



**2020**

***Western Risk &  
Insurance Association***

***54<sup>th</sup> Annual Meeting***

**January 2-5, 2020**

**Sheraton Baganvillas  
Puerto Vallarta, Jalisco, Mexico**

**WRIA  
55<sup>th</sup> Annual Meeting  
January 6-9, 2021\*  
Hawaii**

Dates and site to be confirmed at  
Business Luncheon

## WRIA OFFICERS

*(outgoing)*

<b>President</b>	Martin Halek <i>University of Calgary</i>
<b>President-Elect</b>	David L. Eckles <i>University of Georgia</i>
<b>Secretary/Treasurer</b>	James Jones <i>Illinois State University</i>
<b>Program Chair</b>	James Hilliard <i>Temple University</i>
<b>Past President</b>	Jacqueline Volkman-Wise <i>Temple University</i>

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*(incoming)*

<b>President</b>	David Eckles <i>University of Georgia</i>
<b>President-Elect</b>	James Jones <i>Illinois State University</i>
<b>Secretary/Treasurer</b>	Tice Sirmans <i>Illinois State University</i>
<b>Program Chair</b>	James Hilliard <i>Temple University</i>
<b>Past President</b>	Martin Halek <i>University of Calgary</i>

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**Editor: The Journal of Insurance Issues** Yu-Luen Ma, *University of North Texas*  
Nat Pope, *University of North Texas*

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### **Editors of the *Journal of Insurance Issues*** (by initial masthead appearance)

v.40, No. 2	Yu-Luen Ma, <i>University of North Texas (Co-Editor)</i> Nat Pope, <i>University of North Texas (Co-Editor)</i>
v.34, No. 2	James Barrese, <i>St. John's University</i>
v.28, No. 2	William L. Ferguson, <i>University of Louisiana, Lafayette</i>
v.24, No. 1	James M. Carson, <i>Illinois State University</i>
v.18, No. 2	Joseph J. Launie, <i>California State University, Northridge</i>
v.17, No. 1	Donald W. Hardigree, <i>University of Nevada, Las Vegas*</i>
v.14, No. 1**	Robert A. Hershberger, <i>Mississippi State University</i>
v.3, No. 3	Fikry S. Gahin, <i>University of Utah</i>
v.2, No. 2	John J. O'Connell, <i>Arizona State University</i>
v.1, No. 1	Lester I. Tenney, <i>Arizona State University</i>

Notes: \* Interim; \*\* Name changed from *Journal of Insurance Issues and Practices*

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[www.insuranceissues.org](http://www.insuranceissues.org)

Year	President - University Affiliation in Office	Annual Meeting (Site)
1979	Thomas W. Spear – University of Nevada, Las Vegas	Lake Tahoe, NV (Sahara -Tahoe Hotel) <sup>1</sup>
1977-78	Thomas L. Heflin – California State U, Sacramento	Las Vegas, NV (Frontier Hotel)
1976-77	Lester I. Tenney – Arizona State University	Las Vegas, NV (Frontier Hotel) <sup>2</sup>
1975-76	Oscar N. Serbein – Stanford University	San Francisco, CA (Mark Hopkins Hotel)
1974-75	Lester B. Strickler – Oregon State University	Las Vegas, NV (Frontier Hotel) <sup>3</sup>
1973-74	J. Howard Widdowson – Portland State University	----- no annual meeting held in 1973 -----
1972-73	J. Howard Widdowson – Portland State University	Santa Clara, CA (University of Santa Clara)
1971-72	Jonas E. Mittleman – San Francisco State University	San Francisco, CA (Hilton Hotel) <sup>3</sup>
1970-71	Joseph J. Launie – California State U, Northridge	Las Vegas, NV (Frontier Hotel)
1969-70	Alfred E. Hofflander – Univ. California, Los Angeles	Long Beach, CA (California State U, Long Beach)
1968-69	Nester R. Roos – University of Arizona	Corvallis, OR (Oregon State University)
1967-68	Oscar N. Serbein – Stanford University	Boulder, CO (University of Colorado)
1966-67	Robert C. Goshay – University of California, Berkeley	Berkeley, CA (UC, Berkeley) <sup>4</sup>
1965-66	Irving Pfeffer – University of California, Los Angeles	San Francisco, CA (Jack Tar Hotel) <sup>5</sup>

**NOTES** 1 = annual meeting moved from December to current practice of being held in January; with associated calendar year officer/board terms.

