



## **Vicki Missar**

### **Associate Director, Global Risk Consulting**

#### **Expertise**

Based in Dallas, TX Vicki's current responsibilities include developing and executing client driven solutions that reduce risk and elevate workplace productivity through proven ergonomic, lean and six sigma tools and techniques. Vicki works with clients to provide scientific validation on musculoskeletal claims with questionable work-relatedness and testifies in workers compensation cases. She also supports client's global prevention initiatives including ergonomics, lean and 5S. Vicki has a special emphasis on healthcare process improvement programs for total cost of risk management.

#### **Special Areas of Expertise:**

- Six Sigma and Process Optimization
- Lean Tools and Techniques
- Healthcare and Laboratory Human Error Programs
- Patient Handling Consultation
- Claim Validation for Musculoskeletal Injuries
- Rehabilitative Ergonomics
- 5S, Kaizen and Lean Sensi Tools
- Risk Mitigation Strategies
- Organizational Design
- High Performance Team Development
- Global Safety and Health Audits
- Global 18001 Implementation
- Return on Investment Modeling for Healthcare Quality Systems

#### **Education / Professional Designations / Affiliations:**

##### **University of Miami, Coral Gables, FL**

Master of Science, Industrial Engineering – Occupational Biomechanics and Ergonomics

Awarded Frank B. Hall Scholarship

*Graduated May 1999*

##### **La Salle University, Philadelphia, PA**

Bachelor of Arts, Psychology

Bachelor of Arts, Communications

*Graduated May 1987*

##### **University of Michigan, Ann Arbor, MI**

Using the 3D Static Strength Prediction Program

*May 2010*

##### **Villanova University, Lima PA**

Master Certificate in Six Sigma

*Completed 2008*



**Villanova University**, Lima PA  
Six Sigma Black Belt Certificate  
*Completed 2008*

**Villanova University**, Lima, PA  
Lean Six Sigma Sensi Certificate  
*Completed 2006*

**Villanova University**, Lima, PA  
Six Sigma Green Belt Certificate  
*Completed 2005*

**Publications:**

- Recession-Proof Your Ergonomics Program by Creating a Value Proposition, 2011 White Paper
- Ergonomic Strategies for the Rising Rate of Obesity in America, 2011 White Paper
- Developing long term success with ergonomic programs: a five year study. Presented at the International Ergonomics Congress in Maastric, The Netherlands, July 2006
- Best Practices: A Socio-technical Systems Approach for Process Optimization at Texas Instruments
- Rehabilitative Ergonomics: How to Remove the Barriers to Safe, Effective and Productive Work Performance After an Injury Occurs
- Organizational Optimization to Quicken Rehabilitation Systems: The Critical Path
- Continuous Improvement: The Missing Link in Return-to-Work Developing High Performance ergonomic Teams. Presented at the Applied Ergonomic Conference-2005
- Falcone, D. J., Kaplan, S., D'Ambrosio, G., Missar, V., Rohrer, C., & Combs, C. (1989) The effect of sex-biased tasks on male and female attributions for failure. Paper presented at the meeting of the Eastern Psychological Association, New York, NY