

# CURRICULUM VITAE

**David J. Wessling**

**Accredited Accident Reconstructionist, A.C.T.A.R # 2721**

**Certified Law Enforcement Executive, CLEE Class XX**

9361 Rolling Greens Trail

Miamisburg, Ohio 45342

Phone (937) 673-6522

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## EDUCATION/CERTIFICATIONS

- 2016 Ohio Peace Officer Training Commission, 40 hours, Investigation and Reconstruction of Pedestrian:**  
Investigation of controlled crash tests to include vehicle/pedestrian crashes, vehicle/bicycle crashes. Perception/Reaction time studies and traveling time studies. Pedestrian drag factor testing.
- 2016 World Reconstruction Exposition, 40+ Hours**  
Served on planning committee as board member for the Ohio Traffic Accident Reconstruction Association: Attended event for planning and practical training.
- 2015 Ohio Traffic Accident Reconstruction Association, 8 Hours, Using Delta V to Determine Closing Speeds and Impact Velocity:**  
Using the Pythagorean theorem, law of sines, law of cosines, vehicle weights, and EDR Delta V data to determine departure and closing speeds
- 2013 Accreditation Commission for Traffic Accident Reconstruction, ACTAR # 2721**
- 2013 Ohio Peace Officer Training Commission, 24 hours, Ohio Crash Conference On Commercial Vehicles:**  
Investigation of controlled crash tests to include commercial vehicle drag factors, changes in acceleration, and damage analysis
- 2013 Ohio Traffic Accident Reconstruction Association, 8 hours, Pedestrian Crash Investigation:** Topics include documenting evidence, determining speeds, and types of pedestrian impacts
- 2012 Ohio Traffic Accident Reconstruction Association, 8 hours, Electronic Data Recorder:** Topics include information obtained and analyzing data obtained from electronic data recorders

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## EDUCATION/CERTIFICATIONS (Continued)

- 2011 ARAS 360, 24 hours, ARAS 360 Advanced 3D Computer Diagramming for Crash Reconstruction:** Topics include importing measurements, 3D diagramming, momentum tools, creating animations of accidents.
- 2010 Norfolk Southern, 8 hours, Rail Transportation of Hazardous Materials:** Topics include identifying hazardous materials and response to railroad collisions and incidents.
- 2008 Visual Statement Inc., 8 hours, Forensic Mapping Using Nikon NPL-300 Series Total Station:** Topics include measuring accident and crime scenes with the Nikon Total Station, downloading measurements into diagramming software, and merging scenes.
- 2008 Visual Statement Inc., 40 hours, Basic/Advanced Diagramming and Animation with Total Station:** Topics include 2D and 3D diagramming, momentum tools, surfacing, scaled diagramming, and animations.
- 2007 IPTM University of North Florida, 40 hours, Traffic Crash Reconstruction Update:** Topics Include determining coefficient of friction, speed calculations, vault equations, occupant kinematics.
- 2007 Ohio Peace Officer Training Academy, 40 hours, Commercial Vehicle Investigation and Enforcement:** Topics include inspecting commercial vehicles, air brake lag times, commercial vehicle weights with respect to accident investigation.
- 2006 Northcoast Polytechnic Institute, 16 Hours, Technology Issues in Accident Investigation and Reconstruction:** Topics include electronic stability control, automatic slip control, anti-lock brake systems
- 2006 Northcoast Polytechnic Institute, 16 hours, Commercial Enforcement, Accident Investigation & Airbags/Black Boxes:** Topics include airbag sensors and information contained from deployment and non deployment events, air brake lag time, determining speeds from skids on commercial vehicles

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## EDUCATION/CERTIFICATIONS (Continued)

- 2006 **Northcoast Polytechnic Institute, 8 hours, Expert Testimony in Accident Reconstruction:** Topics include preparation for expert testimony, qualifying as an expert, admissibility of expert testimony
- 2005 **Laser Technology Inc., 16 hours, Certified Quikmap Operator:** Topics include measuring with laser by triangulation, downloading data, 2D diagramming with CAD Zone.
- 2005 **Ohio Peace Officer Training Academy, 80 hours, Traffic Crash Reconstruction:** Topics include determining vehicle speeds using crush analysis, conservation of momentum, spin analysis, commercial vehicle reconstruction, pedestrian accident reconstruction, motorcycle accident reconstruction
- 2005 **Ohio Peace Officer Training Academy, 80 hours, Vehicle Dynamics:** Topics include determining vehicle speeds from falls, flips, and vaults.
- 2004 **Norfolk Southern Police Department, 24 hours, Grade Crossing Collision Investigation:** Topics include event data recorders, braking systems, legal rights on railroad property, grade crossing approaches and systems.
- 2003 **Police Training Institute, 40 hours, Traffic Crash II:** Topics include lamp analysis, tire inspections, scaled diagramming, principle direction of force, coefficient of friction, determining vehicle speeds
- 2002 **Tactical Crime Suppression Unit, Accident Investigation Level I:** Topics include: Determining vehicle speed from skidmarks and yawmarks, identifying and documenting evidence during initial on scene investigation, measuring accident scenes.