2 = first independent meeting: December 28-30, 1976; *JIIIP* authorized by unanimous vote (v. 1 #1: March, 1977 -- renamed *JII*, v. 14 #1: Spring, 1991); prior meetings each August in conjunction with another group (e.g., WEA, WFA, ARIA), academic year officers/boards.

3 = annual meeting actually held in June (joint meetings with III); current WRIA name adopted: June 10, 1974.

4 = first official annual meeting: August 26, 1966; name had been simplified to the Western Association of Insurance Professors (WAIP).

5 = Western Association of University Professors of Insurance (WAUPI), organizational meeting and officer election: August 24, 1965.

## 2020 WRIA SPONSORS

54<sup>th</sup> Annual Meeting

*Sheraton Buganvillas — Puerto Vallarta, Jalisco, Mexico*

*The Board of Directors, Officers, and Members of WRIA express their deepest gratitude to the following sponsors:*

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University of Calgary
University of Georgia
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University of Connecticut

<b>2019</b>	<i>TBA</i>
<b>2018</b>	<i>What Factors Portend Changes in Household Relative Risk Aversion?</i> Carson, Dumm, Halek, and Liebenberg
<b>2017</b>	<i>The Influence of Tort Reform on Auto Liability Losses and Premiums</i> Born
<b>2016</b>	<i>Advertising Effectiveness for Financial Service Firms: Evidence from the Life Insurance Industry</i> Fier and Pooser
<b>2015</b>	<i>Is the Risk-based Mechanism Always Better? The Risk-Shifting Behavior of Insurers under Different Guarantee Schemes</i> Dong, Gründl, and Schlütter
<b>2016</b>	<i>An Examination of the Relative Efficiency of Fraternal Insurers</i> Chen and McNamara
<b>2013</b>	<i>Market Reaction to Potential Federal Regulation of the Insurance Industry</i> Fier and Liebenberg
<b>2012</b>	<i>Exploring the Role of Psuedodeductibles in Auto Insurance Claims Reporting</i> Kerr
<b>2011</b>	<i>Macroeconomic Influences on Social Security Disability Insurance Application Rates</i> Kerr and Smoluk
<b>2010</b>	<i>Influences of Organizational Structure and Diversification on Medical Malpractice Insurer Performance</i> Lei and Schmit
<b>2009</b>	<i>Capital Market Risk Implications of Governance and Disclosure for the Insurance Industry: The Case of Sarbanes-Oxley</i> Akhigbe, Martin and Whyte
<b>2008</b>	<i>The Impact of Cash Flow Volatility on Systematic Risk</i> Scordis, Barrese, and Wang
<b>2007</b>	<i>A Behavioral Model of Insurance Pricing</i> Ligon and Thistle
<b>2006</b>	<i>The Distribution of Property/Liability Insurance in Canada: Costs and Market Structure</i> Kelly and Kleffner
<b>2005</b>	<i>Firm-Level Data Analysis of the Effects of Net Investment Income on Underwriting Cycles: An Application of Simultaneous Equations</i> Wen and Born
<b>2004</b>	<i>Capacity Constraints and IPO Underpricing in the Property and Liability Insurance Industry</i> Yu, Lin, Wang, and Feldhaus
<b>2003</b>	<i>Is Life Insurance a Human Capital Derivatives Business?</i> Ostaszewski
<b>2002</b>	<i>Large Losses and Firm Value: Investor Response and Managerial Decisions</i> Lai, McNamara, and Oppenheimer
<b>2001</b>	<i>A Comparison of Large Firm Dominance in Property and Liability Insurance with Major Industries</i> Nissan and Caveny
<b>2000</b>	<i>Measuring the Value of an Exposure: A Capital Budgeting Approach</i> Aiuppa and Graham
<b>2001</b>	<i>Using Catastrophe-Linked Securities to Diversify Insurance Risk: A Financial Analysis of Cat Bonds</i> Loubergé, Kellezi, and Gilli
<b>1998</b>	<i>Changes in Ownership Structure: Theory and Evidence from Life Insurer Demutualizations</i> Carson, Forster, and McNamara
<b>1997</b>	<i>Life Insurer Risk Characteristics and the Rating Process</i> Pottier
<b>1996</b>	<i>Solvency Regulation Through Risk-Based Capital and Risk-Based Guaranty Fund Premiums: An Analysis of Incentive Effects</i> Sommer
<b>1991</b>	<i>The Role of State Guaranty Funds in the Property Casualty Insurance Industry</i> Power, Shows, and Meyer
<b>1990</b>	<i>The Insurer Selection Process by Independent Insurance Agents</i> Hardigree and Howe
<b>1989</b>	<i>Hedging a Credited Rate for a Universal Life Policy</i> Hoyt

