

**Therese M. Vaughan, Ph.D, ASA, ACAS, CPCU, MAAA**

Terri Vaughan is a leading expert in insurance regulation. She has spent the bulk of her career as a scholar of regulation, an insurance regulator, and a representative of U.S. insurance regulation domestically and internationally. She is also a corporate director, author, and public speaker. Terri serves as a director of IFG Companies, Validus Holdings, Verisk Analytics, and Wellmark Blue Cross and Blue Shield.

From February 2009 to November 2012, Terri served as the chief executive officer of the National Association of Insurance Commissioners (NAIC). As CEO, she oversaw the operations of the NAIC and served as its primary representative and chief spokesperson in Washington, D.C. She represented the NAIC as a member of the executive committee of the International Association of Insurance Supervisors (IAIS) and as a member of the steering committee for the U.S./E.U. Insurance Dialogue Project. In 2012, she chaired the Joint Forum, a Basel, Switzerland-based group of banking, insurance, and securities supervisors that studies and makes recommendations on cross-sectoral issues. Prior to joining the NAIC, Terri spent time in both academia, as director of the Drake Insurance Center and the Robb B. Kelley Distinguished Professor of Insurance and Actuarial Science at Drake University, and in regulation, as Iowa Insurance Commissioner and NAIC President.

Terri earned a Ph.D. in risk and insurance at the University of Pennsylvania and a B.B.A. in insurance and economics at the University of Iowa. She is a Chartered Property Casualty Underwriter, an Associate of the Society of Actuaries, an Associate of the Casualty Actuarial Society, and a Member of the American Academy of Actuaries. She is the co-author of two college textbooks on insurance, *Essentials of Insurance* and *Fundamentals of Risk and Insurance*. She is a past editor of the *Journal of Insurance Regulation* and a past president of the American Risk and Insurance Association, the premier academic association devoted to the study and promotion of knowledge about risk management and insurance.

Terri has received many honors and awards. She was named one of the Top 25 Living Legends of Insurance (*National Underwriter*, 2012), 100 Most Influential People in Healthcare, (*Modern Healthcare*, 2011), Top 50 Women in the Insurance Industry (*Reactions* magazine, 2014), University of Iowa Distinguished Young Alumni (1996), member of the Iowa Insurance Hall of Fame (2003), and a Distinguished Fellow of the IAIS (2013). Most recently, she was named the 2014 Insurance Woman of the Year by the Association of Professional Insurance Women.

# Therese M. Vaughan

## ACADEMIC BACKGROUND

- December 1985      Ph.D., Managerial Science and Applied Economics, University of Pennsylvania  
Major: Risk and Insurance      Related Field: Statistics  
Dissertation: The Trade-Off Between Pensions and Wages in an Implicit  
Contracts Labor Market
- May 1979      B.B.A. (with high distinction), The University of Iowa  
Majors: Insurance and Economics

## PROFESSIONAL DESIGNATIONS

- Associate, Society of Actuaries (ASA), 1987.
- Chartered Property and Casualty Underwriter (CPCU), 1989.
- Associate, Casualty Actuarial Society (ACAS), 1992.
- Member, American Academy of Actuaries (MAAA), 2000.

## CORPORATE GOVERNANCE

- Director, Verisk Analytics, February 2013 to present. Nominating and Corporate Governance Committee.
- Director, Validus Holdings, May 2013 to present. Audit Committee, Corporate Governance and Nominating Committee, Risk Committee, Finance Committee.
- Director, IFG Insurance Group, March 2013 to present. Audit Committee.
- Director, Wellmark Blue Cross and Blue Shield, May 2013 to present. Audit Committee, Human Resource Committee, Governance Committee, Finance and Investment Committee.
- Director, Principal Financial Group (PFG), November 2005 – January 2009. Audit Committee, Strategic Issues Committee.
- Director, Endurance Specialty Holdings (ENH), August 2005 – January 2009. Audit Committee, Nominating and Governance Committee (chair November 2006 – 2009).
- Director, National Council on Compensation Insurance, July 2005 – January 2009. Finance Committee, Nominating and Governance Committee; Strategic Planning Committee (chair, 2006).
- Director, Insurance Marketplace Standards Association, 2004 – January 2009. Qualification Standards Working Group chair, 2008.
- Director, EMC Insurance Group, Inc., 1992 – 1994.

