

July 2014

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EMPLOYMENT:

1999 – Present

Associate Professor, with tenure (2007 – Present)
Director, Actuarial Science Program (2013 - Present)
Previous Appointment: *Assistant Professor (1999 – 2007)*
Department of Risk, Insurance and Healthcare Management
Fox School of Business
Temple University; Philadelphia, PA

2000 – 2008

Senior Adjunct Fellow
Leonard Davis Institute of Health Economics
University of Pennsylvania; Philadelphia, PA

1999 – 2007

Instructor, Actuarial Exam Review Seminars
Casualty Actuaries of the Mid-Atlantic Region; Philadelphia, PA

1997 – 1999

Instructor, INSR 205: Risk Management
The Wharton School, University of Pennsylvania; Philadelphia, PA

1996 – 1999

Teaching Assistant, Actuarial Science
The Wharton School, University of Pennsylvania; Philadelphia, PA

1992 – 1994

Actuarial Assistant, Pensions Department
Metropolitan Life Insurance Company; New York, NY

EDUCATION:

2000

Ph.D. in Managerial Science and Applied Economics
Insurance and Risk Management Department
The Wharton School, University of Pennsylvania; Philadelphia, PA

1992

B.S. in Actuarial Science, cum laude
College of Insurance; New York, NY
(now St. John's University School of Risk Management)

PROFESSIONAL DESIGNATIONS:

Associate, Society of Actuaries

HONORS, AWARDS, FELLOWSHIPS:

2009	Outstanding Teacher Award, Gamma Iota Sigma
2007, 2008	Teacher of the Year, Fox Business Honors Student Organization
2006 – 2007	<i>Dean's Teaching Fellow</i> , Center for Innovation in Teaching and Learning, Fox School of Business
2003 – 2009	<i>Deaver Fellow</i> , Fox School of Business
2002	The Andrisani-Frank Undergraduate Teaching Award, Fox School of Business and Management
2001	Outstanding Paper Award, 5 th Annual Conference of the Asia-Pacific Risk and Insurance Association
2000	The Robert C. Witt Research Award for Outstanding Feature Article in the <i>Journal of Risk and Insurance</i> (1999)
1997 – 1999	Society of Actuaries/Casualty Actuarial Society Ph.D. Grant
1998	SCOR International Actuary Award
1997 – 1998	The State Farm Companies Foundation Doctoral Dissertation Award
1994 – 1998	S.S. Huebner Foundation Fellowship

RESEARCH

CONTRIBUTIONS TO EDITED BOOKS:

“Demutualization in the Insurance Industry,” in *Encyclopedia of Actuarial Science* (London, U.K.: John Wiley and Sons), 2004, pp. 459-461.

“Insurance Regulation in the United States,” in J. Lemaire, ed., *Insurance Regulation in Europe and the United States* (Philadelphia, PA: S.S. Huebner Foundation Monograph Series), 1997.

PUBLICATIONS IN REFEREED JOURNALS

Subramanian, K., “Bonus-Malus Systems in a Competitive Environment,” Discussion of “Bonus-Malus Systems: The European and Asian Approach to Merit Rating,” *North American Actuarial Journal* 2 (1998): 38-44.

Subramanian, K., J. Lemaire, J. Hershey, M. Pauly, K. Armstrong, and D.A. Asch, “Estimating Adverse Selection Costs from Genetic Testing for Breast and Ovarian Cancer: The Case of Life Insurance,” *Journal of Risk and Insurance* 66 (1999): 531-550.

Lemaire, J., K. Subramanian, K. Armstrong, and D.A. Asch, “Pricing Term Insurance in the Presence of a Family History of Breast or Ovarian Cancer,” *North American Actuarial Journal* 4 (2000): 75-87.

Viswanathan, K.S. and J.D. Cummins, “Ownership Structure Changes in the Insurance Industry: An Analysis of Demutualization,” *Journal of Risk and Insurance* 70 (2003): 401-437.

Armstrong, K., B. Weber, G. FitzGerald, J.C. Hershey, M.V. Pauly, J. Lemaire, K. Subramanian, D.A. Asch, “Life Insurance and Breast Cancer Risk Assessment: Adverse Selection, Genetic Testing Decisions, and Discrimination,” *American Journal of Medical Genetics* 120A (2003): 359-364.

Viswanathan, K.S. and J. Lemaire, “Bonus-Malus Systems in a Deregulated Environment: Forecasting Market Shares Using Diffusion Models,” *ASTIN Bulletin* 35 (2005): 299-319.

Venezian, E.C., K.S. Viswanathan and I.B. Juca, “A “Square-Root Rule” for Reinsurance? Evidence from Several National Markets,” *Journal of Risk Finance* 6 (2005): 319-334.

