

CURRICULUM VITAE OF PAUL WADE

On-Scene Reconstruction
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PROFESSIONAL CERTIFICATION AND LICENSES

- A.C.T.A.R. full accreditation; registration number 1172.
- P.O.S.T. – Basic, Intermediate, Advanced

EDUCATIONAL BACKGROUND AND SPECIALIZED TRAINING

- Bachelor of Arts, Business Administration, 1996; La Sierra University, Riverside, Ca.
- Orange County Sheriff's Department Police Academy, August 1986.
- Basic Traffic Accident Investigation, Riverside Community College, Sept. 1990.
- Kustom Traffic Radar Operator, Kustom Electronics, July 1991.
- Traffic Accident Investigation, Skidmark Analysis, Riverside Community College, Feb. 1993.
- Advanced Traffic Accident Investigation, Contra Costa Community College, March 1994.
- Traffic Collision Reconstruction, Riverside Co. Sheriff's Dept, Dec. 1994.
- Pedestrian/Bicyclist Accident Reconstruction, Texas A&M University, April 1996.
- Grade Crossing Collision Investigation, Union Pacific Railroad, March 1997.
- Motorcycle Training, San Bernardino Co. Sheriff's Dept., Dec. 1997.
- Motor Officer Tactical Survival Skills, LAPD, Sept. 1999.
- Tire Damage Analysis, Michelin Tire Co., Riverside, CA, Feb. 2000.
- Commercial Vehicle Accident Investigation, University of California-Riverside, March 2000.
- Speed Determination From Crush, University of California-Riverside, May 2000.
- Traffic Collision Investigation- Motor Vehicle Inspection, Riverside Co. Sheriff's Dept., Nov. 2000.
- Motorcycle Officers Update Training Class, CHP Academy, Sacramento, CA, Jan. 2001.
- Pedestrian/Bicyclist Accident Reconstruction, Riverside Co. Sheriff's Dept., Feb. 2001.
- Human Factors in Accident Reconstruction, Instruction by Dean Reichenberg, California Association of Accident Reconstruction Specialists, Riverside, Aug. 2001.
- Incident Management Concerns for the Traffic Collision Reconstructionist, Arnold Wheat; Roadway Issues in Accident Investigation, Jim Purcell, P.E., CHP MAIT; Critical Speed Testing Results and Analysis, Timothy Reust, P.E.; Investigation of Staged Traffic

Collisions, Joseph J. Del'Marmol; Momentum Basics, Tom Shelton, CHP MAIT; Concord, CA, Oct. 2001.

- Radar Operator, Riverside Co. Sheriff's Dept., Jan. 2002.
- Laser Operator, Riverside Co. Sheriff's Dept., Jan 2002.
- Motorcycle Collision Dynamics, University of California-Riverside, Feb. 2002.
- Injury Mechanisms during Motor Vehicle Collision, Sean D. Shimada, PhD; California Association of Accident Reconstruction Specialists, Riverside, CA, Feb. 2002.
- Vericom Training, Richard Jobe – President Vericom Computers, Palm Springs, CA, June 2002.
- PC-Crash and PC-Rect Training Workshop, William Cliff, P.E., Santa Ana, CA, Nov. 2002
- Tire Forensics, Mechanics and Inspection, Thomas R. Giapponi, PE (TRGtech Tire Consulting); California Association of Accident Reconstruction Specialists, Riverside, CA, March 2003.
- Time-Distance Review and Using PowerPoint for Presenting Time-Distance Analysis in the Courtroom, Rudy Degger, Anaheim, CA, May 2003.
- Coefficient of Friction Determination – Methodology and Special Problems, Kent Boots; California Association of Accident Reconstruction Specialists, Anaheim, CA, Aug. 2003.
- Vehicle code laws, Kent Boots; Razor scooters/Bicycles, Tim Reust; Excel spreadsheet applications, Dr. Bruno Schmidt; Personal mobility devices and testing, Tom Fugger; Collision investigation case studies, Kerry Berg; Skateboard/Roller blade speeds, Jerry Eubanks; Biomechanical injury causation, Dr. Sean Shimada; Medical field/collision investigation efforts, Dr. Federico Vaca. Caars vs. bikes - California Association of Accident Reconstruction Specialists, Anaheim, CA, Oct. 2003.
- Vehicle Lamp Analysis, Jim Domenoe. California Association of Accident Reconstruction Specialists, Garden Grove, CA Feb. 2004.
- Forensic Mapping, Mike Capman. MJC and Associates, Inc. Lake Forest, CA, June 2004.
- Crash Data Retrieval Operator's Course, Rusty Haight. Collision Safety Institute, Phoenix, AZ, July 2004.
- Street Racing and Modified Vehicle Investigations, San Diego Police Department, Oct. 2004.
- Motorcycle Accident Investigation. Al Baxter and Neil Robar. IPTM, Orange, CA, March 2005.
- Commercial Vehicle Collision Investigation. Bill Focha and James Holder. California Association of Accident Reconstruction Specialists, Orange, CA. August 2005.
- Anti-lock Braking Systems. Alan Coulter and Wesley Vandiver. California Association of Accident Reconstruction Specialists, Garden Grove, CA. February 2006.
- Restraints, Airbags, and Child Restraints. Karen Haverkamp. CAARS. August 2006.
- ARC-CSI Crash Conference. Hit and Run, Low Speed Collisions, Night time pedestrian visibility issues, Accident reconstruction at traffic signals, human factors, seat belt effectiveness and injury correlation. June 2007.
- CAARS fall conference. Commercial vehicles, High speed off-set collisions, Insurance fraud schemes, Night time visibility, Pedestrian collisions, Post impact trajectories, understanding low speed collisions. Oct 2007.
- Bicycle Collision Investigation. Roman Beck. CAARS. February 2008.

