

**ROBIN L. DILLON-MERRILL**  
Robert E. McDonough School of Business  
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### **I. Current Position**

Interagency Personnel Act (IPA) Assignee, National Science Foundation  
Program Director, Humans, Disasters, and the Built Environment  
Civil, Mechanical and Manufacturing Innovation (CMMI) Division  
Engineering Directorate  
(expected length of rotation: September 2017-August 2019)

Professor, Robert E. McDonough School of Business, Georgetown University (on leave)

### **II. Education**

- 1993 M.S./B.S. with Highest Distinction, University of Virginia, Systems Engineering  
Advisor: Dr. Yacov Y. Haimes
- 1999 Ph.D., Stanford University, Industrial Engineering and Engineering Management  
Advisor: Dr. M. Elisabeth Paté-Cornell

### **III. Employment**

- 08/15 – present Professor  
Robert E. McDonough School of Business, Georgetown University  
Area Coordinator, Operations and Information Management (2015-2017)  
Co-Chair, Georgetown Environment Initiative
- 06/08 – 8/15 Associate Professor with tenure  
Robert E. McDonough School of Business, Georgetown University
- 08/01-06/08 Assistant Professor  
Robert E. McDonough School of Business, Georgetown University
- 08/99-08/01 Assistant Professor  
Pamplin College of Business, Virginia Tech
- 05/93-08/95 Systems Engineer, Fluor Daniel, Inc.

### **IV. Publications**

#### ***Refereed Journal Articles***

1. Robin L. Dillon, “The Ostrich Paradox: Why We Underprepare for Disasters” (Book Review), *Risk Analysis*, Volume 37, Issue 12, December 2017, pp. 2506-2508.
2. Peter M. Madsen, Robin L. Dillon, and Catherine H. Tinsley, “Airline Safety Improvement through Experience with Near-Misses: A Cautionary Tale”, *Risk Analysis*, Volume 36, Issue 5, May 2016, pp. 1054–1066
3. Robin L. Dillon, Catherine H. Tinsley, Peter M. Madsen, Edward W. Rogers, “Improving

- Recognition of Near-Miss Events Through Organizational Repair Of The Outcome Bias,” *Journal of Management*, Vol. 42, No. 3, March 2016, pp. 671-697.
4. Robin L. Dillon and Catherine H. Tinsley, “Near-miss events, risk messages, and decision making,” *Environment Systems and Decisions*, Vol. 36, No. 1, March 2016, pp. 34-44.
  5. Robin L. Dillon and Peter M. Madsen, “Faster-Better-Cheaper Projects: Too Much Risk or Over-reaction to Perceived Failure?” *IEEE Transactions on Engineering Management*, Vol. 62, No. 2, May 2015, pp. 141-149.
  6. Robin L. Dillon, Catherine H. Tinsley, and William J. Burns, “Near-Misses and Future Disaster Preparedness,” *Risk Analysis*, Vol. 34, No. 10, October 2014, pp. 1907-1922.
  7. Robin L. Dillon, Catherine H. Tinsley, and William J. Burns, “Evolving Risk Perceptions about Near-Miss Terrorist Events,” *Decision Analysis*, March 2014, Vol. 11, No. 1, pp. 27-42.
  8. Catherine H. Tinsley, Robin L. Dillon, Matthew A. Cronin, “How Near-Miss Events Amplify or Attenuate Risky Decision Making,” *Management Science*, September 2012, Vol. 58, No. 9, pp. 1596-1613.
  9. Robin L. Dillon, Genevieve Lester, Richard S. John, and Catherine H. Tinsley, “Differentiating Conflicts in Beliefs vs. Value Trade-offs in the Domestic Intelligence Policy Debate,” *Risk Analysis*, Vol. 32, No. 4, April 2012, Pages: 713–728.
  10. Catherine H. Tinsley, Robin L. Dillon, and Peter M. Madsen, “How to Avoid Catastrophe,” *Harvard Business Review*, April 2011, pp. 90-97.
  11. Robin L. Dillon, Catherine H. Tinsley, and Matthew A. Cronin, “Why Near-Miss Events Can Decrease an Individual’s Protective Response to Hurricanes,” *Risk Analysis*, Vol. 31, No. 3, March 2011, pp. 440-449 – **selected as one of six Best Papers of 2011 by the editorial staff.**
  12. Robin L. Dillon and Joseph Mazzola, “Management of Disruption Risk in Global Supply Chains,” *IBM Journal of Research and Development*, Vol. 54, No. 3, May/June 2010, pp. 10:1-10:9.
  13. Robin L. Dillon, Robert M. Liebe, and Thomas Bestafka, “Risk-Based Decision Making for Terrorism Applications,” *Risk Analysis*, Vol. 29, No. 3, March 2009, pp. 321-335.
  14. Robin L. Dillon and Robert M. Liebe, “Invited Response to Cox’s Comment: Improving Risk-Based Decision Making for Terrorism,” *Risk Analysis*, Vol. 29, No. 3, March 2009, pp. 342-343.
  15. Robin L. Dillon and Catherine H. Tinsley, “How near-misses influence decision making under risk: A missed opportunity for learning”, *Management Science*, Vol. 54, No. 8, August 2008, pp. 1425-1440.
  16. Robin L. Dillon, Gregory S. Parnell, Donald L. Buckshaw, William R. Hensley, and David J. Caswell, “Avoiding Common Pitfalls in Decision Support Frameworks for Department of Defense Analyses,” *Military Operations Research*, Vol. 13, No. 2, 2008, pp. 19-32.
  17. M. Elisabeth Paté-Cornell and Robin L. Dillon, “The Respective Roles of Risk and Decision Analyses in Decision Support,” *Decision Analysis*, Vol. 3, No. 4, December 2006, pp. 1-13.
  18. Robin L. Dillon and Catherine H. Tinsley, “Interpreting Near-Miss Events,” *Engineering Management Journal*, Vol. 17, No. 4, December 2005, pp. 25-29.
  19. Robin L. Dillon, M. Elisabeth Paté-Cornell, and Seth D. Guikema, “Optimal use of Budget Reserve to Minimize Technical and Management Failure Risks During Complex Project Development,” *IEEE Transactions on Engineering Management*, Vol. 52, No. 3, August 2005, pp. 382-395.

