

Kathryn L. Connor

EXPERIENCE:

RAND Corporation, Pittsburgh PA July 2009- Present

Cost Analyst, July 2012-Present

Cost Analyst, Associate November 2010-June 2012

Senior Project Associate July 2009-November 2010

- Develop cost estimates for a resource allocation tool focused on behavioral interventions investments for states interested in prioritizing and adopting new policies to reduce traffic accidents, using literature review, quantitative data analysis and subject matter expert interviews.
- Propose a research agenda for the federal government that would support strategic planning based on a database of National Health Security Strategy (NHSS) associated research
- Assess make versus buy decision with economic analysis for munitions industry given objectives to maintain employment and reduce costs.
- Evaluate the policies the Army uses to analyze relative cost and effectiveness of contractor maintenance versus government support for programs
- Optimize which Operational Support Aircraft can meet OSA requirement most cost effectively
- Model cost, personnel, and education changes associated with adopting robotic technologies to inform budget submissions.
- Assess cost effectiveness of lower cost alternatives to Naval Carriers using regression analysis.
- Evaluate whether official inflation rates accurately reflect actual inflation experienced by Army programs
- Consider current cost estimating procedures for Army Sustainment costs through document review and consider changes in incentives and policy that may result in improved sustainment cost outcomes for major weapon systems.
- Advise the new Cost Assessment office within the Office of the Secretary of Defense on updating policy and procedure for cost estimation and risk assessment
- Assess quality of cost estimates prepared for the US Coast Guard's alternatives analysis for the Offshore Patrol Cutter and develop cost estimates for Littoral Combat Ship (LCS) alternative
- Develop trade space to understand investment affordability, benefits, and risks for biometrics information system
- Analyze cost of alternatives for undersea clandestine insertion

LMI, McLean, VA October 2004- October 2007 and February 2009- July 2009

Research Fellow

- Examined current CDC push-pack program for adherence to new emergency guidelines. Created scenarios to determine ways in which these situations hinder emergency response to areas of high population density. Provided insight about how CDC should redirect efforts to create and maintain high levels of population coverage.
- Described and evaluated the current international Expanded Program on Immunization (EPI) vaccine situation and supply chain for the Bill and Melinda Gates Foundation. Determined what private- and public-sector capabilities could affect a future vaccine supply chain. Identified systemic difficulties in vaccine processing and handling. Developed strategic recommendations for using funding and influence mechanisms to modernize the supply chain and to improve overall immunization outcomes.
- Led cost analysis of alternatives analysis for a new Coast Guard Logistics Information System that would incorporate maintenance, transportation, procurement, and asset visibility
- Analyzed the staffing structure and costs of a facility control center. Found significant overtime costs structured into the staffing policies and schedules. Designed alternative schedule opportunities to maximize safety of workers, provide adequate coverage for the facility, allow for more training opportunities, and reduce pressure for staff to skip annual leave.
- Analyzed Navy organizations to develop and economic efficiency models that relate budget spending to specific organizational outputs. Assisted working groups in determining what outputs they provide to external customers. Interviewed members of organizations about metrics, data availability, and anomalies that may affect modeling.

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PUBLICATIONS:

- Matsumura, John, Randall Steeb, Matthew W. Lewis, Kathryn Connor, Timothy Vail, Matthew E. Boyer “Assessing the Impact of Autonomous Robotic Systems on Army Force Structure” Santa Monica Calif: RAND Corporation, March 2012.
- Paul Deluca, Sophie-Charlotte Brune, Lauren Fleishman, Peter Buryk, Roger Lough, James Dryden, Kathryn Connor, Ellen Pint, Clifford Grammich, and John Birkler, “ Domestic Munitions Manufacturing Arrangements (DMMA) Modeling and Analysis: Global Practices and Respondent Attributes” Santa Monica Calif: RAND Corporation, February 2012.
- Eisman, Mel, Kathryn Connor, James Dryden, Dulani Woods, John Halliday; “Evaluating the Army's Methods for Selecting Contractor Logistics Support (CLS) and Controlling CLS Costs” Santa Monica Calif: RAND Corporation, December 2011.
- Lewis, Matthew W., Aimee Bower, Matthew E. Boyer, Kathryn Connor, Rick Eden, Joshua Klimas, Michael Kolb, Mike Scarpati “Support Implications of New Materiel Management Concepts” Santa Monica Calif: RAND Corporation, December 2011.
- Porche, Isaac, James Dryden, Kathryn Connor, Bradley Wilson, Shawn Mckay, Kate Giglio, Juan Montelibano, “Finding Services for and Open Architecture: A Review of Existing Applications and Programs in PEO C4I” Santa Monica Calif: RAND Corporation, July 2011.
- Dryden, James, Kathryn Connor, Dulani Woods, Mel Eisman “Improving Army Operations and Support Cost Considerations in Program Decisions” Santa Monica Calif: RAND Corporation, May 2011.
- Kellermann, Arthur L., Shoshana R. Shelton, Kathryn Connor, Lori Uscher-Pines, Victoria Shief, Francesca Pillemer, Amy L. Maletic, Rebecca Anhang Price. “Federal Investment in National Health Security Research: Interagency Portfolio Analysis of National Health Security Research,” Santa Monica Calif: RAND Corporation, PM3599-DHHS, May 2011.
- Rothenberg, Jeff. Heather Krull, Scott Guermonprez, Kathryn Connor, Daniella Meeker, and Rachel Rue, “ Analysis of Alternatives for the FEAMS Medical Contingency Requirements Workflow,” Santa Monica, Calif: RAND Corporation, DRR(L)-5160-DLA, July 2010.
- McGovern, Geoffrey, Kathryn Connor, Cessie IP, Kate Giglio, and James Dryden, “WSARA PoliCARDS: Analysis of the Weapon Systems Acquisition Reform Act of 2009,” Santa Monica, Calif.: RAND Corporation, March 2010.
- Porche, Isaac, James Dryden, Kathryn Connor, Juan Montelibano, and Bradley Wilson, “Study Plan: Characterizing PEO C4I Systems for Use as Services,” Santa Monica, Calif.: RAND Corporation, PM-3399-Navy, December 2009.
- Morganti, Kristy G., Kathryn L. Connor, Rick Eden, Matthew W. Lewis, and Art Lackey, “Metric Development for the Army’s Property Accountability Task Force,” Santa Monica, Calif.: RAND Corporation, PM-3423-A, October 2009.
- Connor, Kathryn, Robin L. Farley, Charles D. Guilliams, John S. Newton, John C. Pirmann, Peter R. Raymond, Kenneth L. Stombaugh, "Freight Transportation Forecasting, Budgeting, and Transportation Working Capital Fund Study," McLean, VA. LMI Government Consulting #LG701M1, February 2008.
- O’Brien, Robert and Kathryn L. Connor, “Facility Control Center- Business Process Reengineering,” McLean VA: LMI Government Consulting #NN606T1, July 2007.
- Funk, Stuart D., Kathryn L. Connor, Jacquelyn L. Cornet, Fiorella Simoni de Cannon, and Taylor H. Wilkerson, “Class IIIB SCOR Mapping Pilot: JP-8 East Coast,” McLean, VA: LMI Government Consulting # DES57T1, November 2006.
- Ford, Stephen P., Eric Kurowski, Jack A. Oliva, Kathryn Connor, and Jack J. Vandenberghe, “OCIE Transition Management Metrics and System,” McLean, VA: LMI Government Consulting #AR331T1, September 2006.
- Mervis, Stuart A. , Taylor H. Wilkerson, Kathryn L. Connor, Shelly C. Culbertson, John B. Handy, and Judith R. Kaufmann, “Vaccine Supply Chain Landscape,” McLean, VA: LMI Government Consulting #GS601T1, May 2006.
- Mervis, Stuart A. , Taylor H. Wilkerson, Kathryn L. Connor, Shelly C. Culbertson, John B. Handy, and Judith R. Kaufmann, “EPI Vaccine Supply Chain Landscape: Interim Report,” McLean, VA: LMI Government Consulting #GS601T2, February 2006.
- Pouy, Michael R., Kathryn L. Connor, Amy R. Berman, Paul H. Dowler, Julia Kipers, and Eric Kurowski, “DLA Virtual Contact Center Consolidation,” McLean, VA: LMI Government Consulting #DL315T2, December 2005.

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EDUCATION:

University of Chicago, Chicago, Illinois

Irving B. Harris Graduate School of Public Policy

Master of Public Policy, 2004 international and economic focus

Baylor University, Waco, Texas

Bachelor of Arts, Cum Laude, May 2002

Majors: Economics and International Studies, Minor: Spanish

RELEVANT SKILLS:

- **Microsoft Office Suite: Word, Excel, Access, Project, Visio**
- **Statistical Software Packages- SAS, CO\$TAT, STATA, ArcGIS**