EMPLOYMENT HISTORY

On-Scene Reconstruction, Owner, Orange, California; August 2003.

Rancho Santiago Community College District - Part-time faculty Instructor. 2002 - present.

Orange County Sheriff's Department (California)

Dec. 1994 – Present

Assigned to Major Accident Reconstruction Team (M.A.R.T.)

Reconstructed/assisted in numerous fatal/major collision reports

Acted as consultant for District Attorneys Office on other departments criminal cases.

Responsible for training new members of M.A.R.T. on the proper procedures of conducting the scene collision investigation, reconstruction, and report writing process.

Acting on-scene supervisor.

November 2008 - Present

- Sergeant
- Supervisor of Major Accident Reconstruction Team

March 2002 – November 2008

- Assigned to Regional Traffic Bureau
- Responsible for review of traffic collision reports, instructing officers on proper report writing procedures and corrections, case filings with the District Attorneys Office, training of officers on traffic related issues, and review of Major Accident Reconstruction Team collision reports.
- Acting Supervisor of Bureau

April 1990 – March 2002; Patrol

- Traffic Unit- Worked detail for seven years. Responsible for all traffic related issues including enforcement of traffic related laws and meeting with city traffic engineers to discuss and resolve traffic related issues.
- Commercial Vehicle Enforcement- Worked detail for one year. Responsible for inspecting commercial vehicles for safety and equipment violations.
- Motor Officer – Worked detail for four years. Responsible for all traffic related issues including enforcement of traffic related laws, investigating traffic collisions, and meeting with city traffic engineer to discuss and resolve traffic related issues.

January 1987 – April 1990; Worked in county jail, supervising inmates.
July 1986 – January 1987; Deputy Sheriff trainee

EXPERT WITNESS TESTIMONY

Superior Court of California County of Los Angeles

- Qualified as expert in civil court as traffic collision reconstructionist

Superior Court of California County of Orange

- Qualified as expert in crush analysis, momentum analysis, and skidmark analysis.
- Qualified as expert in civil court as traffic collision reconstructionist.
- Consultant with Orange County District Attorney's office on several occasions.

TEACHING EXPERIENCE

- Vehicle Factors and Physical Evidence, Orange County Sheriff Basic Traffic Collision Investigation
- Speed Determination / Formulas, Orange County Sheriff Advanced Traffic Collision Investigation
- POST qualified instructor
- CAARS Quarterly Training

RESEARCH AND DEVELOPMENT

- Pedestrian and bicyclist crash tests, April 1996.
- Commercial vehicle acceleration tests, skid tests and off-tracking, University of California-Riverside, March 2000.
- Vehicle skids tests, Orange County Sheriff's Department, June 2002 – Present.
- Personal mobility devices and scooter acceleration and skid testing. California Association of Accident Reconstruction Specialists, Oct. 2003.
- Low Speed Crash Testing with McInnis Engineering Associates, Lake Forest, CA, May 2004.

PROFESSIONAL AFFILIATIONS

- Accreditation Commission for Traffic Accident Reconstruction
- Former Board Member - California Association of Accident Reconstruction Specialists (CAARS)

- Association of Orange County Deputy Sheriffs; 1987 – Present
- Accident Reconstruction Communication Network (ARC)
- International Network of Collision Reconstructionists (INCR)