system implementation, and product administration issues
- Responded to inquiries from regulators on product filings
- Provided technical support for inforce illustrations on 10+ UL products

Odell & Associates, Inc., Winston-Salem, NC**1992 – 1995***Consulting Actuary*

- Assisted in the development, filing and implementation of life, health, disability, and critical illness products
- Provided technical support for individual and small group rate increase filings for health products in various states
- Performed life, health, and RBC reserve calculations for statutory statements
- Developed statutory and GAAP life reserve factors and verified their implementation

MetLife, New York, NY**1989 – 1992***Actuarial Analyst*

- Responsible for developing assumptions and projecting MetLife's diverse group insurance products for NY Regulation 126 cash flow testing
- Developed programs and processes to perform a mainframe seriatim projection of MetLife's UL portfolio of eighteen product offerings (over 1 million policies)
- Worked extensively with Chalke PTS software to perform traditional and UL model office projections, modifying modules as needed to support Met specific features

Integon Life Insurance, Winston-Salem, NC**1987 – 1989***Actuarial Student*

- Assisted in the development of UL and term life products
- Implemented and tested products on new business and inforce illustration systems
- Performed lapse and mortality experience studies

PROFESSIONAL ACTIVITIES

SOA Individual Life Experience Committee	2021 – Present
AAA Health Equity Working Group	2020 – 2022
SOA Latin America Committee	2014 – 2019
SOA Public Health Task Force	2016 – 2018
SOA Health Curriculum Committee	2015 – 2018
SOA Vice President	2014 – 2016
Southeast Actuaries Club Board of Directors	2012 – 2013
SOA General Insurance Track Syllabus Development Committee	2012 – 2013
SOA Board of Directors	2009 – 2012
Self Insurance Institute of America – Health Care Committee	2008 – 2010
Social Insurance and Public Finance Section Formation	2008 – 2009
SOA Health Spring Meeting Chair	2008 – 2009
SOA Health Section Council (Chair 2008)	2005 – 2008
AAA Extreme Events Working Group	2005 – 2007
SOA Marketplace Relevance Strategic Action Team	2004 – 2007
Course 8 Finance Exam Committee (ERM Track)	2003 – 2006
SOA Strategic Planning Committee	2000 – 2005
SOA Latin America Committee (founder and chair)	2000 – 2004
SOA International Policy Committee	1999 – 2004
Table Manager Update Coordinator	2001
International Section Council (Chair 2001)	1998 – 2001
SOA Ambassador Program Coordinator	1998 – 2000
SOA Ambassador to Mexico	1997 – 1998
Computer Science Section Newsletter Editor	1993 – 1994
Computer Science Section Council	1991 – 1994

PUBLICATIONS

1. *“Five Action Steps to Update your Risk Management Program for a Post Pandemic World,”* FTI Journal, May 2020.
2. *“How COVID-19 will Impact Health Insurance Payers,”* FTI Journal, April 2020.
3. *“Don’t Fall Captive to Self-Insurance Risks,”* FTI Journal, March 2018
4. *“Is Your Company Prepared for a Pandemic?,”* FTI Journal, July 2017
5. *“Realistic Steps for Improving your Return on Insurance Data,”* Carrier Management, June 2017
6. *“Re-imagining Employer Healthcare,”* FTI Journal, May 2017
7. Prologue and Epilogue, The ACA@5, Society of Actuaries, August 2015
8. *“Developing a Robust Risk Appetite Statement,”* Carrier Management, April 2015
9. *“ACA and ACOs: Incentivizing Change,”* FTI Consulting, October 2013
10. *“Untapped Opportunities for Actuaries in Health: The Year in Review,”* Society of Actuaries, November 2010
11. *“Accountable Care Organizations: An Untapped Opportunity,”* co-author, *Health Watch*, Society of Actuaries, Issue 64, September 2010
12. *“Potential Impact of Pandemic Influenza on the U.S. Health Insurance Industry,”* Society of Actuaries, June 2010
13. *“Health Company Pandemic Modeling Tool,”* Society of Actuaries June 2010
14. *“Adding Value to Plan Sponsors: Leveraging Your Captive and Self-Insured Plan Experience with ERM,”* *The Self Insurer*, April 2010

15. *"The Economic Measurement of Medical Errors,"* Chair, Research Project Oversight Group, Society of Actuaries, April 2010
16. *"A Catalyst for Change,"* *The Actuary Magazine*, August 2009
17. *"U.S. Health Care System: Righting an Inversion,"* Visions for the Future of the U.S. Health Care System, Society of Actuaries, May 2009
18. *"Pandemic Planning and Recovery,"* *Risk Management*, Society of Actuaries, Issue 14, December 2008
19. *"2008 Year in Review,"* *Health Watch*, Society of Actuaries, Issue No. 59, September 2008
20. *"Potential Impact of a Pandemic on the U.S. Health Insurance System,"* Society of Actuaries, May 2008
21. *"A Healthy Future? Risks and Opportunities Facing the Health Profession,"* *The Actuary*, Society of Actuaries, Vol. 5 No. 2, April/May 2008
22. *"Actuaries Advancing Public Health,"* *Health Watch*, Society of Actuaries, Issue No. 58, May 2008
23. *"Maintaining Professional Relevance in a Rapidly Changing Environment,"* *Health Watch*, Society of Actuaries, Issue No. 57, January 2008
24. *"Potential Impact of Pandemic Influenza on the US Life Insurance Industry,"* Society of Actuaries, May 2007
25. *"Life Company Pandemic Modeling Tool,"* Society of Actuaries, May 2007
26. *"Community Benefit: A Matter of Mission and Accountability,"* co-author, *Health Watch*, Society of Actuaries, Issue No. 55, May 2007
27. *"Navigating New Horizons... An Interview with Eric Stallard,"* *Health Watch*, Society of Actuaries, Issue No. 55, May 2007
28. *"Potential Impact of a Pandemic on the US Life Insurance Industry,"* Life Chief Actuaries Forum, May 2006
29. *"Financial Services Convergence: Big Bang or a Whimper?,"* *The Actuary*, Society of Actuaries, Vol. 2 No. 6, December 2005
30. *"Insurance Industry Mergers and Acquisitions,"* editor and co-author, Society of Actuaries, May 2005