

BIOGRAPHY



David M. Oberholtzer (BSME, MBA)

Design Prophet, Munro & Associates, Inc.

David Oberholtzer is a Design Prophet for Munro & Associates, Inc. Dave has an unusually broad range of professional experience including over three decades of experience in manufacturing and in productivity improvement. Some of his recent projects identified improvements in military vehicles and other defense systems, gasoline and electric powered passenger cars, knitting machines, medical devices, laser printers, washing machines, air conditioners, infrared heaters, and diesel engines. Dave is a Six Sigma Master Black Belt and has been a member of the Raytheon Design for Six Sigma Community of Practice, member of the Global Hawk Lean Community of Practice, member of US Air Force Lean and Affordability Integrated Product Team.

Dave led The Product/Process Integration Wall (PPIW) activity that facilitated the launch of the 2015 Chrysler 200. This project identified and closed over 800 potential product launch issues prior to building the first production vehicle. Dave also supported the PPIW activity for the launch of the 2015 Challenger. Dave led the first global Digital Scroll Build for the new Jeep Renegade which involved the participation of design engineers and assembly teams from the US, Mexico, Brazil, China, and Italy. This week-long event allowed the participants to identify a range of design and manufacturing issues months prior to a global product launch.

Dave used Taguchi Screening techniques to perform a sensitivity analysis on the Design Profit[®] Harness Coster. Dave also supported the BMW i3 electric vehicle cost analysis project.

Dave was one of the Munro team that analyzed the Tata Nano design and identified several cost saving opportunities that helped Tata achieve its goal of designing a \$2500 car.

When the Stryker Mobile Gun System Ammunition Handling System was experiencing reliability issues, Dave worked with a team from Munro and Associates to successfully predict future failures and to recommend design solutions. Dave was subsequently tasked by General Dynamics Land Systems to review the manufacturing facilities and practices on site at Anniston, Alabama and the testing at Yuma, Arizona.

Dave was a Principal Systems Engineer at Raytheon where he championed Design for Six Sigma and worked on a variety of high profile programs such as Global Hawk, Paveway Laser Guided Bomb, HARM (High-speed Anti-Radiation

1140 Centre Road Auburn Hills, Michigan 48326

Tel: 248-362-5110

Fax: 248-362-5117

Missile), Tank Thermal Sights, FLIR (Forward Looking Infra-Red) Common Modules, and anti-ballistic missile defense. His application of design for six sigma techniques helped the Missile Defense Agency team ensure that all key requirements for battle management software had been identified.

Dave conducted a value stream analysis of the Global Hawk development process and coordinated the implementation of program improvements that shortened delivery schedules and reduced costs.

With a strong background in factory automation and systems analysis, Dave was instrumental in Texas Instruments winning the CASA/SME LEAD Award for Computer Integrated Manufacturing in 1987. Dave was also part of the core team that deployed six sigma at Texas Instruments. This was cited as one of the key reasons for TI winning the Malcolm Baldrige National Quality Award in 1992. Dave's insight into the applicability of engineering practices to software development helped TI achieve its SEI CMM goals. Dave co-authored and taught a course on Software Six Sigma. Dave also led the development and implementation of a paperless factory system at TI.

In addition to Texas Instruments and Raytheon, Dave has worked with a broad range of clients in both the US and internationally. This list includes various agencies of the US Navy, US Air Force, US Army, Lockheed and Martin-Marietta (now Lockheed-Martin), Computing Devices - International, GE Aircraft, the Missile Defense Agency, Fontaine-Fleetline, General Dynamics, Fiat Chrysler Automobiles, Stoll, Hughes, Tata Motors, Bell Helicopter, Champion Laboratories, TRW, Abbott Laboratories, and Airtex.

Dave's six year service as a Field Artillery officer in the US Army with Master Parachutist and Ranger qualifications allows him to understand and identify with his defense industry clients. Dave's military career included a three year tour of duty in Italy where he became fluent in Italian.

Dave's industry career included roles as Manufacturing Engineer, Production Control, Systems Analyst, Software System Supervisor, Factory Systems Manager, and Principal Systems Engineer. The range of manufacturing responsibilities included electro-optical assembly, circuit card assembly, transformer and inductor assembly, and aluminum and steel parts machining and fabrication.

Dave worked with business owners, company presidents, vice presidents, and general managers to arrange and execute multiple six sigma and lean business assessments across a wide range of businesses including hotels, software, publishing, manufacturing, hospital and health care facilities, and advertising. Dave is certified Kaizen practitioner with experience at Raytheon Aircraft. He helped develop and manage the six sigma curriculum at both Texas Instruments as well as at Raytheon. Dave is a certified Master Instructor who coordinated training for over 1200 R6s Experts. He has personally trained over 2000 people in six sigma tools and methods.

1140 Centre Road Auburn Hills, Michigan 48326

Tel: 248-362-5110

Fax: 248-362-5117

Dave grew up on a farm in Indiana where he was exposed to a range of challenges and is steeped in the agricultural work ethic. He learned early on to quickly seek out and implement alternate solutions when time, manpower, and money are in short supply.

Dave earned money for college by working for the local county engineer where he gained practical civil engineering and surveying experience over a three-year period. Dave also worked as a radio station engineer during college and has commercial broadcasting experience.

Dave attended Rose-Hulman Institute of Technology where he received his Bachelor of Science in Mechanical Engineering. Dave received his Masters in Business Administration (Management) from Amber (now Amberton) University, in Garland, Texas.

Dave attended graduate level courses in solar energy at the University of Texas at Dallas. He designed, modeled, and installed his own solar hot water heating system on his home producing a 30% reduction in energy bills. He has installed a solar photo-voltaic system with battery backup in his current home.

Dave is currently a member of the Society of Manufacturing Engineers, American Society for Quality, and the International Society of Six Sigma Professionals.

Dave enjoys keeping physically fit through running, bicycling, and swimming. He has completed marathons in the US and in Europe. Dave has also completed multiple 150-mile bicycle rides to raise money for multiple sclerosis as well as the Registers Annual Great Bicycle Ride Across Iowa (RAGBRAI). Dave also enjoys reading and woodworking.