



# PROJECT MANAGEMENT CHALLENGE 2006

## Third Annual NASA Project Management Conference

### BIOGRAPHY

**Mr. Vincent J. Bilardo Jr.**  
*Deputy Project Manager for Crew Launch Vehicle Project Office*  
NASA GRC

**Biography:**

Mr. Bilardo currently serves as the deputy project manager for the NASA Glenn Research Center contributions to the Crew Launch Vehicle. Prior to joining GRC, Mr. Bilardo spent three years at NASA Langley Research Center, where he managed the Next Generation Launch Technology program's Systems Analysis Project, and chaired the Systems Analysis Integrated Discipline Team for the Exploration Systems Mission Directorate's Project Constellation. While at LaRC, he formulated and led the Organization Design Team in order to develop improved organization design and project management best practices. Mr Bilardo has over 23 years of experience as a program/project manager and systems engineer in the federal government, including serving as a branch chief at NASA Ames Research Center, a senior systems engineer at the Space Station Freedom Program Office at NASA Headquarters, lead main propulsion and main engines systems engineer in the Space Shuttle program at NASA Kennedy Space Center and Vandenberg Air Force Base, and an environmental program/project manager at the U.S. Army Corps of Engineers Kansas City District.

**Mr. Patrick Gorman**  
*Director of Development*  
ePM, LLC

**Biography:**

Pat is a Senior Software Architect with over 22 years experience in software design and development, and experience in project estimation, scheduling and control. His primary focus at ePM is designing and managing the development of the SimVision® system architecture, simulation engine, user interface, and analysis engine.

Computer simulation has been a particular interest, including experimental helicopter flight simulation for NASA, Army tactical battlefield simulation with TRW, combat flight simulation game software for Dynamix, creation of large (million square miles) real-time terrain display engines, and development of fast data manipulation software to support very large terrain datasets.

**Mr. Thomas J. Gormley**  
*Owner*  
Gormley and Associates

**Biography:**

Thomas J. Gormley is owner of Gormley and Associates, a systems engineering consulting firm providing systems and organization analysis products for a variety of NASA projects. Mr. Gormley has 20 years experience in aerospace launch vehicles and commercial telecommunication satellite systems and is currently supporting NASA in the design and development of The Project Manager's Toolkit. Mr. Gormley is co-author of the Organizational Science Paper to be published in 2006 - Designing a New Organization at NASA: An Organization Design Process Using Simulation and has been instrumental in defining functional requirements for the PM Toolkit.

**Mr. Neal Lovell**  
*Space Technology Operations, CTO*  
SAIC



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### **Biography:**

Mr. Lovell is currently the Chief Technical Officer for the Space Technology Operation of Science Applications International Corporation and the Principle Investigator and architect for the PM Toolkit. The Space Technology Operation provides cost analysis; systems engineering and analysis; program integration; and simulation and software development support to a wide variety of NASA customers. Mr. Lovell has 20 years of experience in developing software applications, simulations, and conducting simulation-based analyses for customers across the Department of Defense and NASA. Recent experiences include developing systems analysis simulations for hypersonic and rocket launch vehicles; Crew Exploration Vehicle; and Lunar, Mars, and interplanetary exploration systems.