## PREVIOUS EMPLOYMENT

**Chief Executive Officer**  
**National Association of Insurance Commissioners**

February 2009 – November 2012

**Responsibilities:** Managing the operations of the NAIC, including the coordination and oversight of NAIC offices in Washington, DC, Kansas City, and NY; serving as the NAIC's primary representative in Washington, D.C., including outreach to federal governmental entities/individuals, state government associations/groups, insurance industry representatives, consumer representatives and media sources; coordinating with the NAIC's Officers, Executive Committee, Internal Administration (EX1)

Subcommittee, and members to help identify, develop, prioritize, and achieve regulatory modernization and other key initiatives.

- Managed a staff of over 400 employees and a budget of \$80 million.
- Coordinated NAIC efforts to develop and implement the NAIC Solvency Modernization Initiative.
- Represented the NAIC at the International Association of Insurance Supervisors, including active involvement in IAIS financial stability, G-SII, and ComFrame projects. Chair, IAIS Membership Scope Task Force, 2011-2012.
- Chair, Joint Forum (international body of banking, insurance and securities supervisors), 2012.
- Financial Stability Board, Standing Committee on Supervisory and Regulatory Cooperation, observer, 2012.
- Represented the NAIC as a member of the steering committee for the US/EU Dialogue on Regulatory Cooperation and Understanding, 2012.
- Created the NAIC's Capital Markets Bureau and Center for Insurance Policy and Research.

**Robb B. Kelley Distinguished Professor of Insurance and Actuarial Science**  
**Drake University**

January 2005 – January 2009

**Responsibilities:** research, service, teaching  
(undergraduate and graduate courses in insurance, risk management, the management of financial institutions, and the regulation of financial institutions)

**Commissioner, Iowa Insurance Division**

August 1994 – December 2004

**Responsibilities:** Serving as head of the Insurance Division; general control, supervision, and direction over all insurance business transacted in the State of Iowa; enforcing all laws of the state relative to insurance; representing the State of Iowa in activities of the National Association of Insurance Commissioners; regulating securities activities and enforcing all state securities laws; regulating miscellaneous industries, including continuing care retirement communities (disclosure only), motor vehicle and residential service contracts; funeral homes and cemeteries. Chair, Iowa Petroleum Underground Storage Tank Fund Board. Vice Chair, Healthy and Well Kids in Iowa (HAWK-I).

**Highlights:**

- Appointed by Republican and Democratic Governors.
- Managed a staff of 95 employees and a budget of \$8.5 million.
- National Association of Insurance Commissioners (NAIC) President 2002, Vice President 2001, Secretary/Treasurer 2000. NAIC Executive Committee 1996-2003. Life Insurance Committee chair 1997-1999, 2004.
- President, National Insurance Producer Registry, 2000 – 2002. (NAIC affiliate company established as a public/private partnership to promote creation of a national producer licensing system); Director, 2009 to 2012.
- Led a number of initiatives at the NAIC, including: coordination with federal banking regulators following enactment of the Gramm-Leach-Bliley Act; development of NAIC's response to the terrorism events of 2001, including insurance policy issues and working with the Congress and Treasury on TRIA; development and creation of an interstate compact for life insurance product approval; creation of a risk assessment approach to solvency surveillance; responding to the NARAB provision in GLBA by creating a national producer licensing system; reengineering the NAIC financial database.
- Implemented changes to Iowa's regulatory system, including individual health insurance reform, mutual insurance holding company legislation, and major revisions to Iowa's rules and regulations. Significantly increased automation and electronic access for the Division's customers. Reorganized Division structure in response to financial services convergence, increasing coordination between insurance and securities enforcement functions. Implemented fraud bureau.
- Active in international issues. Represented the NAIC and the International Association of Insurance Supervisors (IAIS) on the Joint Forum, a committee of banking, insurance, and securities supervisors focused on cross-sectoral issues, and based in Basle, Switzerland.; chaired the IAIS Task Force on

Enhanced Disclosure; represented the NAIC and IAIS on the Multidisciplinary Working Group on Enhanced Disclosure (aka "Fisher Group"); negotiated and signed MOU between China Insurance Regulatory Commission (CIRC) and NAIC; led development of NAIC's China Internship Training Program.