20. Bonnie Rubenstein Montano and Robin L. Dillon, "The Impact of Technology on Relationships within Organizations," *Journal of Information Technology and Management*, Vol. 6 No. 2/3, April 2005, pp. 227-251.
21. Robin L. Dillon and M. Elisabeth Paté-Cornell, "Including Technical and Security Risks in the Management of Information Systems: A Programmatic Risk Management Model," *Systems Engineering*, January 2005, pp. 15-28.
22. M. Elisabeth Paté-Cornell, Robin L. Dillon, and Seth D. Guikema, "On the Limitations of Redundancies in the Improvement of System Reliability: The Case of the Mars Rovers," *Risk Analysis*, Vol. 24, No. 6, December 2004, pp. 1423-1436.
23. Robin L. Dillon, M. Elisabeth Paté-Cornell, and Seth Guikema, "Programmatic Risk Analysis for Critical Engineering Systems Under Tight Resource Constraints: Applying APRAM," *Operations Research*, Vol. 51, No. 3, May/June 2003, pp. 354-370.
24. Robin L. Dillon, Richard John, and Detlof von Winterfeldt, "Assessment of Cost Uncertainties for Large Technology Projects: A Methodology and an Application," *Interfaces*, Vol. 32, No. 4, July-August, 2002, pp. 52-66.
25. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Probabilistic Risk Analysis for the NASA Space Shuttle: A Brief History and Current Work," *Reliability Engineering and System Safety*, Vol. 74, No. 3, 2001, pp. 345-352.
26. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Success Factors and Future Challenges in the Management of Faster-Better-Cheaper Space Missions," *IEEE Transactions on Engineering Management*, Vol. 48, No. 1, February 2001, pp. 25-35 – **Selected as the best paper for 2001.**
27. Robin L. Dillon and M. Elisabeth Paté-Cornell, "APRAM: an advanced programmatic risk analysis method," *International Journal of Technology, Policy, and Management*, Vol. 1, No. 1, 2001, pp.47-65.
28. Robin L. Dillon and Detlof von Winterfeldt, "An Analysis of the Implications of a Magnetic Field Threshold Limit Value on Utility Work Practices," *American Industrial Hygiene Association Journal*, Vol. 61, No. 1, Jan/Feb 2000, pp. 76-81.
29. Robin L. Dillon, Blake Johnson, and M. Elisabeth Paté-Cornell, "Risk Assessment Based on Financial Data: Stakeholders' Response to Airline Accidents," *Risk Analysis*, Vol. 19, No. 3, June 1999, pp. 473-486.
30. Robin L. Dillon and Yacov Y. Haimes, "Risk of Extreme Events via Multiobjective Decision Trees: Application to Telecommunications," *IEEE Transactions on Systems, Man, and Cybernetics*, Vol. 26, No. 2, March 1996, pp. 262-271.

