

**RUSSELL A. GALLO**

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**CURRICULUM VITAE**

**EDUCATION:**

Fairleigh Dickinson University, Bachelor of Science  
Chubb Institute, Diploma in Computer Programming  
Northwestern University, Traffic Institute  
Traffic Accident Reconstruction

**CERTIFICATIONS:**

Licensed Home Builder and General Contractor in the State of New Jersey  
Fully Accredited Traffic Accident Reconstructionist,  
Accreditation Commission for Traffic Accident Reconstruction,  
A.C.T.A.R. #3049

**EXPERIENCE:**

Associate with John Desch Associates Inc.,  
an Accident Reconstruction and Traffic Engineering Firm,  
2012-present  
Information Technology Manager, Express Scripts, 2010-2012  
Mainframe Programmer/Consultant, RMK Consulting Inc., 2009-2010  
General Contractor, Russ Gallo General Contracting, 2007-2009  
Senior Software Application Architect, Medco Health Solutions, 1995- 2007  
Senior Programmer Analyst United Parcel Service, 1993-1995  
General Contractor/Builder, Russ Gallo Construction Inc.,  
1976-1993

**PROFESSIONAL AFFILIATIONS:**

NJAAR      New Jersey Association of Accident Reconstructionists



## **SPECIALIZED ACCIDENT RECONSTRUCTION TRAINING**

**Russell A. Gallo**

Northwestern University, Traffic Institute

- Accident Investigation I
- Accident Investigation II
- Vehicle Dynamics
- Traffic Accident Reconstruction I

### **CONFERENCES / SEMINARS:**

2013 Combined Conference (5 Hosting Organizations)  
(NJAAR – NAPARS – MdATAI – NYSTARS – NATARI)

NJAAR hosted the 2013 Joint Conference on Collision Investigation and Reconstruction, with a focus on “Basic and Advanced Concepts Using Conservation of Linear Momentum”.

- Accident Reconstruction for cases Involving Injuries, presented by Alan Cantor.
- The Engineering of Human Injury Reconstruction, presented by Brian Benda.
- Basics of Momentum/Secondary Slap Impacts within the “Collision Circle”; Conservation of Linear Momentum, presented by Wade Bartlett.
- Driving Under the Influence of Drugs and Alcohol, presented by Dr. John Brick.
- Crash Avoidance Technology, presented by Mercedes Benz.
- Effects of Tire Composition and Design on Performance, presented by Anthony Galuppo.
- Coefficient of Friction; Tire/Surfaces, presented by Wade Bartlett
- Advanced Momentum Concepts, presented by Andy Rich.

Atlantic City, NJ

October 9-11, 2013

2014 Combined Conference (Hosted by NAPARS)

(Participating Organizations: NJAAR – MdATAI – NYSTARS – NATARI)

NAPARS hosted the 2014 Joint Conference on “Crash Damage Energy” and the use of crash damage and energy in reconstructing traffic crashes, from the early days of Crash3 to the present use of computer damage analysis.

- Crash Damage and Energy, presented by Ray & Brian McHenry.
- Vehicle Stiffness Coefficients and issues in utilizing crush to determine speed, by Daniel W. Vomhof, III.
- Utilizing Crush Damage, Delta-v & Momentum in accident reconstruction, by George H. Meinschein, P.E.
- Digital Forensics of Heavy Vehicle ECMs (*Electronic Control Modules*), by Dr. Jeremy Daily.
- Study on the utility of Small UAVs (*Unmanned Aerial Vehicles*) at vehicle crash scenes, by Drew Jurkofsky.
- Memory Formation and Recall, by Dr. Shari R. Berkowitz.



- Mobile Forensics – Recovery of Evidence from Mobile Devices, by Buddy Tidwell.
- Full scale/full speed vehicle crash testing and analysis.  
Portland, Maine September 10-12, 2014

2016 Combined Conference - WREX 2016 World Reconstruction Exposition – (Hosted by 21 crash associations from the United States, Canada and around the world)

(ASPACI – CA2RS – CATAIR – IAARS – IACAI – IATAI – APTM – ITAI – MATAI – MdATAI – NAPARS – NATARI – NJAAR – OTARA – PCARS – PSFM – SATAI – SCARS – SOAR – TAARS - WATAI)

WREX was the largest training event for crash investigators that has ever been held. This weeklong event included world class speakers, a full day of high speed crash testing, interactive field testing, along with classroom training in the breakout fields of:

- Using limited vehicle data to estimate time/distance/speed relationships.
- Vehicle velocity extraction from witness video.
- Investigation of emergency vehicle crashes.
- Heavy vehicle speed analysis.
- Motorcycle and speed estimation methods.
- Speedometers and collision reconstruction.
- Commercial vehicle air brake systems – air brake inspection and analysis.
- Traffic signals and accident reconstruction.
- Autonomous vehicle systems.
- EDR data - SDM (sending diagnostic module) - Survivability.
- Human factors in nighttime crashes.
- Motorcycle collision reconstruction.
- Pedestrian/bicyclist accident reconstruction.
- Crash data retrieval update.
- Distracted driving investigations.
- Digital forensics and heavy vehicle collision reconstruction.
- Rollover crashes.
- Tire failure analysis; tire factor performance and collision reconstruction.
- Human factors and the anatomical blind spot.
- The effect of alcohol and cannabis on driving.
- Air disc brakes; inspection & analysis.
- Heavy vehicle crash reconstruction.
- Event data recorder (EDR) anomalies & limitations.
- Video analysis of traffic collisions.

Orlando, Florida

May 2-6, 2016

