



Robert Bordley

Vision Statement:

I am honored to be considered for this position. If elected, I will draw on my past INCOSE experiences with the Academic Council, the CAB, our working groups, our conferences and our certification program. I will also draw on my extensive experience both as a successful academician at the University of Michigan and as a successful practitioner in both the automotive and defense sectors. I led the mission analysis team in GM's tailoring of NASA/defense systems engineering to automotive engineering. For addressing internal interface issues, I identified savings of hundreds of millions of dollars each year. I also developed the University's systems engineering and design master's degree after its

inception.

If elected, I will support the careers of systems engineering faculty (non-tenured, tenure track and tenured), strengthen systems engineering education (pre-college, undergraduate and graduate) and increase INCOSE's role in accreditation. I will help integrate MBSE into academic software environments. To improve the quality of systems engineering education and increase global student enrollment, I will promote the development of a global systems engineering education community, particularly in regions under represented within INCOSE. To support our systems engineering graduates, I will promote the institutionalization of a systems engineering virtual career fair to enable our students to have Zoom interviews with employers (especially CAB members). As an ESEP, PMP, Ramsey Medalist and former Red X engineer, I will deepen the ties between our profession and project management, decision risk analysis, design science, marketing science and quality engineering.

Biography

Professor and Director, Systems Engineering and Design Program, University of Michigan, Ann Arbor. Program Director, Decision Risk & Management Sciences, National Science Foundation. Fellow, General Motors Engineering: GM Chairman's Award, Outstanding Engineering Design Award

Technical Director, GM Corporate Strategy Staff (Awarded President's Council Award), Manager, GM R&D Portfolio (Received GM Award of Excellence), Manager, Decision Support Systems, Sr. Lead Systems Engineer, Booz-Allen Hamilton (Multiple Awards).

PhD, MBA, MS, MS, BS, BA; ESEP, PMP, CAP; 90 Publications, 2 Patents. Ramsey Medal for Distinguished Decision Analysis Contributions, Decision Analysis Best Publication, Fellow, INFORMS; Fellow, American Stat. Assn, Fellow, Decision Prof.Soc., IOEM Distinguished Educator

INCOSE History: Member, Academic Council and CAB; President, Michigan Chapter, Planning Committee Member (Two Great Lakes Regional Meetings; One International Symposium), Working Groups (Lean, Requirements.) Proctor, Certification Exam.