

SCIENTIFIC COLLISION ANALYSIS LLC

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JOSEPH G. YATES

PROFESSIONAL EXPERIENCE

SCIENTIFIC COLLISION ANALYSIS LLC *Seal Beach, CA* 1999 to Present

- Accident reconstruction consultant: motorcycles, autos, trucks, bicycles, pedestrians, ATV's, UTV's. Component failure analysis. Occupant kinematics. Reporting and expert testimony services to clients in insurance and litigation.

OTTO LABORATORIES, INC. *Yorba Linda, CA* 1987 to 2016

- Vehicle accident reconstruction and design analysis for clients representing manufacturers, insurers and individuals. Vehicle performance testing; handling, braking, sound levels, temperatures, material stress, crash tests.

CRASHNET, INC. *Yorba Linda, CA* 2000 to 2016

- VP-Operations, firm offering accident documentation, analysis and training to fleet management, insurance, litigation professionals. Development of inspection systems.

AMERICAN HONDA MOTOR CO., INC. *Gardena, CA* 1980 to 1987

- Product Investigator handling technical investigation of product liability claims involving all company products; automobiles, motorcycles, power products.

Atlanta, GA 1976 to 1980

- District Service Manager for Motorcycle Technical Division, responsible for technical, warranty, training issues. Coordination with retail Motorcycle Dealers.

CONTINENTAL MOTORCYCLE INSTITUTE *Smyrna, GA* 1975 to 1976

- Vocational Instructor training technicians in vehicle systems operation, proper service practices, problem diagnosis, service and repair of all types of motorcycles.

SUZUKI SOUTH *Atlanta, GA* 1973 to 1975

- Service Manager and Lead Technician for motorcycle dealership, responsible for all aspects of service department operation.

EDUCATION / CERTIFICATION

RICH CONSULTING

- Microsoft Excel For Traffic Crash Reconstruction – 24 hr online course. 2022

INSTITUTE OF POLICE TECHNOLOGY AND MANAGEMENT *Irvine, CA* 2019

- Human Factors in Traffic Crash Reconstruction – 40 hour course.

SAE PROFESSIONAL DEVELOPMENT-EXPONENT, INC. *Phoenix, AZ* 2011

- Fundamentals of Motor Vehicle Fire Investigation – 20 hour course.

COLLISION SAFETY INSTITUTE

- Crash Boot Camp - Crash Test Technology-24 hr course. *Las Vegas, NV 2011*
- CDR Data Analyst certification - 32 hour Bosch course. *Poway, CA 2008*
- CDR Technician certification - 8 hour Bosch course. *Anaheim, CA 2008*
- Crash Data Retrieval Specialist certification-24 hour course. *Phoenix, AZ 2004*

CRASH CONFERENCES

- WREX: International Vehicle Collision Seminars *Orlando, FL 2016, 2023*
- CA2RS: Accident Recon Seminars *Lake Tahoe, Irvine CA 2016, 2022, 2023*
- CrashCon 22: Barczyk Biomechanics Institute *New Orleans, LA 2022*
- ARC-CSI: Vehicle Collision Technical Seminars *Las Vegas, NV 2005 to 2014*

ACCREDITATION COMMISSION FOR TRAFFIC ACCIDENT RECONSTRUCTION

North Platte, NE *ACTAR #752* *1997 to Present*

- Full accreditation as a Traffic Accident Reconstructionist meeting ACTAR requirements for education, training, experience and completion of the ACTAR Practical Examination.

CALIFORNIA STATE UNIVERSITY *Long Beach, CA* *1991*

- Bachelor of Science degree in Mechanical Engineering.

NORTHWESTERN UNIVERSITY, TRAFFIC INSTITUTE *Costa Mesa, CA 1983*

- Accident Reconstruction: Eighty hour course in all aspects of accident reconstruction.

AMERICAN HONDA SERVICE SCHOOLS *Atlanta, GA-Compton, CA 1976-1987*

- Automotive Electrical Theory and Problem Diagnosis - Forty hour course.
- Honda Registered Technician - Completion of 7-course motorcycle school.

ATLANTA MOTORCYCLE INSTITUTE *Atlanta, GA* *1972 to 1973*

- Vocational coursework in vehicle system operation, problem diagnosis, disassembly, repair, proper service practices. Finished at top of class.

GEORGIA INSTITUTE OF TECHNOLOGY *Atlanta, GA* *1969 to 1972*

GENERAL MOTORS INSTITUTE *Flint, MI* *1968 to 1969*

- Undergraduate courses toward Bachelor of Science degree in Mechanical Engineering.

PROFESSIONAL ACTIVITIES

ACCIDENT INVESTIGATION-MOTORCYCLE STABILITY *Lk Tahoe, CA 2012*

- Invited Speaker to California Association of Accident Reconstruction Specialists.

MOTORCYCLE STABILITY & HANDLING *Washington, D.C. 2010*

- Invited Speaker to 89th annual meeting of Transportation Research Board.

MOTORCYCLE/ATV/UTV ACCIDENT RECONSTRUCTION *Laughlin, NV 2010*

- Invited Speaker to SW Association of Technical Accident Investigators.

INSTRUCTOR - MOTORCYCLE OPERATOR TRAINING CA-NM 1990-1997

- Certified Instructor through California Motorcyclist Safety Program, teaching Motorcycle Safety Foundation curriculum to new riders in California and New Mexico.

INSTRUCTOR-ACCIDENT RECONSTRUCTION SEMINAR San Bernardino, CA

- 1993 • Seminar Instructor to Police/Insurance on Skid Analysis, Low Speed Crash Tests.

PROFESSIONAL ORGANIZATIONS

- Society of Automotive Engineers - (SAE) 1983 to Present
- American Motorcyclist Association - (AMA) 1984 to Present
- National Assoc. of Professional Accident Reconstruction Specialists -
(NAPARS) 1990 to Present
- Association for the Advancement of Automotive Medicine -
(AAAM) 1992 to Present
- Human Factors and Ergonomics Society - (HFES) 1992 to Present
- Southwestern Association of Technical Accident Investigators –
(SATAI) 2004 to Present
- Association for Psychological Science - (APS) 2009 to Present
- National Association of Fire Investigators - (NAFI) 2010 to Present
- California Association of Accident Reconstruction Specialists -
(CA2RS) 2012 to Present
- The League of American Bicyclists - 2014 to Present
- USA Cycling - 2015 to Present
- American Society of Mechanical Engineers – (ASME) 2019 to Present

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