#### **Other Publications**

1. Robin Dillon, Cathy Tinsley (2017). Near-Misses and Decision Making Under Uncertainty in the Context of Cybersecurity. In A. Abbas, M. Tambe (Ed.), *Improving Homeland Security Decisions*. Boston, MA: Cambridge University Press.
2. Cathy Tinsley, Nazli Turan, Laurie Weingart, Robin Dillon-Merrill (2012). "How cultural stereotyping influences international negotiation". In B. Goldman & D.L. Shapiro (Ed.), *The Psychology of Negotiations in the 21st Century Workplace* (pp. 269-292). Routledge.

3. Robin L. Dillon and Catherine H. Tinsley, "Whew That Was Close: How Near-Miss Events Bias Subsequent Decision Making Under Risk," Best Paper Proceedings of the Academy of Management Conference, Honolulu, Hawaii, August 2005.
4. Greg Parnell, Robin L. Dillon, and Terry Bresnick, "Integrating Risk Management with Homeland Security and Antiterrorism Resource Allocation Decision-Making," *The McGraw-Hill Handbook of Homeland Security*, Spring 2005.
5. Robin L. Dillon, *Instructor's Manual for Making Hard Decisions with Decision Tools* by Robert T. Clemen and Terence Reilly, Duxbury Thomson Learning, 2001.
6. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Analytical Tools for the Management of Space Missions," *ORMS Today*, Vol. 27, Number 1, February 2000, pp. 36-39.

## **V. Grants and Fellowships**

1. Principal Investigator, Department of Homeland Security/ University of Southern California's National Center for Risk and Economic Analysis of Terrorism Events (2015-2016), "Dynamic Aviation Risk Management System" Award Amount: \$83,000.
2. Principal Investigator, Department of Homeland Security and The State University of New Jersey (Rutgers) (2014-2016), "Beyond Technical Solutions to Cybersecurity Risk Management and Risk Communication," Award Amount: \$670,395, collaborative with Georgetown's Center for Business and Public Policy with co-PI Catherine Tinsley.
3. Principal Investigator, Department of Defense's Systems Engineering Research Consortium (2014-2015), "Strategic Planning and Science and Technology (S&T) Portfolio Development," Award Amount: \$174,616.
4. Principal Investigator, National Science Foundation (2013-2017), "In Hot Water and Harm's Way: Modeling to Promote Regional Resilience to Repeated Heat Waves and Hurricanes," collaborative with Johns Hopkins University (prime), Award Amount: \$300,000 with co-PIs Catherine Tinsley and Jeff Collmann.
5. Principal Investigator, National Science Foundation (2013-2017), "Exploring Expertise Creep: An examination of the factors that moderate the relationship between willingness to give advice and knowledge", with co-PI: Kurt Carlson, Award Amount: \$403,789
6. Principal Investigator, Stevens Institute of Technology in support of FAA, (Aug. 2012- Dec. 2012), "Analysis Modeling Framework for Allocation of Capabilities Across Enterprise Levels Where Implementation Is Asynchronous", Award Amount: \$48,940
7. Principal Investigator, Georgetown Environment Initiative (2014-2015), "Individual Perceptions of Climate Change, Heat Waves, and Near-Misses and the Impact on Community Resilience and Health," with co-PIs Laura Anderko and Jeff Collman, Award Amount: \$18,500
8. Principal Investigator, Department of Homeland Security/ University of Southern California's National Center for Risk and Economic Analysis of Terrorism Events (2009-2016), "Risk Perception, Risk Communication and the Near-Miss Event," Award Amount: \$478,000, with co-PIs Catherine Tinsley and Gary Shiffman
9. Co-Principal Investigator, Department of Defense (2008-2014) "Cultural Factors In Collaboration And Negotiation", with PI: Cathy Tinsley, Award Amount \$698,845
10. Principal Investigator, National Science Foundation (2006-2008) "Correctly Interpreting Near-Miss Events In Hurricanes," with co-PI: Cathy Tinsley, Award Amount \$300,000