**Director, The Insurance Center at Drake University**

August 1988 to May 1996  
(on leave August 1994 to May 1996)

**Responsibilities:** Supporting and promoting university insurance education; supervising continuing education and professional development programs in insurance for the insurance industry, regulators, and consumers; supervising the provision of agents' licensing exams to various states; teaching in the Departments of Insurance and Actuarial Science; supervising Center research and supporting and promoting faculty research in insurance, insurance regulation, risk management, and financial services; managing over \$80,000 in scholarships annually to students studying insurance and actuarial science; developing and managing an annual budget of over \$600,000.

**Highlights:**

- Chair, Insurance Department, 1990-1994; Assistant Professor, 1988-1994; Associate Professor (with tenure), 1994-1996 (on leave).
- Supervised development of the Kenneth W. Smith Financial Regulation Program, a national two-week school attended by insurance regulators from across the country and adopted by the National Association of Insurance Commissioners (NAIC) Education and Research Foundation;
- Supervised revision of the examinations for the Society of Financial Examiners (SOFE) Accredited Financial Examiners (AFE) designation, a professional designation program for regulators involved in the financial regulation of insurance companies;
- Established and managed The Insurance Center's agents' licensing project, providing insurance agents' licensing exams and/or approval of continuing education programs for 17 state insurance departments, with annual revenues of over \$300,000 for 1994/95;
- Coordinated the Insurance Education Workshop, a two-week educational program for high school teachers;
- Generated foundation grants of over \$100,000 for specific projects (computer equipment, multi-media facility, student conference).

**Consultant, Tillinghast, A Towers Perin Company**

May 1987 to July 1988

**Responsibilities:** Project management and consulting in the risk management and casualty division; performed risk management and organizational reviews of client companies; specific activities include using quantitative methods to set risk retention levels, instructing brokers in competitive rebids of insurance programs, structuring risk management and reporting relationships in a corporate setting and responding to technical questions raised by clients relative to risk management and insurance issues.

**Assistant Professor of Economics and Finance  
Baruch College, City University of New York**

January 1986 to May 1988  
(on leave June 1987 to May 1988)

**Responsibilities:** Taught courses in employee benefits, life insurance, property and liability insurance, and principles of insurance at the graduate and undergraduate levels.

**Adjunct Assistant Professor, Temple University**

January 1983 to December 1985

**Responsibilities:** Taught courses in employee benefits, life insurance, and principles of risk management.

## **PUBLIC TESTIMONY**

- 2011. U.S. Senate Committee on Banking, Housing, and Urban Affairs, Subcommittee on Securities Insurance, and Investment. Hearing Regarding: Emerging Issues in Insurance Regulation (September).
- 2009. U.S. House of Representatives Committee on Financial Services, Subcommittee on Capital Markets, Insurance, and Government Sponsored Enterprises. Hearing Regarding: Perspectives on Systemic Risk. (March)
- 2002. U.S. House of Representatives Committee on Financial Services, Subcommittee on Capital Markets, Insurance and Government Sponsored Enterprises. Hearing Regarding: Insurance Regulation and Competition for the 21st Century (June).
- 2001. U.S. House of Representatives Committee on Financial Services, Subcommittee on Oversight and Investigation and Subcommittee on Financial Institutions and Consumer Credit. Hearing Regarding: Information Sharing Among State and Federal Financial Regulators (March).
- 2000. U.S. Senate Committee on Banking, Housing, and Urban Affairs, Securities Subcommittee. Hearing Regarding: State Implementation of the NARAB Subtitle in the Gramm-Leach-Bliley Act (April).
- 1992. Proposition 103 hearings held by the California Department of Insurance in the Matter of the Rate Rollback Liability of Mercury Casualty Group (April).
- 1992. Written testimony submitted to the Insurance Commissioner of the State of California in the Matter of the Proposition 103 Rate Rollback Liability of Aetna Life & Casualty Group (May).
- 1992. Written testimony submitted to the Insurance Commissioner of the State of California in the Matter of the Proposition 103 Rate Rollback Liability of Progressive Insurance Group (May).

## **PUBLICATIONS - BOOKS**

- Vaughan, Emmett J. and Therese M. Vaughan. *Fundamentals of Risk and Insurance*, 11<sup>th</sup> edition, (John Wiley & Sons, 2013); 10<sup>th</sup> edition (2008); 9<sup>th</sup> edition (2003), 8<sup>th</sup> edition (1999); 7<sup>th</sup> edition (1996).
- Vaughan, Emmett J. and Therese M. Vaughan. *Essentials of Risk Management and Insurance*, 2<sup>nd</sup> edition (John Wiley & Sons, 2001); 1<sup>st</sup> edition (1995).

