

### ABSTRACT AND BIOGRAPHY

#### **OMB Project Management Certification Requirements: Response and Implementation**

In April 2007 the White House OMB announced a new set of requirements for project management certification that apply to all executive agencies. The Congressional GAO also specified required measurements needed for high-risk elements of project activities in NASA. This presentation will review those requirements and other trends, and will cover their implications for NASA's technical workforce. While the agency's field centers currently have widely varying practices for the professional development of project managers, the OMB requirements and GAO requests demand that NASA adopt a more standardized approach.

In response to these requirements, APPEL has set up the NASA Technical Leadership Institute (TLI) to provide agency recognition for the professional career development and exemplary achievement of NASA program managers, project managers, systems engineers, and other members of the technical workforce at successive career levels. APPEL provides project managers and systems engineers with the knowledge, experience, and competencies that lead to increased capabilities needed for success at successive levels of their technical careers in NASA. The purpose of the Technical Leadership Institute is to officially recognize and facilitate the development of these practitioners as they acquire the capabilities needed to advance the agency's mission.

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As Director of the NASA Academy of Program/Project and Engineering Leadership, Dr. Ed Hoffman is responsible for the development of program/project managers, engineers, and teams within NASA. He has authored numerous articles and co-authored two books: *Shared Voyage: Learning and Unlearning from Remarkable Projects* (NASA, 2005) and *Project Management Success Stories: Lessons of Project Leaders* (Wiley, 2000). Dr. Hoffman holds a Doctorate as well as a Master of Arts and a Master of Science degree from Columbia University in social and organizational psychology. He received a Bachelor of Science in Psychology from Brooklyn College in 1981.

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Dr. Boyle currently serves as the NASA Academy of Program, Project, and Engineering Leadership (APPEL) Program Manager for ASRC Management Services. He has served in several capacities in public and private sector organizations, from industrial production lines and overseas military combat units to multinational corporations, NASA flight facilities, and as a Chief Operating Officer of a start-up company. He holds a Masters in Human Resources from Boston University, a Masters in Industrial Organizational Psychology from George Mason University, and a Doctorate in Human Development and teaches Knowledge Management for Virginia Tech.