11. Principal Investigator, NASA-United Space Research Alliance (2004-2007) “Interpreting Precursor Events: A Prescriptive Risk-Based Approach to Preventing Future Mission Catastrophes,” with co-PI Cathy Tinsley, Award Amount: \$217,822
12. Principal Investigator, Mid-America Earthquake Center, the National Science Foundation, and the University of Illinois-Urbana Champaign (2005-2008) “Risk Analysis and Perception in Earthquake Decision Making,” Award Amount: \$85,000
13. Principal Investigator, NASA-Goddard Space Flight Center, (2004-2005) “Success and Success Factors for NASA’s Goddard Space Flight Center Missions,” Award Amount: \$20,034
14. Principal Investigator, NASA-Ames Research Center, (2003-2004) “Probabilistic Risk Analysis as a Management Tool for Mission Planning,” Award Amount: \$27,806
15. Co-Principal Investigator, National Science Foundation, (2000-2003) “Programmatic Risk Analysis For Critical Engineering Systems Under Tight Resource Constraints,” with PI M. Elisabeth Paté-Cornell, Sub-Award Amount: \$55,000

## **VI. Conference Presentations**

### **Refereed Conference Manuscripts**

1. Robin L. Dillon and Kurt Carlson, “Seeking Advice from Experts: A Cautionary Tale,” IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 5-10, 2017.
2. Robin L. Dillon, David J. Oberhettinger, Edward W. Rogers, Catherine H. Tinsley, “A Different Kind of Organizational Silence: When Individuals Fail to Recognize a Problem Exists,” IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 6-11, 2016.
3. Robin L. Dillon, “New Ways to Learn from the Challenger Disaster: Almost 30 Years Later,” IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 7-14, 2015.
4. Robin L. Dillon, Catherine H. Tinsley, and Edward W. Rogers, “Using Organizational Messages to Improve the Recognition of Near-Miss Events on Projects,” IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 2-7, 2014.
5. Robin L. Dillon and Peter Madsen, “The Legacy of Faster-Better-Cheaper: Too Much Risk or Over-reaction to Perceived Failure?,” IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 2-7, 2014.
6. Robin L. Dillon, Edward W. Rogers, Peter Madsen, and Catherine H. Tinsley, “Improving the Recognition of Near-Miss Events on NASA Missions” IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 3-8, 2013.
7. Peter Madsen, Robin L. Dillon, and Catherine H. Tinsley, “The Strategy of Small and Large Losses: Organizational Learning from Near-misses and Accidents,” Academy of Management, San Antonio, August 12-15, 2011
8. Robin L. Dillon, Catherine H. Tinsley, Edward W. Rogers, “Recognizing Near-Misses to Improve Organizational Learning and Prevent Future Risk Creep”, Academy of Management Conference, August, 2009.
9. Robin L. Dillon and Joseph B. Mazzola, “Disruption-Risk Management in Global Supply Chains,” Manufacturing and Service Operations Management Conference, June 5-6, 2008.

