



# WILLIAM M. JONES

## CURRICULUM VITAE

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### EDUCATION

- Northwestern University Traffic Institute, *Traffic Accident Reconstruction I and II*
- Arkansas State University, *Commercial Vehicle Accident Investigation and Reconstruction*
- NAPARS/Maine State Police, *Commercial Vehicle* course
- Texas A&M University System, TEEX, *Pedestrian/Bicycle Collision Reconstruction*
- Texas A&M University System, TEEX, *Applied Physics for Collision Reconstruction*
- Texas A&M University System, TEEX, *Analysis of Low Speed Collisions*
- Northwestern University Traffic Institute, *Vehicle Dynamics*
- Northwestern University Traffic Institute, *Accident Investigation I and II*
- Las Positas College, Livermore, CA – A.A. in Mathematics, with highest honors.
- UCSD Extension – Professional Certificate in Occupational Safety & Health
- Martinez Technology Education Center, Martinez, CA – AutoCAD 2010 3D

### Seminars and lectures attended include:

- *2001: A Collision Odyssey*, Collision Investigation and Reconstruction, C.A.<sup>2</sup>R.S.
- *World Reconstruction Exposition 2000* at Texas A&M University, TEEX
- SATAI Two-day Low Speed Crash Test Seminar
- Northern California Fraud Investigators Association, 20-hour Fraud course on low-speed impacts (2)
- Utah Motor Transport Association, *Traffic Accident Reconstruction*
- Utah Motor Transport Association, *Accident Investigation*
- Arizona State, *Motor Fleet Supervisor Safety training*
- Superior Training Services, *Hazardous Material Instructor Training course*
- Professional Driving Techniques
- EFG & Associates 40-Hour Train-The-Trainer course (2)
- Indiana University of Pennsylvania Three-day National Committee *Train-The-Trainer for instructors program*
- University of California - Berkeley Engineering Extension, *Biomechanics of Human Injury*, 16-hour course
- University of California - San Diego OSHA #501: Trainer Course in Occupational Safety & Health for the General Industry



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- Bendix Air Brakes Systems Training School – Reno, NV
  - University of California - San Diego OSHA #041710: Forklift Trainer Course
  - Chicago, IL, *Photomodeler* course
  - University of California - Davis Extension, Sacramento, CA, *Health and Safety Training for Hazardous Waste Workers*, 40-hour course

## RESEARCH

- Conducted and participated in approximately 100 low speed crash tests (February and April 1997, and all other dates)
- Conducted bobtail truck acceleration and skid tests (August 2002)
- Conducted tractor-trailer acceleration and skid tests (October 2002)
- Conducted and participated in tractor-trailer crash testing including low-speed crash testing (October 2002)
- Conducted and participated in University of California-Riverside (Davis Police Department) low-speed crash class, low-speed crash tests (July 2003)
- Conducted tractor-trailer acceleration and skid tests (October 2003) University of California – Riverside
- Conducted tractor-trailer acceleration and skid tests (February 2004) University of California – Riverside
- Conducted tractor-trailer underride crash tests (February 2004) University of California – Riverside
- Conducted low-speed crash tests University of California-Riverside (February 2004)
- Conducted and participated in low-speed crash tests (April 2004) Northern California Fraud Investigators Association
- Conducted tractor-trailer underride crash tests (May 2009) Solano County Fairgrounds

## EXPERIENCE

- Fifteen years experience, education and training in the transportation industry. Positions held include Accident Reconstruction Specialist, Safety Training Risk



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Manager, Safety and Training Director, Safety and Transportation Consultant, Resource Specialist, Education and Training Specialist.

