



Jeffrey B. Wheeler, MS  
*President / Director of Biomechanics*  
*Injury Biomechanics*



Direct: 720.734.1051  
[jwheeler@vectorscientific.com](mailto:jwheeler@vectorscientific.com)

Mr. Wheeler has worked in forensic biomechanics since 1988. Jeff's primary area of expertise is injury biomechanics in motor vehicle, sport/recreation, and industrial/occupational accidents.

The majority of Jeff's work over the past 20 years has involved high-speed collisions resulting in severe and fatal trauma, in particular rollover crashes. Jeff has evaluated occupant dynamics, injury mechanics, and restraint system use and effectiveness in ~500 rollovers.

Mr. Wheeler spent ~10 years conducting research on head/neck injury biomechanics mostly in low-speed collisions. His research included ~100 tests using live human volunteers as part of a grant-funded research project on which he was co-Principal Investigator. Jeff and his colleagues continue to research head impact kinematics and concussion injury biomechanics. Mr. Wheeler's grad school research involved knee injury biomechanics under a grant from the U.S. Olympic Sports Medicine Science Committee working with national and international cycling teams.

Mr. Wheeler has co-authored ~40 scientific publications and given more than a dozen presentations to professional organizations in USA, France, Switzerland, Sweden, and New Zealand. Recognized internationally in the academic and scientific community as a leading expert in forensic biomechanics, Jeff and his colleagues have been finalists three times for international biomechanics awards. Mr. Wheeler has served as a referee for several scientific journals and in 2010 he was appointed to the inaugural Board of Editors of the Journal of Forensic Biomechanics. Jeff has also held research and teaching positions at UCLA (Department of Orthopaedics, Department of Kinesiology/Physiological Science) and Wayne State University (Department of Biomedical Engineering), and guest lectured at several universities.

- Master of Science (MS) – University of California, Los Angeles (UCLA)
- Bachelor of Science (BS) – University of Connecticut (UCONN)