10. Edward W. Rogers, Robin L. Dillon, and Catherine H. Tinsley, "Avoiding Common Pitfalls in Lessons Learned Processes that Support Decisions with Significant Risks," IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 5-9, 2007.
11. Robin L. Dillon, Catherine H. Tinsley, and Edward W. Rogers, "Near-Miss Evaluation Bias as an Obstacle to Organizational Learning: Lessons from NASA", Academy of Management Conference, Atlanta, GA, August 14-16, 2006.
12. Robin L. Dillon, Edward W. Rogers, and Catherine H. Tinsley, "The Near-Miss Bias in Decision Making," IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 7-9, 2006.
13. Robin L. Dillon and Catherine H. Tinsley, "Whew That Was Close: How Near-Miss Events Bias Subsequent Decision Making Under Risk," Academy of Management Proceedings, Academy of Management Conference, Honolulu, Hawaii, August 5-10, 2005 – selected for Best Paper Proceedings.
14. Robin L. Dillon, "Including Technical and Security Risks in the Development of Information Systems: A Programmatic Risk Management Model," ICIS (International Conference on Information Systems), Seattle, WA, December 14-17, 2003 – acceptance rate: 17.5%
15. Bonnie Rubenstein Montano and Robin L. Dillon, "The Impact of Technology on Relationships within Organizations," Conference on Information Systems and Technology, San Jose, CA November 16-17, 2002.
16. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Programmatic Risk Analysis to Search for Life on Mars," IEEE Aerospace Conference Proceedings, Big Sky, Montana, March 10-17, 2001.
17. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Advanced Programmatic Risk Analysis for Programs of Dependent Projects Involving Critical Systems and Unmanned Space Mission Illustration," Proceedings of the International Conference on Probabilistic Safety Assessment and Management, Osaka, Japan, November 27-December 1, 2000.
18. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Can Faster-Better-Cheaper Work? Challenges and Recommendation for the Management of Future Space Missions," Proceedings of ASME IMECE-2000, International Mechanical Engineering Congress and Exposition, Orlando, Florida, November 5-10, 2000.
19. Robin L. Dillon and M. Elisabeth Paté-Cornell, "Challenges and Recommendations for the Management of Faster-Better-Cheaper Space Missions," 8th Annual Industrial Engineering Research Conference Proceedings, Phoenix, Arizona, May 23-25, 1999.
20. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Challenges in the Management of Faster-Better-Cheaper Space Missions," IEEE Aerospace Conference Proceedings, Snowmass, Colorado, March 21-28, 1998.
21. M. Elisabeth Paté-Cornell and Robin L. Dillon, "Analytical Tools for the Management of Faster-Better-Cheaper Space Missions," IEEE Aerospace Conference Proceedings, Snowmass, Colorado, March 21-28, 1998.

#### **Other Conferences (last 7 years)**

1. Robin L. Dillon, "Decomposing the Intention to Act to Mitigate Climate Change," Society of Risk Analysis, San Diego, CA, December 2016.

2. Robin L. Dillon, "Evolving Risk Perceptions of Cyber Events," INFORMS, Philadelphia, PA, November 2015.
3. Robin L. Dillon, "When Individuals Fail to Recognize that a Problem Exists," INFORMS, Philadelphia, PA, November 2015.
4. Robin L. Dillon, "Evolving Risk Perceptions of Cyber Events," Security and Human Behavior, Washington, DC, June 2015.
5. Robin L. Dillon, "How Near-Miss Events Amplify or Attenuate Risky Decision Making" in session Best of Women in INFORMS, San Francisco, CA, November 2014.
6. Robin L. Dillon, "Near-Misses and the Challenges for Cyber Security Decision Making" in session Decision Analysis Insights for Homeland Security, INFORMS, San Francisco, CA, November 2014.
7. Robin L. Dillon, "Near-misses and the challenges for cyber security decision making," in session Cyber Security and Privacy Risk, Society of Risk Analysis, Denver, CO, December 2014.
8. Robin L. Dillon, "Expertise Creep: Is an advisor's willingness to give advice correlated with knowledge?" Advances in Decision Analysis, June 16-18, McDonough School of Business, Georgetown University, 2014.
9. "Understanding and Encouraging Near-Miss Reporting: A Case Study from US Commercial Aviation," Society of Risk Analysis, Baltimore, MD, December 8-11, 2013.
10. "Characterizing Risk in Commercial Aviation with Event Sequence Diagrams and Fault Trees," presented in the session "Aviation Safety Risk Analysis" at the American Nuclear Society's Risk Management for Complex Socio-Technical Systems Conference, Washington DC, November 2013.
11. "How Near-Miss Events Can Increase Risky Decision Making," Security and Human Behavior, Los Angeles, CA, June 3-4, 2013
12. "It Takes A Village: Business Continuity, Risk Management, and Community Collaboration Panel", Advancing and Redefining Communities for Emergency Management Workshop, March 25-26, 2013
13. How near-misses influence public preparedness and response to tornado weather warnings (with Heather Rosoff and Richard John), Society of Risk Analysis, San Francisco, CA, Dec. 10-12, 2012.
14. How terrorism near-misses influence perceptions of risk: comparisons and contrasts, (with Catherine Tinsley and William Burns), Society of Risk Analysis, San Francisco, CA, Dec. 10-12, 2012.
15. "The Perception of the Risk of Future Terrorist Events and the Influence of Near-Misses Over Time: Did that almost blow up? Did we just get lucky?" (with Catherine Tinsley and William Burns), INFORMS, Charlotte, NC, November 13-15, 2011.
16. "Expertise Creep: Is an advisor's willingness to give advice correlated with knowledge?" (with Kurt Carlson), poster presentation at Society of Judgment and Decision making, Seattle, WA, November 5-7, 2011.
17. "The Perception of Terrorist Events and the Influence of the Near-Miss: Did that almost blow up?" (with Catherine Tinsley and William Burns), Security Analysis and Risk Management Association (SARMA), Arlington, VA, September 2011.
18. "System Dynamics as a Method for Analyzing Human Trafficking" (with James Grimes and Catherine Tinsley), poster presentation at Systems Dynamics Society, Washington DC, July 24-28, 2011.
19. "Examining Divergent Beliefs and Values in Policy Debates," DHS Summit April 1, 2011
20. "How Near-miss Events Influence Decisions in Situations of Risk," Behavioral Decision Research in Management, June 2010, Pittsburgh, PA

