

CURRICULUM VITAE OF DANIEL MCLAIN

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SUMMARY

Dan McLain is a traffic collision reconstructionist accredited by the Accreditation Commission for Traffic Accident Reconstruction (ACTAR), a sUAV (drone) pilot licensed by the Federal Aviation Administration, and has completed the Accident Reconstruction Certificate Program by the Society of Automotive Engineers (SAE). With over 27 years in law enforcement, he has extensive experience with on-scene collision investigations ranging from minor fender-benders to multi-fatal collisions. He has investigated and assisted in the prosecution of hit-and-run collisions, DUI collisions, insurance fraud, vehicular manslaughter, and vehicular murder cases. He is recognized as a subject matter expert in both criminal and civil courts for his knowledge of accident reconstruction, accident investigation, and general traffic enforcement.

Dan has over a thousand hours of training in accident reconstruction including but not limited to forensic mapping, pedestrian collisions, motorcycle collisions, emergency vehicle collisions, Crash Data Retrieval (CDR), staged collisions, interview and interrogations, and motor vehicle inspections. He also has over 13 years of experience teaching primary collision factors, investigation procedures, vehicle/evidence photography, insurance fraud, tire mark analysis, and basic collision reconstruction to law enforcement agencies all over Southern California at a prestigious law enforcement academy as well as the National Insurance Crime Bureau.

WORK EXPERIENCE

Owner and Principal at DHM Crash Consulting and Accident Reconstruction Services
September 10, 2022 – Present

Accident Reconstruction Expert at Impact General, Inc.
January 2022 – February 2023

Orange County Sheriff's Department
January 3, 1995 – September 9, 2022

- Sergeant, City of Rancho Santa Margarita – July 17, 2020 – September 9, 2022
- OCSO sUAV Drone Pilot - January 3, 2022 - September 9, 2022
- Sergeant Central Men's Jail – March 16, 2018 – July 17, 2020
- Background Investigator – October 14, 2016 – March 16, 2018
- Motor Deputy – March 2014 – October 14, 2016
- Patrol Deputy – June 2012 – March 2014
- Traffic Bureau - December 2008 – June 2012
- Motor Deputy – May 2006 – December 2008
- Traffic Enforcement Deputy - July 2004 – May 2006
- Patrol Deputy - September 2003 – July 2004 (traffic position disbanded)
- Traffic Enforcement Deputy – September 2002 – September 2003
- Patrol Deputy – December 2001 – September 2002
- Deputy Sheriff II Central Men's Jail – June 30, 2001 – December 14, 2001
- Deputy Sheriff I Central Men's Jail – June 21, 1995 – June 30, 2001
- Deputy Sheriff Trainee Orange County Sheriff's Academy – January 3, 1995 – June 21, 1995

TRAFFIC RELATED EXPERIENCE

- Major Accident Reconstruction Team (M.A.R.T.) Member October 2003 – February 2016
- Participated in investigation/reconstruction of over 104 fatal/major injury collisions
- Case Agent on 20 of those fatal/major injury collisions
- Investigated over 400 minor and moderate injury collisions
- Investigated over 175 crime related collisions
- Investigated over 650 non-injury collisions
- Assisted civilian & patrol officers in interviews, scene documentation and determination of fault in thousands of non-injury and minor injury collisions
- Witnessed and issued citations for over 2550 speeding violations
- Witnessed and issued citations for over 2090 right-of-way and other unsafe violations

Langner Security Services

July 1994 – December 1994

United States Marine Corps

June 25, 1990 – June 24, 1994

- Camp Pendleton, CA - February 21, 1992 – June 24, 1994
- Okinawa, Japan – February 21, 1991 – February 20, 1992
- Marine Corps Training – June 1990 – February 1991

EDUCATION

BS California Coast University, Criminal Justice Jan 2021
Graduated Summa Cum Laude

PROFESSIONAL LICENSES AND CERTIFICATIONS

Accreditation Commission for Traffic Accident Reconstruction 2011
ACTAR #2304

Federal Aviation Administration 2022
FAA 14 CFR Part 107 licensed small Unmanned Aerial Vehicle Pilot