<b>Year</b>	<b>President - University Affiliation in Office</b>	<b>Annual Meeting (Site)</b>
1998	William J. Warfel – Indiana State University	Kaanapali Beach, Maui, HI (Westin Maui)
1997	Michael J. McNamara – University of Memphis	Santa Barbara, CA (Fess Parker’s Red Lion)
1996	Donald W. Hardigree – University of Nevada, Las Vegas	Monterey, CA (Monterey Plaza Hotel)
1995	Hamdi Bilici – California State University, Long Beach	Las Vegas, NV (Treasure Island Resort)
1994	Barry B. Schweig – Creighton University	Honolulu, HI (Ilikai Hotel)
1993	Robert A. Hershbarger – Mississippi State University	Newport Beach, CA (Sheraton-Newport)
1992	Milton E. Smith – Brigham Young University	Phoenix, AZ (Hilton Suites Hotel)
1991	Sandra G. Gustavson – University of Georgia	Las Vegas, NV (Alexis Park Resort)
1990	Jerry L. Jorgensen – University of Utah	Honolulu, HI (Ilikai Hotel)
1989	Iskandar S. Hamwi – University of Southern Mississippi	San Diego, CA (Omni Hotel)
1988	Patricia A. Strong – California State Univ., Sacramento	San Francisco, CA (Sheraton Fisherman’s Wharf)
1987	Mark L. Cross – University of North Texas	San Antonio, TX (Hilton Palacio del Rio)
1986	Kenneth L. Pacholke – Calif. State Univ., Sacramento	Las Vegas, NV (Holiday Inn Casino)
1985	August Ralston – Iowa State University	Reno, NV (MGM Grand Hotel)
1984	John H. Thornton – University of North Texas	Newport Beach, CA (Sheraton-Newport)
1983	Norma L. Nielson – University of Southern California	Newport Beach, CA (Sheraton-Newport)
1982	Jerry D. Todd – St. Mary’s University, San Antonio	Scottsdale, AZ (Inn Suites Hotel)
1981	Frank W. Taylor – California State University, Fullerton	San Diego, CA (Hotel del Coronado)
1980	Fikry S. Gahin - University of Utah	San Diego, CA (Hotel del Coronado)

