



## **KENNETH ALVIN SOLOMON, Ph.D., P.E., Post Ph.D**

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### **ACADEMIC CREDENTIALS**

Post Ph.D.	Risk-Benefit Assessment, UCLA 1977
P.E.	Professional Engineering License, California, 1976
Ph.D.	Engineering, UCLA, 1974
M.S.	Engineering, UCLA, 1971
B.S.	Engineering, UCLA, 1971
B.L.S	Instructor, AHA, 2005

### **PAST AND PRESENT AFFILIATIONS**

Diplomate	Forensic Engineering & Technology, American College of Forensic Examiners Institute, 1998
Diplomate	Forensic Law Enforcement, American Board of Law Enforcement Experts, 1998
Diplomate	Homeland Security, American Board for Certification in Homeland Security, 2003
Fellow	American College of Forensic Examiners Institute, 2007
Associate	Orange County Association of Peace Officers
Member	Orange County Association of Reserve Deputy Sheriffs
Member	International Society of Bio-Mechanics
Member	California Association of Reserve Peace Officers
Member	National Society of Accident Reconstruction Specialists
Member	International Conference of Building Inspectors
Member	International Society of Probabilistic Risk Assessment
Member	American Nuclear Society
Member	Society of Automotive Engineers
Member	CAARS (California Association of Accident Reconstruction Specialists)

### **ACCIDENT RECONSTRUCTION, HUMAN FACTORS, & BIOMECHANICS**

Dr. Solomon's studies address accident reconstruction, biomechanics, and human factors as demonstrated by his 47 years of independent research; his more than 200 internationally distributed publications, reports, and presentations; and his 15 book co-authorships. In December of 1998 (after 22 years and 9 months of service), he retired as Senior Scientist with the RAND Corporation. He was on the faculty at the RAND Graduate School for 18 years and taught as an Adjunct Faculty at UCLA, USC, Naval Post-Graduate School, George Mason University, and The Orange County Sheriff's Academy. Dr. Solomon was a PSR (Professional Services Reserve) from 2000 to 2006 and a PSCR through July 2007 with the Orange County Sheriff-Coroner Department; and he served as a Commissioner of Policing and Safety for the City of Calabasas (2000 to 2005). He was a court-appointed Hearing Officer from 1995 through 2013. Dr. Solomon has published peer-reviewed papers and books in Transportation Accidents (automotive, trucks, motorcycles, bicycles); Industrial & Recreational Accidents (pressure vessels, rotating machinery, forklifts and cranes, exercise & recreational equipment, swimming pools, manufacturing and punch presses); Slip- or Trip-and-Fall Accidents; and Adequacy of Warnings. Only 30% of his work is litigation: of that, the distribution is about 65% to 70% Defense, 25% to 30% Plaintiff, and 5% jointly Plaintiff and Defense. He has successfully qualified in courtroom testimony more than 2100 times since 1971.