## TEACHING AND EXPERIENCE

### TEACHING

- 2007 Tactical Crime Suppression Unit, 40 Hours, Accident Investigation Level I
- 2008 West Carrollton Police Department, 16 Hours, Accident Scene Diagramming with Total Station
- 2009 West Carrollton Police Department, 40 Hours, Accident Investigation Level I

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2010 West Carrollton Police Department, 40 Hours, Accident Investigation  
Level I

2012 Tactical Crime Suppression Unit, 40 Hours, Accident Investigation  
Level I

2013 Ohio Traffic Accident Reconstruction Association, 40 Hours,  
Accident Investigation

2014 Ohio Traffic Accident Reconstruction Association, 40 Hours,  
Accident Investigation

2015 Ohio Traffic Accident Reconstruction Association, 40 Hours,  
Accident Investigation

### **TECHNICAL SKILLS AND EXPERIENCE**

- †Speed Calculations from Skidmarks, Damage, Momentum,  
Spin Analysis
- †Time/Distance Calculations
- †Photography
- †Forensic Mapping and Diagramming
- †Vehicle Lamp/Tire Analysis
- †Commercial Vehicle Accident Reconstruction
- †Motorcycle Accident Reconstruction
- †Occupant Kinematics
- †Pedestrian Accident Reconstruction
- †3 Dimensional Diagramming and Animation
- †Railroad Crossing Collision Investigation

### **COURTROOM TESTIMONY, DEPOSITIONS, AND AFFIDAVITS**

- 10-07-15 Hamilton County Ohio Common Pleas Court, Deposition on  
Case # A 1401224
- 03-26-14 Montgomery County Ohio Common Pleas Court, Grand Jury  
Testimony on Case # 2014 CR 03711
- 11-17-11 Montgomery County Ohio Common Pleas Court, Affidavit of  
Findings on Case # 2011 CV 01767
- 05-18-10 Montgomery County Ohio, Expert Testimony on Case #  
2010 CR 01506
- 08-28-07 Montgomery County Ohio, Expert Testimony on Case #  
2005 CV 02942

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12-20-06 Montgomery County Ohio, Deposition on Case #  
2005 CV 02942

### **LAW ENFORCEMENT TRAINING**

- 2016 Ohio Association of Chiefs of Police, 13 Months, Certified Law Enforcement Executive, CLEE
- 2015 Ohio Association of Chiefs of Police, Advanced Public Records, Developing records retention schedule & Impact on Personnel Records
- 2015 Pointman Leadership Institute, Leadership: The Power of Character
- 2014 Ohio Peace Officer Training Academy, 16 Hours, Evidence Room Management
- 2011 Van Meter & Associates, Internal Investigations Function
- 2009 Ohio Association of Chiefs of Police, 120+ Hours, Police Executive Leadership College
- 2008 Van Meter & Associates, 8 hours, First Line Supervision
- 2007 Ohio Peace Officer Training Academy, 40 hours, Instructors Training
- 2005 Miami Valley Regional Crime Lab, 120 hours, Evidence Technician
- 2005 National Incident Management Systems, 8 Hours, Federal Emergency Management Agency

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### **EMPLOYMENT HISTORY**

- 09-05-16 to Present* **West Carrollton Ohio, Deputy Chief of Police**  
Responsible for day to day operations of the police department to include Road Patrol, Detective Section, Internal Investigations and personnel.
- 04-06-15 to 09-05-16* **West Carrollton Ohio, Administrative Sergeant**  
Accreditation Manager, Property Room Manager, Community relations Coordinator, and other general administrative duties
- 11-21-11 to Present* **Crashteam Ohio and Southern Indiana**  
Provide accident reconstruction services for various clients. Services include: Scene mapping, general and detailed accident reconstruction, 3D diagramming and animations, completing reports of expert opinion, and expert testimony.

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*06-23-08 to 04-06-15*    **West Carrollton Ohio, Police Sergeant**

Responsibilities include supervision of road patrol, Redflex traffic systems coordinator, Accident Investigation Team Leader, neighborhood watch coordinator, evidential photography coordinator, overseeing road patrol functions by shift assignment, and general police supervisory duties.

*02-11-01 to 06-23-08*    **West Carrollton Ohio, Police Officer**

Responsibilities include technical traffic accident investigation and reconstruction, traffic enforcement, enforcement of criminal law, bicycle patrol, evidence technician, and all other general police duties.

*09-18-99 to 02-11-01*    **Jackson Township Ohio, Police Officer**

Responsibilities include traffic and criminal law enforcement, accident investigation, assisting community, and general police functions.

*12-11-95 to 12-11-01*    **United States Army, Military Police**

Responsibilities include battlefield circulation control, area security, convoy security, EPW operations