## Western Risk & Insurance Association

### *A Look Back*

Year	President - University Affiliation in Office	Annual Meeting (Site)
2020	David L. Eckles – University of Georgia	Puerto Vallarta, Mexico (Sheraton Baganvilias)
2019	Martin Halek – University of Calgary	Monterey, CA (Portola Inn & Spa)
2018	Jacqueline Volkman-Wise – Temple University	Las Vegas, NV (Caesars Palace)
2017	Charles Nyce – Florida State University	Santa Barbara, CA (Fess Parker’s Doubletree)
2016	William L. Ferguson – University of Louisiana, Lafayette	Maui, HI (Wailea Beach Marriott Resort & Spa)
2015	Thomas Berry-Stölzle – University of Iowa	Scottsdale, AZ (DoubleTree Paradise Valley)
2014	Peggy Hedges – University of Calgary	Napa, CA (Napa River Inn)
2013	Karen Epermanis - Appalachian State University	Las Vegas, NV (Caesars Palace)
2012	Brenda Wells - East Carolina University	Kona, HI (Sheraton Keauhou Bay Resort)
2011	Paul Thistle - University of Nevada, Las Vegas	Santa Barbara, CA (Fess Parker’s Doubletree)
2010	Ryan B. Lee - University of Calgary	Napa, CA (Napa River Inn)
2009	L. Lee Colquitt - Auburn University	Las Vegas, NV (Flamingo Las Vegas)
2008	David T. Russell - California State University, Northridge	Kauai, HI (Sheraton Kauai Resort)
2007	Patricia Born - California State University, Northridge	San Diego, CA (Westin Horton Plaza)
2006	Randy Dumm - Florida State University	Santa Barbara, CA (Fess Parker’s Doubletree)
2005	William Feldhaus - Georgia State University	Monterey, CA (Monterey Plaza Hotel)
2004	Anne Kleffner - University of Calgary	Las Vegas, NV (Flamingo Las Vegas)
2003	Gene Lai - Washington State University	Maui, HI (Maui Prince)
2002	William L. Ferguson – University of Louisiana, Lafayette	San Diego, CA (Hilton San Diego Resort)
2001	Beverly J. Frickel – University of Nebraska, Kearney	Santa Barbara, CA (Fess Parker’s Doubletree)
2000	James M Carson – Illinois State University	Monterey, CA (Monterey Plaza Hotel & Spa)
1999	Mark S. Dorfman – Univ. of North Carolina, Charlotte	Las Vegas, NV (Monte Carlo Hotel)

## THURSDAY, JANUARY 2

### Welcome

REGISTRATION

2:00-5:00 P.M.

#### Lobby area

WELCOME RECEPTION

5:00-7:00 P.M.

#### Carreta Garden; Beachside

Open bar; hors d’oeuvres

BOARD MEETING

7:00-9:00 P.M.

#### Cattleya Room

## FRIDAY, JANUARY 3

### Sessions

BREAKFAST

7:00-8:00 A.M.

#### La Villita Terrace

ERM

8:15-9:45 A.M.

#### Amapola Room

#### Moderator: David Eckles

1. The Impact of Enterprise Risk Management on Firm Risks  
David Eckles, University of Georgia; Robert E. Hoyt, University of Georgia; Jiyeon Yun, California State University, Northridge
2. Enterprise Risk Management and Financial Misconduct  
Evan M. Eastman, Florida State University; Chan Li, University of Kansas; Lili Sun, University of North Texas; Xianren Xu, University of North Texas
3. Captive Insurance, Income Stability, and Firm Performance: Evidence from S&P Europe 350 Companies  
Mu-Sheng Chang, California State, Northridge; Jiun-Lin Chen, Valpraiso University; Harold Weston, Georgia State University

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# FRIDAY, JANUARY 3

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## Sessions

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COFFEE BREAK 9:45-10:00 A.M.

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INSURER OPERATIONS 10:00-11:30 A.M.

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**Amapola Room**

**Moderator: Rajeev Goel**

1. Market Discipline and Internal Capital Transfers: How do Financial Groups Reallocate Capital When Their Financial Health Deteriorates?  
David L. Eckles, University of Georgia; Martin Halek, University of Calgary; Anastasia Ivantsova, University of Calgary; J. Tyler Leverty, University of Wisconsin — Madison
  2. Female Leaders in Top Management Teams (TMT) in the P&L Sector  
B. Elango, Illinois State University and James Jones, Illinois State University
  3. Sustainability Risk in Insurance Companies – Regulatory Developments, Scenario Approaches and Stress Testing  
Mirko Kraft, Coburg University; Laura Schillig, Coburg University; Christoph Schwarzbach, Hanover University
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COFFEE BREAK 11:30-11:45 A.M.

