May 17 Meeting Flyer

Topic: Earned Value Management Workshop

When: 5/17/2019 2:00P-5:30PM

Location: Fermi National Laboratory, Pine Street and, Kirk Rd, Batavia, IL 60510

Presentation Topic Abstracts:

Principles and Guidelines of Earned Value Management – Dr. Joe Hamilton, PMnow, Vice President of Project Delivery

Understanding project cost and schedule performance are critical indicators to making informed decisions to limit risk each month. Earned Value Management (EVM) helps to provide the data and processes necessary to determine the actual health of our projects. EVM is a risk tool and an "early warning" system where problematic issues can be spotted early if data is captured and monitored correctly.

We are going to introduce you to EVM, share how it is scalable, show how corrective actions are the single most valuable outcome from using a good EVM system and then share lessons learned from projects across various industries that have implemented EVM.

Adaptability of EVM to your Company, Industry, Country and Culture - Richard Marcum, Fermi National Accelerator Laboratories, Head Office of Project Support Services

Earned Value Management (EVM) is applicable to multiple industries, companies, countries and cultures. The principles and guidelines that govern EVM has been adopted by most industrialized countries and industries. The EVM professional must understand the basic foundational principles of EVM as well as company, country and cultural constrains to apply these principles for project success. This presentation will provide ideas for EVM application within different industries, countries, or cultures including construction, energy, and oil and gas.

EVM application on US Department of Energy Projects - Bob O'Sullivan, Fermi National Accelerator Laboratories, LBNF/DUNE Project Controls Manager

The US-DOE requires application of EVM on projects with a total project cost of $20M or more, in compliance with ANSI/EIA-748. An approved EVM system description is developed and implemented by each of the DOE laboratories outlining the project management processes and procedures followed to provide for effective planning, organization, control and surveillance on their major projects. This presentation will outline DOE EVM requirements, provide an overview of the tools, procedures and mechanics laboratories use to meet these requirements and how DOE audits performance.

Panel Discussion EVM practices/ Q&A

Speaker Bios:

Joe Hamilton, PhD, EVP, MPM

Dr. Joe Hamilton leads the development of project management, EVM and training programs for Biotechnology/Pharmaceutical contracts for PMNow. Under his leadership, Dr. Hamilton has been instrumental in helping clients manage nearly $2 billion in BARDA, CARB-X and IMI drug development projects by enhancing their PMOs, creating dynamic and executable master schedules, while architecting and implementing EVM policy and technological solutions for both government and commercial clients.

Dr. Hamilton along with PMNOw helped to develop the (7) principals of EVM for the Dept of Health and Human Services as a flexible alternative to the 32 EIA 748 EVMS Guidelines for Biomedical Advanced Research and Development Authority (BARDA) projects.

As a consultant, Dr. Hamilton has helped dozens of DOD and NASA/NOAA contractors to implement EVM systems, while also providing both classroom and hands-on EVM, project management and data analysis training, including the FAC P/PM EVM curriculum, which addresses the Office of Management & Budget (OMB) and the Federal Acquisition Institute (FAI) mandated regimen of training and experience requirements for federal acquisition professionals

Dr. Hamilton holds a PhD in Organizational Development from Benedictine University, a Master's Degree in Project Management from DeVry University, a Bachelor of Science in Journalism from Columbia College and holds an Earned Value Professional (EVP) certification from AACE International.

Richard L. Marcum PMP, EVMP, MBA

Richard Marcum is a Project Management (PM) professional with thirty plus years' experience. Richard is the Head of the Office of Project Support Services (OPSS) for Fermi National Accelerator Laboratory (FNAL). FNALs OPSS is akin to a Project Management Office within the Project Management Institute's structure. As Head of OPSS Richard is responsible for supporting FNAL's project management teams as they navigate the Department of Energy (DOE) orders and regulations, which govern the DOE-funded projects. For context, FNAL currently has a project portfolio of over four billion dollars consisting of several small projects, valued between ten and fifty million dollars, and six major projects defined as projects over fifty million dollars.

A DOE official recently described Richard as "passionate about Earned Value Management," and this passion extends to all aspects of project management principles and practices. Richard has more than seventeen years' experience in the DOE environment. During the remaining years, he worked in various other industries including construction, energy, engineering, oil and gas, and mining. Richard's expertise not only spans industries, but countries as he helped establish project management practices with different companies located in Canada, Australia, Dubai, New Zealand, Malesia, and China.

Richard is also passionate about his family. He has four children, two sons-in-law, and eight grandchildren. His family traveled with Richard's work and experienced living in seven U.S. states, Canada, and Australia. Richard is also engaged with other interests including photography, public

speaking, teaching, community and youth services, and other faith-based activity. He loves to travel and learn about other people's history, cultural, and social norms.

Robert O'Sullivan CCM, EVP, CCE, VMA

Bob has been working on LBNF/ DUNE, Fermilab's $2.5B mega-international science project, for the past 8-years. Prior to his work at Fermilab, his experience encompasses 20+ years as a Project Manager and Project Controls Manager on large and complex construction projects and programs including:

-Boston Artery/ 3rd Harbor Tunnel Vent Building #6 – Walsh Construction

-CTA Brown Line Expansion Project – URS Corporation

-Illinois Tollway I-355 South Extension and Capital Improvement Program - HNTB

-Commonwealth Edison's Capital Construction Program - AECOM

Bob is a Civil Engineer and has been certified by CMAA as a Construction Manager, SAVE International as a Value Methodology Associate and by AACEi in Cost Engineering and Earned Value Management.