

## **Gang Yang, M.D., Ph.D.**

### Curriculum Vitae

#### **Expert Qualifications Summary:**

- Specialized training in Biomechanics of Injury
- Specialized training in Low Speed Collision Analysis
- Specialized training in Occupant and Vehicle Kinematics in Rollovers
- Specialized training in Injuries, Anatomy and Biomechanics
- Specialized training in Seatbelt Investigations
- Mechanical Engineering: Statics, Dynamics, Strength of Materials
- Organ and System Physiology
- Soft Tissue and Hard Tissue Biomaterials
- Crash Injury: Biomechanics and Prevention
- Principles of Occupational Biomechanics and Industrial Ergonomics
- Cognitive Engineering
- Advanced Occupational Biomechanics
- Practice Oriented Ergonomics: Exposure Assessment
- Biodynamics Measurement Tools
- Biomechanics Research Practicum
- Biodynamics Cumulative Trauma Disorders (CTD)
- NYSTARS Human Factors and Accident Reconstruction
- Training in PC Crash Simulation
- 3D Photogrammetry Certification

#### **Education**

- Sep. 2002 – Jun. 2010      Ph.D. (Biomechanics)  
   Biodynamics Laboratory  
   Department of Industrial and Systems Engineering  
   The Ohio State University, Columbus, OH  
   Major: Biomechanics and Ergonomics  
   Minor 1: Epidemiology  
   Minor 2: Biomaterials
- Sep. 2001 – Sep. 2002      Ph.D. study in Biomedical Engineering program  
   The Ohio State University, Columbus, OH

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