

**CURRICULUM VITAE**

**EDUCATION:**

Bergen County Police Academy, Basic Police Training  
Loyola University, Chicago, Illinois  
U.S. Marine Corps. U.S. Air Force Police Academy, San Antonio, Texas  
University of North Florida, Institute of Police Technology & Management

- At-Scene Traffic Accident Investigation
- Advanced Traffic Accident Investigation
- Traffic Accident Reconstruction

Texas Engineering Extension Service, Texas A & M University  
Advanced Accident Reconstruction

**CERTIFICATIONS:**

Fully Accredited Traffic Accident Reconstructionist Accreditation Commission for  
Traffic Accident Reconstruction ACTAR #767  
Certified Occupant Restraint Usage and Enforcement Instructor  
Certified Traffic Radar Operator

**EXPERIENCE:**

Experience as Police Officer since 1984  
Presently Patrol Sergeant with the Mahwah, New Jersey Police Department  
Instructor in Occupant Protection Courses for the N.J. Office of Highway Traffic  
Safety  
Associate with John Desch Associates, Inc. a Traffic Accident Reconstruction  
and Engineering Firm, 1995- present

**PROFESSIONAL AFFILIATIONS:**

BCTOA	Bergen County Traffic Officers Association
NJAAR	New Jersey Association of Accident Reconstructionists

**MISCELLANEOUS:**

Emergency Medical Technician  
Safety Belt Use/Non-Use Injury Investigation  
Child Restraint Systems  
DWI/Vehicular Homicide Investigation  
Traffic Law Enforcement  
Commercial Vehicle Accidents

## **SPECIALIZED ACCIDENT RECONSTRUCTION TRAINING:**

**Robert P. Sinnaeve**

Institute of Police Technology and Management, University of North Florida

- Special Problems in Accident Reconstruction
- Occupant Kinematics
- Inspection and Investigation of Commercial Vehicle Accidents

U.S. Department of Transportation, National Highway Traffic Safety Administration

- Occupant Protection Usage and Enforcement Instructors Course

Chrysler Motors Technicians Course, Monmouth County, New Jersey

- Supplemental Inflatable Restraint Systems (Air Bags)

Northwestern University, Chicago, Illinois

- DWI Vehicular Homicide Conference, 1996 and 1997

NATARI-NAPARS-MATAI-NJAAR-NYSTARS Combined Conference

- Low Speed Crash Analysis/Forensic Tire Examination  
Atlantic City, New Jersey – October 1-3, 1997
- Motorcycle Accident Reconstruction  
Waldorf, MD – September 30 – October 2, 1998
- Commercial Vehicle Reconstruction  
Allentown, PA - October 6-8, 1999
- Investigating Bus and Train Collisions  
Albany, New York– October 3-5, 2001
- Event Data Recorders/Crush Documentation and Analysis  
Ocean City, Maryland – September 11-13, 2002
- Pole Impact Testing and Analysis/New Car and Car Lighting Technology/  
Impact Factors Influencing Pattern of Injuries/ Biomechanics/ Digital  
Photography  
Atlantic City, New Jersey – October 1-3, 2003
- Rollover Crash Testing and Analysis/Electronic Crash Data Recorder  
Update/DNA in Accident Reconstruction  
Ocean City, Maryland – October 6-9, 2004

WREX 2000 Combined Conference (22 Hosting Organizations)

TAARS – NJAAR – NYSTARS – SOAR – NATARI – NAPARS – MATAI – IAARS – CATAIR – CAARS, etc.)

- Crash Protocol, Coefficient of Friction Testing, Tractor Trailer Air Brake Testing, Motorcycle to Barrier Crash Testing and Vehicle-to-Vehicle High Speed Crash Testing, Total Station Crush Dimensioning, Forensic Mapping, Lamp Examination, Vehicle Restitution, Alcohol Involvement, Trailer Underride Conspicuity and Human Factors, Driver's Detection and Response Process, Highway Liability.  
College Station, Texas, Texas A&M University – September 24-29, 2000.

2006 F<sup>3</sup>T<sup>2</sup> Combined Conference (12 Hosting Organizations)

(CATAIR – MATAI – PSFM – SEARS – IAARS – NAPARS – SCAARS – SOARS - NYSTARS – SATAI – WATAI, etc.)

- Crash Tests, Dynamic Deceleration Testing, Tire-Road Friction Related to Drag Sleds, Applicability of Crush Analysis Formulas, Nighttime Perception/Reaction Test, Highway Sightlines for Accident Reconstruction – Houston, TX- September 17-21, 2006.

2007 Combined Conference/Investigating Eccentric Collisions

(NYSTARS – NJAAR – NAPARS – NATARI – MATAI)

- Occupant Kinematics in a Rotational Collision, Injury Patterns, Crash Data Retrieval (CDR) Up-dates, Eccentric Crash Testing - Binghamton, New York – October 24-26, 2007

2008 Combined Conference (5 Hosting Organizations)

(NJAAR – NYSTARS – NAPARS – NATARI – MATAI)

- Issues in lateral pole collisions, commercial vehicle event data recorders, critical speed yaw special situations, alcohol/cannabis/stimulants/opiates and driving, airborne analysis, lateral pole crash testing and test data review – Atlantic City, New Jersey – October 15-17, 2008.

2009 Combined Conference (6 Hosting Organizations)

(NAPARS – NATARI – MATAI – NJAAR - NYSTARS - PSFM)

- Heavy vehicle crash reconstruction, commercial motor vehicle electronic data sources and data extraction techniques, analysis of Detroit Diesel (DDDL) reports and MCSAP Internet resources, Conservation of Linear Momentum restrictions regarding heavy vehicles versus passenger vehicle collisions, air brake adjustment and stopping ability of heavy trucks, combining aerial photograph and forensic mapping data, tractor-trailer crash testing – Ocean City, Maryland – October 7-9, 2009.

SOKKIA Electronic Total Station Forensic Mapping Training – 1997

2010 Combined Conference (6 Hosting Organizations)

(MATAI – NAPARS – NJAAR – NYSTARS – NATARI – PSFM)

“Trailer Underride Collision Reconstruction”

- Side Underride Analysis, Commercial Vehicle Conspicuity System Requirements – Federal MCSAP Regulations, Investigation and Documenting Conspicuity in Side Underride Crashes, Principles of Headlights, Sudden Acceleration Incidents – A Mechanical Perspective, CDR Update Information, Truck Rollover Investigation and Reconstruction, Equivalent Barrier Speed – Kinetic Energy Equivalent Speed – Delta-v and The First Law of Thermodynamics, Reconstructing a Nighttime Crash, Low Light Forensic Photography – Documentation of Evidence at Night, Applications of Aerial and Satellite Imagery in Traffic Accident Reconstruction, Mapping and Diagramming. – Ocean City, Maryland – October 6-8, 2010.