## **PUBLICATIONS – ARTICLES/MONOGRAPHS/COLUMNS/PROCEEDINGS**

- Vaughan, Therese M., 2012. “Life Insurance: Providing Long-Term Stability in a Volatile World.” *Risk Management and Insurance Review* (Vol. 15, Issue 2), pp. 255-261.
- Vaughan, Therese M., 2012. “The Influence of Accounting Standards on the Performance of the Insurance Sector.” *Journal of Risk Management in Financial Institutions* (Vol. 5, No. 4), pp. 363-367.
- Vaughan, Therese M., 2011. “Regulatory Challenges and Developments in the United States.” *The Future of Insurance Regulation and Supervision: A Global Perspective*, Liedtke and Mankiewicz, editors. (Palgrave Macmillan).
- Vaughan, Therese M. 2010. “Improving Regulatory Capital Requirements: Developments in the U.S.” *Global Perspective on Insurance Today: A Look at National Interest versus Globalization*, Kempler, et al. editors (Palgrave Macmillan).
- Vaughan, Therese M., 2009. “The Economic Crisis and Lessons For (and From) US Insurance Regulation.” *Journal of Insurance Regulation* (Vol. 28, No. 1), pp. 3-18.

- Vaughan, Therese, 2009. *The Implications of Solvency II for U.S. Insurance Regulation*. Networks Financial Institute Policy Brief No. 2009-PB-03.
- Vaughan, Terri. 2008. "It's Time for Treasury to Have a Role." *National Underwriter* (May 5).
- Vaughan, Therese. 2008. *The Implications of Prompt Corrective Action for Insurance Firms*. Networks Financial Institute Policy Brief 2008-PB-02.
- Kilbourne, Federick W. et al. (CRUSAP Task Force). 2006. *A Critical Review of the U.S. Actuarial Profession: Final Report for the U.S. Actuarial Profession and Other Interested Parties*.
- J.D. Cummins, Neil Doherty, Gerald Ray, Terri Vaughan. 2006. "The Insurance Industry Post-October 2004." *Risk Management and Insurance Review* (Vol. 9, Issue 2), p. 89-108. Proceedings of the American Risk and Insurance Association.
- Teufel, Patricia A., et al. 2005 *Task Force on Actuarial Credibility Report to the Casualty Actuarial Society Board of Directors*. Arlington, Va.: Casualty Actuarial Society.
- Vaughan, Terri. 2004. "Financial Stability and Insurance Supervision." *Geneva Papers on Risk and Insurance* (Vol. 29, No. 2)
- Miscellaneous columns in *NAIC News*, the NAIC's monthly newsletter to regulators, industry, and other interested parties (1999-2003).
- Vaughan, Therese. 2003. "Congress Isn't Improving Health Laws," *Des Moines Register* (November 21).

#### **PUBLICATIONS – ARTICLES/MONOGRAPHS/COLUMNS (continued)**

- Vaughan, Terri. 2002. "Risk Assessment in Insurance Regulation." *Today's Insurance Professionals* (Spring).
- Vaughan, Terri. 2002. "Reinventing State Insurance Regulation." *ARIA News* (Spring).
- Vaughan, Terri. 2002. "The NAIC's 2002 Agenda: Toward a More Efficient System of Insurance Regulation." *Journal of Insurance Regulation* (Spring).
- Vaughan, Terri. 2002. "Reinventing State Insurance Regulation," *PIA Connection* (April).
- Vaughan, Terri. 2002. "The Brave New World of Producer Licensing." *Viewpoint* (January).
- Vaughan, Terri. 2002. "Counting the House: Actuaries and Financial Services Reform." *Contingencies* (July/August).
- Manders, John M., Therese M. Vaughan, and Robert Myers. 1994. "Insurance Regulation in the Public Interest: Where Do We Go From Here?" *Journal of Insurance Regulation* (Spring); named outstanding JIR article of the year.
- Klugman, Stuart, Marie Klugman, and Therese M. Vaughan. 1994. "Survey Sheds Light on Entry Level Job Market." *Future Actuary* (January/March).
- Vaughan, Therese M., Robert W. Cooper and Gary L. Frank. 1993. "Ethical Issues, Helps and Challenges: Perceptions of U.S. Actuaries." *The Journal of Actuarial Practice* (Vol. 1, No. 2).
- Vaughan, Therese M. 1993. "State Taxation of Insurance Companies in Iowa." *Viewpoint* (April).