21. "Using MAU to Structure Domestic Intelligence Policy" (with Richard John) INFORMS, Austin TX, November 8, 2010

## **VII. Invited Presentations (last 7 years)**

1. Robin L. Dillon, "Expertise Creep: Is an advisor's willingness to give advice correlated with knowledge?" Seminar speaker, George Washington University, February 2015.
2. Robin L. Dillon, "Learning from near-misses to avoid future catastrophes," An Optical Believe It or Not: Key Lessons Learned," SPIE conference on Optics and Photonics, San Diego, August 2014.
3. Robin L. Dillon and Catherine H. Tinsley, "Heuristics and Biases: Challenges for Cyber Security Decision Making," Business and Public Policy in a Global Economy Workshop, Center for Business and Public Policy, Washington, DC, March 12-14, 2014.
4. Robin L. Dillon and Catherine H. Tinsley, "How Near-Miss Events Can Embolden or Mitigate Risky Decision Making," Harvard Center for Risk Analysis, Risk Perception and Response Conference, Boston, MA, March 20-21, 2014.
5. "How Near-Miss Events Can Embolden or Mitigate Risky Decision Making," Johns Hopkins University, February 20, 2014.
6. "Near-Misses and High Pressure Time Critical Decision Making," University of Virginia, February 28, 2014.
7. "High Pressure Time Critical Decision Making," NASA's Road to Mission Success, NASA Goddard Space Flight Center, October 2013.
8. "Near-Misses and High Pressure Time Critical Decision Making," NASA's Marshall Space Flight Center, August 2013
9. "Risk Communication Issues," DHS Science and Technology Brown Bag Series (with William Burns and Tim Sellnow), July 24, 2013.
10. "How Near-Miss Events Can Increase Risky Decision Making", presented at the Incentives and Regulation of Cybersecurity Conference, Georgetown University's Center for Business and Public Policy (CBPP)/DHS/NSF, June 13, 2013, Washington DC.
11. "How to Avoid Catastrophe," NASA's Road to Mission Success, NASA Goddard Space Flight Center, May 2013.
12. "Reckoning with the Risk of Catastrophes: The Challenge of Interpreting Prior Near-Miss Events," DFG-NSF Research Conference, 3-5 October 2012, Washington, DC
13. "Organizational Silence," NASA Panel discussion (with Bryan O'Connor, former NASA Chief of Safety and Mission Assurance, Mike Ryschkewitsch, NASA Chief Engineer, and Amy Edmonson, professor at the Harvard Business School), July 31, 2012.
14. "Organizational Correctives for Improving Recognition of Near-Miss Events", University of Virginia's Darden School of Business, Dana Clyman Speaker Series, June 1, 2012
15. "How to Avoid Catastrophe" presented at the National War College, August 26, 2011.