- Tractor-trailer driver for cross-country, regional and local services.
- Tractor-trailer driver in freight, moving, construction, flatbed and specialty heavy haul industries.
- Tractor-trailer driver trainer for nationwide freight hauler.
- Tractor-trailer instructor and Resource Specialist for nationwide driver training school. Positions and responsibilities: Instructor; Assistant Director of Training; Resource Specialist; author of homestudy, resident training, and hazardous materials training courses.
- Safety and Training Director, and Safety and Training Risk Manager for national specialized rigging and heavy haul company. Responsibilities: Industry consultant for CDL program; worked with Utah DMV on implementation of CDL program as Industry Specialist.
- Safety consultant for transportation industry.
- Driver training for trucking companies -- safety meetings, defensive driving, in-cab training, forklift and warehousing, air brake training.
- Author and content editor for truck driving homestudy, resident training, CDL courses and operational videos.
- Qualified and provided testimony as Accident Reconstruction Specialist and Trucking Industry Safety Specialist in California Superior Civil Courts.
- Proficient in tractor-trailer accident reconstruction, investigation, and safety issues.

Abilities and work products arising from education, research and experience include:

- Analyze reports, statements, photographs and other evidence to reconstruct accidents.
- Create accident reconstruction reports.
- Develop after-accident situation maps and displays.
- Design and implement safety programs and company safety analyses.
- Conduct training seminars and workshops on safe practices and professional driving.
- Conduct low speed crash tests to determine evidence of impact.



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## LECTURES

- 2002 CA<sup>2</sup>RS Annual Training Conference – Truck Braking Efficiency (October 2002)
- University of California Riverside – Commercial Vehicle Accident Investigation (40 hours / October 20-24, 2003)
- Geico Insurance – Low Speed Collision: Investigation, reconstruction and assessment of injury potential (July 2003)
- University of California Riverside – Advanced Commercial Vehicle Accident Investigation (40 hours / February 23-27, 2004)
- Northern California Fraud Investigators Association – Low Speed Collision: Investigation, reconstruction and assessment of injury potential (April 2004)
- California District Attorney's Association – Insurance Fraud Low-Speed Impact and Event-Data Recorders (October 11, 2006)

## PUBLICATIONS

- Coauthor and content editor of 33-lesson Commercial Drivers License Preparation Program and 77 lesson CDL-Prepared Independent Trucker's course (both home study programs) for EFG, National Training Incorporated, and Citizens High School, 1992.
- Co-developer and content editor of CDL Trainer Program, 1990.
- Author and editor of the most recent version of PST Inc., Drivers Manual, 1989.
- Producer, director, and writer of PST Inc., training video Loading and Securing Tractors and Combines, 1989.
- Coauthor and content editor of self study tractor-trailer driving course for northeastern multisite school, 1989.
- Coauthor of 125-hour resident tractor-trailer driver training course and coauthor of 16-hour hazardous materials driver training seminar for multi-site, nationwide private training corporation, 1987.
- Author of Refuse Truck Driver Training course for Waste Management of Alameda County.
- Author of Recycle Truck Driver Training course for Norcal Waste Systems of San Francisco, CA.



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- Author of Roll-Off Truck Driver Training course for Norcal Waste Systems of San Francisco, CA.
  - Author of Rear Loader Truck Driver Training course for Norcal Waste Systems of San Francisco, CA.
  - Author of Front Loader Truck Driver Training course for Norcal Waste Systems of San Francisco, CA.
  - Author of Vehicle Inspection Truck Driver Training course for Norcal Waste Systems of San Francisco, CA.
  - Author and technical consultant of Norcal Waste Systems Drivers Guide to Daily Vehicle Inspections training video.
  - Author and technical consultant of Norcal Waste Systems Drivers Guide to Safe Operations training video series (4).
  - Author of Side Loader Rapid Rail course for Norcal Waste Systems of San Francisco, CA.
  - Author of Tymco Sweeper course for Norcal Waste Systems of San Francisco, CA.
  - Author of Volvo Rear Loader with CAT 419 Loader course for Norcal Waste Systems of San Francisco, CA.

## **ORGANIZATIONS**

- California Association of Accident Reconstruction Specialists (C. A<sup>2</sup> R.S.)
  - 2003 Board of Directors
- National Association of Professional Accident Reconstruction Specialists
- Northern California Fraud Investigators Association
  - 2001 - 2002 Board of Directors
  - 2003 - Vice President
- Southwestern Association of Technical Accident Investigators