California Peace Officer Standards in Training 1995
Ca POST certifications; Basic, Intermediate, Advanced, and Supervisory

PROFESSIONAL TRAINING

Basic Traffic Collision Investigation Mar 2002 (40 hrs)
Orange County Sheriff's Department

RADAR Operator Course Nov 2002 (40 hrs)
Los Angeles Police Department

LIDAR Operator Course Dec 2002 (8 hrs)
Los Angeles Police Department

Intermediate Traffic Collision Investigation Mar 2003 (40 hrs)
Riverside County Sheriff's Department

Advanced Traffic Collision Investigation Apr 2003 (80 hrs)
Riverside County Sheriff's Department

Traffic Accident Reconstruction Apr 2004 (80 hrs)
Riverside County Sheriff's Department

Motorcycle Accident Investigation and Reconstruction Apr 2006 (24 hrs)
Institute of Police Technology and Management (IPTM)

CadZone Crime and Crash Diagramming Jul 2007 (24 hrs)
Kent Boots & Associates

Bosch Crash Data Retrieval Technician/Analyst Los Angeles County Sheriff's Department	Apr 2009 (40 hrs)
Basic Motor Vehicle Inspection Riverside County Sheriff's Department	Dec 2009 (40 hrs)
Vehicle/Pedestrian Collision Reconstruction Rudy Degger and Associates	Apr 2012 (40 hrs)
Interview and Interrogations for Collision Investigators Institute of Police Technology and Management (IPTM)	Jul 2012 (40 hrs)
Vehicle Dynamics and Energy Analysis Riverside County Sheriff's Department	Apr 2021 (40 hrs)
Vehicle Crash Reconstruction: Principles and Technology Society of Automotive Engineers International (SAE)	Jun 2021 (24 hrs)
Photogrammetry and Analysis of Digital Media Society of Automotive Engineers International (SAE)	Sep 2021 (24 hrs)
Fundamentals of Vehicle Dynamics Society of Automotive Engineers International (SAE)	Sep 2021 (18 hrs)
Reconstruction and Analysis of Motorcycle Crashes Society of Automotive Engineers International (SAE)	Dec 2021 (8 hrs)
Driver Distraction from Electronic Devices: Insights and Implications Society of Automotive Engineers International (SAE)	Jan 2022 (4 hrs)
Applying Automotive EDR Data to Traffic Crash Reconstruction Society of Automotive Engineers International (SAE)	May 2022 (24 hrs)

TEACHING EXPERIENCE

Basic Traffic Collision Investigation Rancho Santiago Community College District	Nov 2009 to Present
<ul style="list-style-type: none">• Primary Collision Factors and CA Vehicle Code Laws• Insurance Fraud• Investigation Procedures• Tire Mark analysis• Vehicle factors as evidence• Scene measurements, photography, and documentation	

Crash Data Retrieval Technician, Level I and II

Jan 2012 to Jan 2014

Robert Bosch, LLC

- Use of the Bosch Crash Data Retrieval Tool and proper methods for crash data collection.

Basic Accident Reconstruction

May 2016

National Insurance Crime Bureau, Special Investigator Academy

- Basic accident reconstruction methodologies and methods.
- Use of the Bosch Crash Data Retrieval Tool and its benefits to the insurance investigator in recognizing fraudulent claims.

PROFESSIONAL AFFILIATIONS

California Association of Accident Reconstruction Specialists (CA²RS)

Member Oct 2003 – Present
Board of Directors Nov 2022 – Present
Secretary, Board of Directors Jan 2023 – Present

National Association of Accident Reconstruction Specialists (NAPARS)

Member Apr 2020 – Present

Southern California Traffic Investigator's Association (SOCTIA)

Member Jan 2009 – Sep 2022

Orange County Traffic Officer's Association (OCTOA)

Member Jun 2005 – Sep 2022

International Association of Special Investigator Units (IASIU)

Member Dec 2015 – Dec 2016

Association of Orange County Deputy Sheriffs (AOCDS)

Member Jan 1995 – Present

Avoid the 13 DUI Task Force

Member July 2004 – Oct 2016