- Viswanathan, K.S., "The Pricing of Insurer Demutualization Initial Public Offerings," *Journal of Risk and Insurance*, 73 (2006): 439-468.
- Viswanathan, K.S., J. Lemaire, K. Withers, K. Armstrong, A. Baumritter, J. Hershey, M. Pauly, and D.A. Asch, "Adverse Selection in Life Insurance Purchasing, due to the BRCA 1/2 Genetic Test and Elastic Demand," *Journal of Risk and Insurance*, 74 (2007): 65-86.
- Chen, H., J.D. Cummins, K.S. Viswanathan and M.A. Weiss, "Systemic Risk and the Inter-Connectedness between the Banks and Insurers: An Econometric Analysis," *Journal of Risk and Insurance*, forthcoming.
- Blau, G., D. Tatum, C. Goldberg, K.S. Viswanathan, S. Karnik, and W. Aaronson, "Psychiatric Rehabilitation Practitioner Perceptions of Frequency and Important of Performance Domain Scales," *Psychiatric Rehabilitation Journal*, forthcoming.
- Blau, G, M. Bentley, J. Eggerichs, S. Chapman, and K.S. Viswanathan, "Are There Differences between Male and Female EMS Professionals on Emotional Labor," *Journal of Behavioral Health*, forthcoming.
- Blau, G., C. Snell, D. Campbell, K. Viswanathan, W/ Aaronson, and S. Karnik, "Correlates of Undergraduate Professional Development Engagement," *Journal of Assessment & Institutional Review*, forthcoming.

WORKING PAPERS

- Chen, H., J.D. Cummins, K.S. Viswanathan and M.A. Weiss, "Systemic Risk Measures in the Insurance Industry: A Copula Approach," 2014.
- Eckles, D., M. Halek, K.S. Viswanathan, and R. Zhang, "Earnings Management surrounding Demutualization: An Examination of Insiders' Incentives," 2014.
- Eckles, D., M. Halek, K.S. Viswanathan, and R. Zhang, "The Impact of Ratings on Insurer Seasoned Equity Offerings," 2014.
- Khovidkunkit, P., K.S. Viswanathan and M.A. Weiss, "Price and Income Elasticities of Demand for U.S. Automobile Insurance: An Empirical Analysis," 2014.
- K.S. Viswanathan, "The Impact of an Apology: Sorry vs. Regret", 2014.

BOOK REVIEW

- "Anger in the Workplace," by Seth Allcorn, *Journal of Risk and Insurance* 65 (1998): 348-349.

NEWSLETTERS

- "Analyzing the Genetic Code," *ARIA News*, American Risk and Insurance Association, October 2000.
- "Genetic Testing for Breast and Ovarian Cancer: Implications for Life Insurance," (with J. Lemaire and D.A. Asch) *LDI Issue Brief*, Leonard Davis Institute for Health Economics, University of Pennsylvania, March 2000.

GRANTS

2013 - Present

Society of Actuaries
"Actuarial and Econometric Analyses of Systemic Risk in the Insurance Industry"

2000 – 2004

National Cancer Institute, National Institutes of Health
"Genetic Testing and the Economics of Life Insurance"

PRESENTATIONS

January 2014

"Systemic Risk Measures in the Insurance Industry: A Copula Approach"
Western Risk and Insurance Association Meeting; Napa, CA

August 2013

"Systemic Risk Measures in the Insurance Industry: A Copula Approach"
American Risk and Insurance Association Meeting; Washington, DC

June 2013

"Actuarial and Econometric Analyses of Systemic Risk in the Insurance Industry"
Society of Actuaries CAE Faculty Conference; Chicago, IL

August 2012

"Earnings Management surrounding Demutualization: An Examination of Insiders' Incentives"
American Risk and Insurance Association Meeting; Minneapolis, MN

December 2011

"Systemic Risk and the Inter-Connectedness between the Banks and Insurers: An Econometric Analysis"
Convergence, Interconnectedness and Crises: Insurance and Banking
Philadelphia, PA

August 2011

"An Examination of the Gains from Insurer Equity Carveouts"
American Risk and Insurance Association Meeting; San Diego, CA

August 2007

"The Wealth Effects of Insurance Company Carveouts"
American Risk and Insurance Association Meeting; Washington, DC

April 2006

"Adverse Selection Costs from Genetic Testing"
School of Risk Management
St. John's University; New York, NY
Invited

January 2006

"Estimating the Demand for Automobile Insurance"
Western Risk and Insurance Association Meeting; Santa Barbara, CA

March 2005

"The Pricing of Insurer Demutualization Initial Public Offerings"
Insurance and Risk Management Department
The Wharton School of the University of Pennsylvania; Philadelphia, PA
Invited