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BEHAVIORAL INSURANCE 11:45 A.M.-1:15 P.M.

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**Amapola Room**

**Moderator: Nat Pope**

1. Loss Aversion, Probability Weighting, and the Demand for Insurance  
David L. Eckles, University of Georgia and Jacqueline Volkman-Wise, Temple University
2. Fraud Management, Culture, and Religion: Evidence from Takaful Versus Conventional Healthcare Insurance  
Jordan Al-Zu'Bi, University of Queensland; Kevin Tan, University of Queensland; Lorilee Medders, Appalachian State University
3. Lending as Recovery Policy: Evidence from Household Applications to the U.S. Federal Disaster Loan Program  
Benjamin L. Collier, Temple University and Cameron M. Ellis, Temple University

## WELCOME RECEPTION

Welcome Reception

Thursday, January 2

Caretta Gardens

Sponsored by Temple University

## BUSINESS LUNCHEON

Business Luncheon

Friday, January 3

Cattleya Room

Sponsored by East Carolina University

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# SUNDAY, JANUARY 5

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## Sessions

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BREAKFAST 7:00-8:00 A.M.

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La Villita Terrace

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HEALTH INSURANCE 8:15-10:15 A.M.

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**Amapola Room**

**Moderator: Tice Sirmans**

1. Health Insurer Use of Quality Expenses to Achieve a Minimum Medical Loss Ratio Requirement  
Patricia A. Born, Florida State University; E. Tice Sirmans, Illinois State University; Petra Steinorth, University of Hamburg
  2. Health Insurance Exchange and Health Information Exchange – Sustainable or Untenable?  
L. Philip Caillouet, University of Louisiana, Lafayette and William L. Ferguson, University of Louisiana, Lafayette
  3. Optimism Bias and the Demand for Health Insurance  
David L. Dicks, Baylor University; James R. Garven, Baylor University; James I. Hilliard, Temple University
  4. Spillover Effects of Medicaid Expansion on Private Premiums: Evidence from Cost-Sharing Subsidy Thresholds  
Cameron M. Ellis, Temple University; Meghan I. Esson, Bentley University; Joshua D. Frederick, University of Georgia; Eli Liebman, University of Georgia
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COFFEE BREAK 10:15-10:30 A.M.

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FINANCIAL DISTRESS 10:30-11:30 A.M.

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**Amapola Room**

**Moderator: Bill Ferguson**

1. Why Insurers Fail – Exploring the Case for Expanding Canada's P&C Resolution Toolkit  
Grant Kelly, PACICC
  2. Basis Risk with Nonlinear Relationship in Agricultural Index Insurance  
Askar Choudhury, Illinois State University and James R. Jones, Illinois State University
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CONFERENCE CONCLUDES 11:30 A.M.

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# FRIDAY, JANUARY 3

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## Business Luncheon

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BUSINESS LUNCHEON 1:15 P.M.-2:30 P.M.

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Cattleya Room

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# SATURDAY, JANUARY 4

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## Sessions

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BREAKFAST 7:00-8:00 A.M.

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La Villita Terrace

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EMERGING ISSUES: TECHNOLOGY 8:15-9:45 A.M.