## **VIII. Awards**

Best IEEE Transactions paper for 2001: M. Elisabeth Paté-Cornell and Robin L. Dillon, "Success Factors and Future Challenges in the Management of Faster-Better-Cheaper Space Missions," *IEEE*



*Transactions on Engineering Management*, Vol. 48, No. 1, February 2001, pp. 25-35.

Dean's Distinguished Service Award for the McDonough School of Business in May 2011

Best paper award (1 of 6) from *Risk Analysis* for: Robin L. Dillon, Catherine H. Tinsley, and Matthew A. Cronin, "Why Near-Miss Events Can Decrease an Individual's Protective Response to Hurricanes," *Risk Analysis*, Vol. 31, No. 3, March 2011, pp. 440-449.

2014, 2015, and 2016 Distinguished Georgetown Investigator for exceptional sponsored research performance.

## **IX. Teaching Experience McDonough School of Business, Georgetown University**

### *Undergraduate Courses*

OPIM 220: Management Science

OPIM 255: Project Management

OPIM 258: Decision Support Systems

### *Full-time MBA Courses*

OPIM 557: Computer Based-Decision Support Systems

### *Executive Masters in Leadership Course*

EMPL 884: Decision Making

## **X. Honors and Special Appointments**

1. Member, National Academies Committee for a Study of Performance-Based Safety Regulation (2016-2017) National Academies' Transportation Research Board
2. Mentor, National Science Foundation program "Enabling the Next Generation of Hazard Researchers" (2008-2010; 2015-2016)
3. Member, National Academies Committee on Risk-based Approaches for Securing the DOE Nuclear Weapons Complex (2009-2010) National Academies' Board on Nuclear and Radiation Studies
4. Member, National Academies Committee on New Orleans Regional Hurricane Protection Projects (2006-2007) National Academies' Board on Water, Science, and Technology and Board for Infrastructure and the Constructed Environment
5. Member, National Academies Committee on Assessing the Results of External Independent Reviews for U.S. Department of Energy Projects (2005-2006) National Academies' Board on Infrastructure and the Constructed Environment
6. Member, National Academies Committee on Opportunities for Accelerating Characterization and Treatment of Waste at Department of Energy Nuclear Weapons Sites (2003-2005) National Academies' Board on Radioactive Waste Management
7. Fellow, NASA Summer Faculty Program (2004) NASA's Goddard Space Flight Center, MD
8. Fellow, National Science Foundation program "Enabling the Next Generation of Hazard Researchers" (2003-2004)
9. Review Panelist, National Science Foundation, Spring 2007 and Fall 2007.

10. Review Panelist, Decision, Risk, & Management Science, National Science Foundation, Fall 2008-Spring 2010.

#### **XI. Professional Activities**

1. Editorial Board Member (2004 – present), Associate Editor (2012-present), Decision Analysis Journal
2. Editorial Board Member (2010 – present), Risk Analysis Journal
3. Editorial Board Member (2015-2018), IEEE Transactions on Engineering Management
4. Councilor, Society of Risk Analysis (2014-2017), Member of Finance Committee
5. Local chair, Advances in Decision Analysis conference sponsored by INFORMS and the Decision Analysis Society, Georgetown University, Washington, DC, June 16-18, 2014
6. Chair-elect (2012-2013), Chair (2013-2014), Special Interest Group Security & Defense, Society of Risk Analysis
7. Session chair (2014-2016) for Management Tools, Methods and Processes, IEEE Aerospace conference.
8. Treasurer (2002-2006), Decision Analysis Society, the largest society within INFORMS (Institute for Operations Research and the Management Sciences)
9. Chair of the Decision Analysis Publication Award from the Decision Analysis Society (2012), Chair of the Decision Analysis Society Best Publication Award (2013)
10. Founding board member (2006-2007), Security Analysis and Risk Management Association (SARMA)
11. Council Member (2000-2002), Decision Analysis Society
12. Decision Analysis Track co-chair, INFORMS San Jose (2003) and INFORMS San Antonio (2000) meetings
13. Member (1995-present), Society of Risk Analysis, INFORMS, and Decision Analysis Society
14. Reviewer: *Management Science, Operations Research, Decision Analysis (Associate Editor), Interfaces, Risk Analysis, IEEE Transactions on Engineering Management*