January 2005

"The Pricing of Insurer Demutualization Initial Public Offerings"
Western Risk and Insurance Association Meeting; Monterey, CA

November 2004	“Underpricing in Insurer Demutualization Initial Public Offerings” Southern Risk and Insurance Association Meeting; Charleston, SC
November 2004	“The Pricing of Insurer Demutualization Initial Public Offerings” Department of Risk, Insurance and Healthcare Management Temple University; Philadelphia, PA
December 2003	“Adverse Selection in Life Insurance Purchasing, due to the BRCA 1/2 Genetic Test and Elastic Demand” Actuarial Science, Risk Management and Insurance Department University of Wisconsin; Madison, WI <i>Invited</i>
August 2003	“Adverse Selection in Life Insurance Purchasing, due to the BRCA 1/2 Genetic Test and Elastic Demand” American Risk and Insurance Association Meeting; Denver, CO
August 2003	“Adverse Selection in Life Insurance Purchasing, due to the BRCA 1/2 Genetic Test and Elastic Demand” 38 th Actuarial Research Conference; Ann Arbor, MI
December 2001	“Ownership Structure Changes in the Insurance Industry” Australasian Finance and Banking Conference; Sydney, Australia
July 2001	“Ownership Structure Changes in the Insurance Industry” Asia-Pacific Risk and Insurance Association Meeting; Bangalore, India
March 2001	“Ownership Structure Changes in the Insurance Industry” University of Laval; Quebec, Canada <i>Invited</i>
October 2000	“Modeling Hereditary Breast Cancer” Society of Actuaries Annual Meeting; Chicago, IL
August 2000	“An Economic Analysis of Demutualization in the Insurance Industry” American Risk and Insurance Association Meeting; Baltimore, MD
March 2000	“Automobile Insurance Rating in the United States” Eliahu Insurance Company Seminar; New York, NY
August 1999	“An Economic Analysis of Demutualization in the Insurance Industry” “Estimating Adverse Selection Costs from Genetic Testing” American Risk and Insurance Association Meeting; Vancouver, BC
March 1999	“Estimating Adverse Selection Costs from Genetic Testing” Insurance and Risk Management Department The Wharton School of the University of Pennsylvania; Philadelphia, PA
March 1999	“Estimating Adverse Selection Costs from Genetic Testing” Department of Risk, Insurance and Healthcare Management Temple University; Philadelphia, PA

- February 1999 “Estimating Adverse Selection Costs from Genetic Testing”
Department of Economics, Finance, Insurance and Real Estate
University of Hartford; Hartford, CT
- November 1998 “An Analysis of the Securitization of Catastrophic Risk”
Southern Risk and Insurance Association Meeting; Williamsburg, VA

SERVICE ACTIVITIES

RISK, INSURANCE AND HEALTHCARE MANAGEMENT DEPARTMENT ACTIVITIES

- 2001 - Present Coordinator, Actuarial Science program activities including "Actuarial
Science Majors" Blackboard course, new student orientations
and CAE accreditation applications
- 2011 - 2012 *Member*, RIHM Department Promotion and Tenure Committee
- 2003 – 2007 *Co-organizer*, Annual Actuarial Science Math Competition for High
School Students
- 2000 – 2006 *Coordinator*, RIHM Scholarship Committee

DISSERTATION COMMITTEES

Completed:

- Al-Amri, Khalid, "Essays on Organizational Form and Efficiency in the Takaful Insurance Industry," Fox School of Business and Management, Temple University, August 2013.
- Gao, Siwei, "Essays on Risk Finance and Incentive Contracting," Fox School of Business and Management, Temple University, August 2013.
- Tan, Christine, "The Impact of Catastrophes on U.S. Property-Liability Insurer Stock Prices," Undergraduate Alter Research Scholar, Fox School of Business and Management, Temple University, May 2010.
- Chapman, Zaneta, “Risk, Return and Credit” Fox School of Business and Management, Temple University, 2010.
- Park, Youngkyun, "Essays on Retirement Plans and Fund Commonalities within Mutual Fund Families" Fox School of Business and Management, Temple University, 2009.
- Shen, Zhan, “Game-Theoretic Applications in Insurance Economics,” Fox School of Business and Management, Temple University, 2008.
- Juca, Iana, “Some Analytic Results of Insurance Regulation,” Fox School of Business and Management, Temple University, 2006.
- Khovidkunkit, Deedee, “Demand for Automobile Insurance in the United States,” Fox School of Business and Management, Temple University, 2005.
- Lee, Sukho, “Predicting Insolvencies of Property-Liability Insurers Using DEA Efficiency Measures,” Fox School of Business and Management, Temple University, 2004.

