

ANKE RICHTER

Professor of Operations Research
Defense Resources Management Institute
Naval Postgraduate School
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Education

Ph.D., Operations Research, Stanford University,
Dissertation: *Optimal Resource Allocation for Epidemic Control*
B.A., Mathematics and French, Dartmouth College, Summa Cum Laude
Honors Thesis: *Randomness in Deterministic Processes*

Related Education

York Expert Workshop, "Advanced Topics in Economic Evaluation of Medicines"
from the Centre for Health Economics, The University of York, UK.
Study at the University of Toulouse (One semester), Toulouse, France.
Study at the Lycée Du Portail Rouge, St. Etienne, France (one year); passed
Baccalaureate, Part 1.

Honors

Top Mini-Course. Risk Management. 2022 Professional Development Institute of the
American Society of Military Comptrollers, Atlanta, GA, June 1-3, 2022.
Top Mini-Courses Overall. Risk Management. 2022 Professional Development
Institute of the American Society of Military Comptrollers, Atlanta, GA, June 1-3,
2022.
2006 ISPOR Research Excellence Award for Practical Application Excellence, 2006
Outstanding Paper Award, The Society for Computer Simulation International, 1996
Department of Industrial Engineering and Engineering Management Fellowship,
1995-1996
Department of Veteran's Affairs Pre-Doctoral Fellowship in Health Services Research
1994-1995
National Defense Science and Engineering Graduate Fellowship sponsored by ONR
1991-1994
Phi Beta Kappa, junior year induction, 1990
National Merit Scholarship sponsored by IEEE Magnetics Society, 1987

Employment Chronology

2013 to present	Professor, Operations Research	Defense Resources Management Institute Naval Postgraduate School Monterey, CA
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2003 to 2013	Associate Professor, Operations Research	Defense Resources Management Institute Naval Postgraduate School Monterey, CA
2000 to 2003	Director, Health Economics	Research Triangle Institute RTI Health Solutions Research Triangle Park, NC
2000 to 2000	Senior Research Management Scientist	Research Triangle Institute European Office (Secondment) Manchester Science Park Manchester, UK
1996 to 1999	Senior Research Management Scientist	Research Triangle Institute Center for Economics Research Pharmaco Economics Research Research Triangle Park, NC
Spring/Summer 1995	Measurement Consultant Re-Engineering Pilot Project	Research Administration Stanford School of Medicine Stanford University, Stanford, CA
Summers 1993,1992	Researcher	Naval Personnel Research and Development Center San Diego, CA
Spring 1992	Student Consultant	Stanford University Hospital and Lucille Packard Children's Hospital Perinatal Services, Stanford, CA

Related Experience

Guest Lecturer at Executive Healthcare Resource Management Course, Defense Institute for Medical Operations.

Instructor for the Professional Development Institute of the American Society of Military Comptrollers

Instructor for FM Vision Exchange Training Team, Under Secretary of Defense (Comptroller)

Course Designer for FM OnLine Training Modules, Under Secretary of Defense (Comptroller)

Guest Lecturer at Center for Civil-Military Relations, International Defense Acquisition Resource Management Program and at San Francisco State University

Designed and conducted several workshops at national conferences and for private presentations (topics include Risk Analysis, Risk Management, Enterprise Risk Management, Multiple Criteria Decision Making, Markov modeling, Monte Carlo simulation, Delphi panel, epidemiologic modeling, cost-benefit and Decision Analysis)

Professional Associations

Editorial Review Board, Homeland Security Affairs
Institute for Operations Research and the Management Sciences (INFORMS)

Current Research Interests

Infectious disease modeling for economic analysis
Disease modeling to assess treatment and / or preventative measures in terms of efficacy, cost, and (if an infectious disease) containment
Public health planning and response in disaster situations
Public health and homeland security

Recent Publications

Thomas Simons, Anke Richter and Lauren Wollman. (2020) Two Teams, One Mission: A Study Using EMS Units in Hospital Triage during Active-Shooter and Other Mass-Casualty Events. *American Journal of Disaster Medicine*. 15(1): 33-41.

Cody Minks, Anke Richter. (2020) Current State of (Dis)Integration: Public Health and Fusion Centers. *Journal of Homeland Security and Emergency Management*. 17(2) (May) Article number: 20180076.

Jeffrey A. Covitz, Anke Richter, and Douglas J. MacKinnon. (2020) 911 and the Area Code from which You Call: How to Improve the Disparity in California's Emergency Medical Services. *Journal of Emergency Management*. 18(2): May/June.