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**Amapola Room**

**Moderator: Evan Eastman**

1. Social Media as Factor in Personal Injury Underwriting: Risk, Rate and Regulation  
Brenda Wells, East Carolina University and Harold Weston, Georgia State University
  2. Artificial Intelligence: What Is It, What Are Its Components, and What Are Its Implications for the Insurance Industry?  
Arnold Shapiro, Pennsylvania State University
  3. InsurTech: A Snapshot in Time  
Faith Neale, University of North Carolina, Charlotte; Theodoros Konstanopoulos, Ally Bank; Pamela Peterson Drake, James Madison University
  4. Digital Transformation in the Financial Service Sector: Evidence from the German Market  
Oliver Werth, Leibniz Universitaet Hannover; Christoph Schwarzbach, Leibniz Universitaet Hannover; Davinia Rodríguez Cardona, Leibniz Univeritaet Hannover; Michael Breitner, Leibniz Univeritaet Hannover; J.-M. Graf von der Schulenburg, Leibniz Univeritaet Hannover
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COFFEE BREAK 9:45-10:00 A.M.

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# SATURDAY, JANUARY 4

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## Concurrent Sessions

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**CURRICULUM AND PROFESSIONAL DEVELOPMENT** 10:00-11:30 A.M.

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**Amapola Room**

**Moderator: Brenda Wells**

1. Opening the Black Box: Teaching the Mechanics of Monte Carlo Simulation Through Value at Risk  
James I. Hilliard, Temple University and Joseph S. Ruhland, Georgia Southern University
2. A Classroom Experiment on the ACA Individual Mandate and Health Insurance Market Performance  
William A. Pace, University of Connecticut
3. Experiential Learning in RMI Programs Improves Knowledge and Promotes Affinity for RMI Careers  
Cynthia A. Baroway, University of Colorado Denver

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**LIFE INSURANCE AND ANNUITIES** 10:00-11:30 A.M.

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**Ceiba Room**

**Moderator: Cameron Ellis**

1. A Value-based Longevity Index for Hedging Retirement Income Portfolios  
Kevin Krahe, Global Institute of Finance; Michael Sherris, University of New South Wales; Andrés M. Villegas, University of New South Wales; Jonathan Ziveyi, University of New South Wales
2. Optimal Asset Allocation Considering Life Settlements in the Presence of Longevity Risk  
Sharon S. Yang, National Central University and Yu-Yun Yeh, National Central University
3. A Managed Volatility Investment Strategy for Pooled Annuity Products  
Shuanglan Li, University of New South Wales; Héloïse Labit Hardy, University of New South Wales; Michael Sherris, University of New South Wales; Andrés M. Villegas, University of New South Wales

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**COFFEE BREAK** 11:30-11:45 A.M.

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# SATURDAY, JANUARY 4

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## Concurrent Sessions

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**PROGRAM DEVELOPMENT** 11:45 A.M.-1:15 P.M.

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**Amapola Room**

**Moderator: Faith Neale**

1. But That Isn't Part of My Job...  
Brenda Wells, East Carolina University
2. Creating a Badge Program for Risk Management and Insurance  
James R. Jones, Illinois State University
3. Model of Higher Education/Industry Engagement for Enhancing Employability and Professional Practice of Risk Management and Insurance (RMI) Students  
Deborah A. Babcock, Illinois State University
4. Facilitating Student-Industry Engagement in RMI Programs Provides Greater Student Involvement and Purposeful Job Searches for Graduates  
Cynthia A. Baroway, University of Colorado Denver

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**INSURANCE ECONOMICS** 11:45 A.M.-1:15 P.M.

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**Ceiba Room**

**Moderator: Martin Halek**

1. Sim Racing and Risk Aversion  
James I. Hilliard, Temple University and David M. Weber, Northern Arizona University
2. Asymmetric Information, Religion, and Culture: Evidence from Takaful "Islamic" Health Insurance  
Jordan Al-Zu'Bi, University of Queensland; Kevin Tan, University of Queensland; Lorilee Medders, Appalachian State University; Fredrick Bedsworth, Miami University
3. Using Innovations to Hedge Against Economic and Political Uncertainty: Evidence From a Large International Sample  
Rajeev K. Goel, Illinois State University and Michael A. Nelson, University of Akron
4. An Optimal Staking Mechanism for Decentralized Organizations  
Alexander Braun, University of St. Gallen; Niklas Häusle, University of St. Gallen; Stephan Karpischek, Etherisc Foundation