

Steven M. Morris

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Education

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA

Ph.D. (2007) Industrial Engineering

- Concentration: Manufacturing and Logistics Minor: Economics
- Dissertation: Truck Dispatching and Fixed Driver Rest Locations
- Advisor: Dr. Alan L. Erera
- Committee: Dr. Ozlem Ergun, Dr. Martin Savelsbergh, Dr. Usha Nair-Reichert, Dr. Chelsea C. White, III

RENSSELAER POLYTECHNIC INSTITUTE, TROY, NY

M.S. (1991) Industrial and Management Engineering (GPA 4.0)

- Concentration: Manufacturing
- Advisor: Dr. James Tien

VANDERBILT UNIVERSITY, NASHVILLE, TN

B.S. (1983) Mathematics (Magna cum laude)

- Concentration: Computer Science

Research Interests

- Supply chain productivity and security tradeoffs
- Supply chain design and analysis
- Transportation system modeling and analysis
- Algorithm and heuristic design and analysis
- Scheduling and Time-tabling

Publications and Submitted Papers

Morris, S.M., Erera, A.L., White, C. "Impact of Using Designated Secure Rest Facilities on Single Lane Truck Dispatching Productivity." Accepted for publication in *Transportation Research Record*, Transportation Research Board, Washington, D.C., 2007.

Morris, S.M., "The Next Discount Rate Change." Technical Analysis of Stocks and Commodities. October, 1998.

Working Papers

Morris, S.M., Erera, A.L., "Determining Optimal Secure Rest Facility Locations for Long Haul Trucking Networks."

Presentations

Morris, S.M., Erera, A.L., "Impact of Using Only Designated Rest Facilities on Single Lane Truck Dispatching Productivity." Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, Pittsburgh, PA, 2006.

Morris, S.M., Erera, A.L., "Efficiency Impacts on Food Carriers of Using Only Secure Rest Facilities." National Center for Food Protection and Defense Annual Meeting, Atlanta, GA, 2005.

Research Experience

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA. 2005-2007

Graduate Research Assistant, School of Industrial and Systems Engineering.

- Research sponsor: U.S. Department of Homeland Security - National Center for Food Protection and Defense.
- Research areas:
 - Benchmarking transportation company best practices in security of our nation's food supply chain.
 - Designing resilient food supply chains and food freight transportation systems.

Teaching Experience

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA. 2003-2005

Graduate Teaching Assistant, School of Industrial and Systems Engineering.

- Undergraduate Statistics Course – Tutored, graded homeworks and exams.
- Undergraduate Engineering Economy Course – Presented two homework review sessions per week, tutored, graded exams.
- Graduate Manufacturing Systems Course – Prepared and presented numerous lectures, graded homework and exams, supervised and graded course projects.

BRENAU UNIVERSITY, KINGS BAY CAMPUS, KINGS BAY, GA. 2000-2003

Adjunct Instructor, School of Business and Mass Communication.

- Undergraduate Operations Management Course – Designed course, prepared and graded all homework and exams, prepared and presented lectures and course projects.
- Undergraduate Business Statistics Course - Designed course, prepared and graded all homework and exams, prepared and presented lectures.
- Undergraduate Quantitative Methods for Business Course – Designed course, prepared and graded all homework and exams, prepared and presented lectures, prepared, presented and graded computer labs.

U.S. MILITARY ACADEMY, WEST POINT, NY. 1997-2000

Instructor/Assistant Professor. Department of Systems Engineering.

- Undergraduate Decision Analysis Course (2-3 sections per semester, 5 semesters): Course director and lead instructor. Updated course, prepared and presented lectures, prepared, supervised and graded computer laboratory assignments, supervised and graded course projects, prepared and graded exams, supervised instructors in other sections of the course.
- Supervised independent study in decision analysis methodology.

RENSELAER POLYTECHNIC INSTITUTE, TROY, NY. 1989-1991

Assistant Professor, Department of Naval Science.

- Taught undergraduate Navigation and Naval Operations courses.
- Recruited, mentored and prepared Midshipmen applicants for the Naval Nuclear Propulsion Program.
- Ranked #1 out of 51 Naval Reserve Officer Training Corps (NROTC) Units nationwide in number of nuclear propulsion program officer accessions in 1991.

U.S. Navy Experience - Lieutenant Commander, U.S. Navy (Retired)

Director of Engineering Training, 2000-2003

Trident Training Facility, Kings Bay, Georgia

Instructor and Assistant Professor, 1997-2000

U.S. Military Academy, West Point, NY

War Gaming Faculty, 1995-1997

Naval War College, Newport, RI

- Designed and analyzed war games, facilitated Decision Support Center events.

Engineer Officer, 1992-1995

USS PUFFER (SSN-652), San Diego, CA

- Led 55 man submarine engineering department, responsible for safe and efficient operation of submarine nuclear propulsion plant including all reactor controls, electrical, electronic, steam, turbine, high pressure air, and fluid systems.
- Won the 1994 Submarine Squadron Three Engineering Excellence Award.

Assistant Professor of Naval Science, 1989-1991

Rensselaer Polytechnic Institute, Troy, NY

Main Propulsion Assistant, Communications Officer, 1985-1989

USS OHIO (SSBN-726) BLUE, Bangor, WA

Honors and Awards

- Achievement Rewards for College Scientists (ARCS) Fellowship, 2005-2007
- Georgia Institute of Technology, Presidents Fellowship, 2003-2007
- Meritorious Service Medals:
 - Trident Training Facility, 2003
 - U.S. Military Academy, 2000
- Navy Commendation Medals:
 - Naval War College, 1997
 - USS PUFFER (SSN-652), 1995
 - Rensselaer Polytechnic Institute, 1991
 - USS OHIO (SSBN-726) BLUE, 1989
- Military Outstanding Volunteer Service Medal, 2003

Professional Memberships

- INFORMS – Institute for Operations Research and the Management Sciences
- Transportation Research Board Affiliate

Professional Designations

- Certified Financial Planner (CFP), 1999-2004
- National Association of Securities Dealers (NASD) Series 7- Registered Representative, 1993-2003