- Vaughan, Therese M. and Bruce Jermeland. *The Iowa Insurance Fact Book*, 1993 Edition. 1988/89 Edition (with A. Kneeder), 1989/90 Edition (with R. Hrubetz). (Updates of the 1987/88 edition by Dr. Ellen Thrower and Kathryn D. Mohr).
- Wolk, Harry I. and Therese M. Vaughan. 1993. "A Conceptual Framework Analysis of Pension and Other Postretirement Benefit Accounting." *Accounting Enquiries* (Vol. 2, No. 2).
- Vaughan, Therese M. and Diana Reed. 1992. "Health Care Benefits -The Bane of Small Business: What Do We Really Know?" *Journal of Business and Entrepreneurship* (March).
- Vaughan, Emmett J. and Therese M. Vaughan. 1990. "Proposition 103: Repealing the Laws of Supply." *CPCU Journal* (March); reprinted in *The Impact of Consumer Activism on the Insurance Industry*, Malvern, PA: Society of CPCU, 1991.
- Vaughan, Therese M. 1988. "Comment on the Financial Feasibility of Tax-Sheltered Annuities." *The Journal of Risk and Insurance* (March).

#### **SELECTED PROFESSIONAL SERVICE ACTIVITIES**

- Director, International Insurance Society, June 2011 to present.
- Trustee, American Institute for Chartered Property Casualty Underwriters, 1996 – 2011 (with one-year hiatus every 6 years); Ethics Committee.
- Trustee, Griffith Foundation for Insurance Education, May 2005 – 2011. ERM Symposium Steering Committee, 2006, 2008.
- Director, American Risk and Insurance Association, 2003 – 2010. President, 2008-2009; President-Elect 2007-2008; Vice President and Program Chair, 2006-2007.
- Vice Chair, World Economic Forum Insurance Agenda Council, 2010.
- Advisory Board, Emmett J. Vaughan Institute for Risk Management and Insurance, University of Iowa, 2007 to present.
- Editor, *Journal of Insurance Regulation*, 2008 – 2009; coeditor, 2005-2008.
- American Academy of Actuaries (AAA) representative to the International Actuarial Association (IAA) Insurance Regulation Committee, 2004 – 2008. Representative to Insurance Solvency Subcommittee, 2004 – 2007. IAA Regulation Committee Vice Chair, Nov. 2006 – 2008.
- International Association of Actuaries (IAA) representative to the Solvency Subcommittee of the International Association of Insurance Supervisors (IAIS), 2005 – 2007.
- Casualty Actuarial Society IAA Liaison Committee, 2004 – 2008, Task Force on Actuarial Credibility, 2005.
- American Academy of Actuaries Critical Review of the U.S. Actuarial Profession (CRUSAP) Task Force, 2005 – 2006.

#### **HONORS AND AWARDS**

- Insurance Woman of the Year, Association of Professional Insurance Women, 2014.
- Distinguished Fellow, International Association of Insurance Supervisors, 2013.
- Top 25 Living Legends in Insurance, *National Underwriter*, 2012.
- 100 Most Influential People in Healthcare, *Modern Healthcare*, 2011
- 100 Most Powerful Individuals in the Insurance Industry in North America. *Insurance Broadcasting and the Insurance Media*, 2002, 2010, 2011.

- Iowa Insurance Hall of Fame, 2003
- President's Citation, Independent Insurance Agents of Iowa, 2001
- CPCU Society Leadership Recognition Award, 1997
- University of Iowa Distinguished Young Alumnus, 1996
- *Marquis Who's Who in America, Marquis Who's Who in the World*
- Outstanding article of 1994, *Journal of Insurance Regulation*
- Outstanding Teacher of the Year, 1993/94. (Drake College of Business and Public Administration)
- S. S. Huebner Fellow, 1979 - 1982
- Beta Gamma Sigma Honor Society in Business, April 1978 - present
- Omicron Delta Epsilon Economics Society, October 1977 – present