



CHECK Y KAM
BIOMECHANICAL ENGINEER
INJURY BIOMECHANICS GROUP

MS, Mechanical Engineering, 2007
BS, Aerospace Engineering, 2003
Registered Professional Engineer

Check Kam joined MEA Forensic Engineers and Scientists' Injury Group in 2007. He is responsible for conducting biomechanical analyses to assess injury causation in cases involving automobile collisions, slip/trip and falls, and pedestrian impacts.

Prior to joining MEA, Mr. Kam worked at the Center for Applied Biomechanics at the University of Virginia, where he performed biological testing of post mortem human subjects for injury risk and failure tolerance.

Areas of Specialization

- Injury Mechanism
- Injury causation
- Automobile collisions
- Pedestrian impacts
- Slip/trip and fall incidents

Professional Affiliations

MEA staff are members of various professional organizations. A current listing can be found on our website www.meaforensic.com.

Selected Publications

Mr. Kam's previous biomechanical research had focused primarily on vehicle-pedestrian collisions with dummy and cadaveric specimens for evaluation of pedestrian kinematics and injury mechanisms.

Untaroiu C, Kerrigan J, Kam C, Crandall J, et al. (2007) Correlation of Strain and Loads Measured in the Long Bones with Observed Kinematics of the Lower Limb during Vehicle-Pedestrian Impacts. Stapp Car Crash Journal Vol. 51, Paper 07S 50.

Kam C, Kerrigan J, Meissner M, et al. (2005) Design of a Full-Scale Impact System for Analysis of Vehicle Pedestrian Collisions. SAE Paper 2005-01-1875.

Bhalla K, Shin J, Kam C, et al. (2005) Experimental Investigation of the Response of the Human Lower Limb to the Pedestrian Impact Loading Environment. SAE Paper 2005-01-1877.

Kerrigan J, Drinkwater D, Kam C, et al. (2004) Tolerance of the Human Leg and Thigh in Dynamic Lateral-Medial 3-Point Bending. International Crashworthiness Conference, Paper 2004-49.

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