

# CURRICULUM VITAE

## Michael S. Scioletti

### RESEARCH INTERESTS:

Optimization (Networks)  
Systems Methodologies  
Risk Management  
Department of Defense Projects

### EDUCATION:

- United States Military Academy (USMA), B.S. in Operations Research, 1998
- University of Missouri-Rolla, M.S. in Engineering Management, 2002.
- Naval Postgraduate School (NPS), M.S. in Operations Research, 2008.  
Thesis: "A Heuristic Algorithm for Optimized Routing of Unmanned Aerial Systems for the Interdiction of Improvised Explosive Devices."  
Advisor: Dr. Johannes O. Royset

### PUBLICATIONS:

"A Heuristic Algorithm for Optimized Routing of Unmanned Aerial Systems for the Interdiction of Improvised Explosive Devices." Thesis completed at the Naval Postgraduate School, June 2008.

"For Better or Worse: Rapport between Instructor and Students" as part of the United States Military Academy Master Teacher Certification, December 2009.

### PRESENTATIONS:

Scioletti, Benigni, Rogers, Harvey, Wattenberg. Presented "Using Digital Imagery & Sports to Motivate & Exercise Math" at 2009 International Conference on Technology in Collegiate Mathematics in New Orleans, LA, 14 March 2009.

Scioletti, Evans, Wattenberg. Presented "Using Digital Imagery to Motivate Mathematics and Sports" at 2010 International Conference on Technology in Collegiate Mathematics in Chicago, IL, March 12, 2010.

### TEACHING EXPERIENCE:

MA104: 3xDifferential Calculus classes (of 16) to freshmen at the U.S. Military Academy in the spring of 2009.

MA205: 3xIntegral Calculus & Differential Equations classes (of 16) to sophomores at the U.S. Military Academy in the fall of 2008 & 2009.

MA206: 4xProbability & Statistics classes (of 16) to sophomores at the U.S. Military Academy the spring of 2010.

MA491: Co-Advisor, Individual Capstone Regression and Design of Experiments Project at the U.S. Military Academy in the spring of 2010.