Ren, Jiandong, "Towards a Comprehensive Model of Insurer Net Worth Process," Fox School of Business and Management, Temple University, 2003.

Choi, Byeongyong, "An Empirical Investigation of Market Structure and Performance in Property-Liability Insurance Using a Direct Measure of Efficiency," Fox School of Business and Management, Temple University, 2002.

FOX SCHOOL ACTIVITIES

2012 - Present	<i>Member and Chair (2012 - 2013), Merit Committee</i>
2012 - Present	<i>Member, MS/PhD Assurance of Learning/Assessment Committee, with focus on the MS in Actuarial Science Program.</i>
2011 - Present	<i>Mentor to 3 Junior Faculty</i>
2009 - Present	<i>Faculty Fellow, Fox Honors Faculty Committee</i>
2014	<i>Member, NTT Promotions Committee</i>
January 2013 - July 2013	<i>Member, Scientific Committee and Organizing Committee, 2013 Actuarial Research Conference</i>
2012 - 2013	<i>iPad Honors Initiative Working Group</i>
2012 - 2013	<i>Member, Masters' Program Committee</i>
2011 - 2012	<i>Chair, Collegial Assembly of the Fox School of Business and Management</i>
2010 - 2011	<i>Chair-Elect, Collegial Assembly of the Fox School of Business and Management</i>
2009 - 2011	<i>Merit Committee Member, Collegial Assembly of the Fox School of Business and Management</i>
2002 - 2010	<i>Faculty Mentor, Research Scholars Program</i>
2008	<i>Member, Internal Review Task Force</i>
2004 - 2007	<i>Faculty Senate Representative, Collegial Assembly of the Fox School of Business and Management</i>
2000, 2002, 2003, 2005	<i>Instructor, Summer Business Leadership Academy</i>
2001 - 2002	<i>Secretary, Collegial Assembly of the Fox School of Business and Management</i>
2000	<i>Judge, Sixth Annual Business Policies Case Competition</i>

TEMPLE UNIVERSITY ACTIVITIES

Fall 2010 - Present	<i>Faculty Mentor, Diamond and Fox Peer Teaching Program</i>
2010 - 2013	<i>Member, Faculty Senate Library Committee</i> <i>Previous term 2001 - 2007, Chair 2003 - 2007</i>
2010 - 2011	<i>Member, Textbook Action Committee, Teaching, Learning and Technology Roundtable</i>
2008	<i>Member, Joint Committee on Faculty-Administration Communication</i>
2006	<i>Member, Search Committee for Associate University Librarian for Research and Instruction</i>
2002 - 2006	<i>Committee Member, Temple University League for Entrepreneurial Women</i>

PROFESSIONAL ACTIVITIES

2012 - Present	<i>Associate Editor, Journal of Insurance Issues</i>
Spring 2013, 2014	<i>Chair, Hagen Family Foundation Travel Award Committee, ARIA</i>
Spring 2012, 2014	<i>Program Committee, American Risk and Insurance Association Annual Conference</i>

Spring 2012	ARIA Excellence in Teaching Award Committee
Spring 2012	Editor Search Committee, <i>Journal of Risk and Insurance</i>
Spring 2012	Judge, CPCU Society Student Research Award
Spring 2011	Program Committee and Hagen Travel Grant Committee, 2011 American Risk and Insurance Association Annual Conference
Spring 2011	Best Perspectives Paper Committee, <i>Risk Management and Insurance Review</i>
1999 – 2010	Supervisor, Society of Actuaries Exams
2006	Judge, Geneva Association Ernst Meyer Prize
2006	Program Committee and Kulp-Wright Book Award Committee, 2006 American Risk and Insurance Association Annual Conference
2004	Program Committee, 2004 American Risk and Insurance Association Annual Conference
2002	Program Committee, 2002 American Risk and Insurance Association Annual Conference
2000 – 2001	Nominations Committee, American Risk and Insurance Association

REVIEWER

Journal of Risk and Insurance, Risk Analysis, Risk Management & Insurance Review, Journal of Risk Finance, Journal of Insurance Issues, Journal of Economics and Business, Scandinavian Actuarial Journal, Economics of Governance, Geneva Risk and Insurance Review, International Journal of Health Care Finance and Economics, International Journal of Economics and Management Sciences.

MEDIA ARTICLES

Interviewed for:

Levinson, A., “Insurers Go Public,” *Strategic Finance*, July 2000: 68-73.

Cybulski, M., “Structurally Sound: How the Structure of Your Insurance Company Affects You,”
www.insure.com, November 2000.

Research cited in:

Altman, D., Special Report, *Prospect*, March 22, 2001.

Bell, A., “Actuaries Quantify Effects of a Genetic Test,” *National Underwriter Life & Health*, March 20,
2000: 42.