

SKE Forensic Consultants, LLC



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JOHN G. KARPOVICH CURRICULUM VITAE

CURRENT POSITION:

Mr. Karpovich manages the satellite office for SKE Forensic Consultants in North Myrtle Beach, South Carolina as an affiliated consultant. John has over 1,400 hours of courses and training specifically related to the accident reconstruction profession. He has been a fully accredited board-certified accident reconstructionist throughout nearly three decades in the private sector. John's training and experience has aided him on being retained on numerous high-profile traffic crashes throughout the country.

EDUCATION:

Bergen County Police Academy

- Basic Police Training, 1983

William Paterson College, Wayne, New Jersey, 1981-1984

University of North Florida, Institute of Police Technology Management

- Advanced Traffic Accident Investigation, 1988
- At-Scene Traffic Accident Investigation, 1989
- Special Problems in Accident Reconstruction, 1989
- Traffic Accident Reconstruction, 1989
- Inspection/Investigation of Commercial Vehicle Accidents, 1999
- Applied Physics for the Traffic Crash Investigator, 2004
- Pedestrian / Bicycle Crash Investigations, 2010
- Motorcycle Accident Reconstruction, 2012
- Event Data Recorder Use in Traffic Crash Reconstruction, 2017

New Jersey State Police

- Chemical Breath Analyzer, 1985
- Advanced Accident Investigation, 1988
- Occupant Protection Usage and Enforcement Instructor, 1991

Rutgers University

- Traffic Engineering, 1989

Texas A & M University

- Vehicle Crush & Crash Worthiness, 1998

Motorcycle Safety Foundation (MSF)

- Rider-Skill Training Course, 2011

CERTIFICATION/LICENSE/QUALIFICATIONS:

- Board Certified Traffic Accident Reconstructionist
Accreditation Commission for Traffic Accident Reconstruction
A.C.T.A.R. #183 (Maintained full accreditation from 1992 to present)
- New Jersey Private Investigator, License #8675
- FAA Commercial Drone Pilot License #3924201
- New Jersey Licensed Motorcycle Operator
- Qualified as a Traffic Accident Reconstruction Expert in Superior/Trial Courts in New York, New Jersey and Pennsylvania and Federal Court

EXPERIENCE:

- Heavy Rescue Squad, vehicle extrications; 1980-1992
- Police Officer; 1983-1991
- Avid motorcycle rider since 1982
- Bergen County Prosecutor's Office Fatal Accident Investigation Unit; 1989-1991
- Senior Associate with John Desch Associates, Inc. a Traffic Accident Reconstruction and Engineering Firm; 1991-2010

PROFESSIONAL AFFILIATIONS:

NJAAR	New Jersey Association of Accident Reconstructionists
NATARI	National Association of Traffic Accident Reconstructionists & Investigators
IAARS	International Association of Accident Reconstruction Specialists
NYSTARS	New York Statewide Traffic Accident Reconstruction Society
SCARS	South Carolina Association of Reconstruction Specialists

SPECIALIZED ACCIDENT RECONSTRUCTION TRAINING

NATARI Conference

- Vehicle Crush Measurement Techniques
Philadelphia, Pennsylvania – October 8-10, 1992

NATARI - NAPARS - MATAI Combined Conference

- Pedestrian Accident Investigation/Analysis
Ocean City, Maryland – October 14-16, 1993
- Motorcycle Collision Investigation/Analysis
Atlantic City, New Jersey – October 19-21, 1994

Supplemental Inflatable Restraints (Air bags)

General Motors Training Facility, Tarrytown, New York
June 14, 1991

Law Enforcement Photography

Monmouth County Fire Academy
November 21-22, 1994

Tire Damage Analysis - Michelin Tire Corporation

Monmouth County, 1994

SOKKIA Electronic Total Station Forensic Mapping Training

Riverdale, New Jersey
January 15-18, 1997



NATARI – NAPARS – MATAI – NJAAR – NYSTARS Combined Conference

- Human Factors in Accident Reconstruction
Lancaster, Pennsylvania – October 5- 7, 1995
- High Speed Crash Testing and Speed from Crush
Waldorf, Maryland – October 3-5, 1996
- Low Speed Crash Analysis/Forensic Tire Examination
Atlantic City, New Jersey – October 1-3, 1997
- Motorcycle Accident Reconstruction
Waldorf, Maryland – September 30-October 2, 1998
- Commercial Vehicle Collision Reconstruction
Allentown, Pennsylvania– 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

NYSTARS – Seminar

- Critical Speed Scuffs / Yaw Mark Theory & Testing
Albany, New York - September 15, 1999
- Vehicle Dynamics during Braking/Cornering, Pedestrian Vehicle Collisions, Occupant Motion
in Rear End Collisions
Yorktown Heights, New York – March 2, 2000
- Critical Speed Scuffs/Yaw Mark Theory Part 2/Expert Witnessing
Albany, New York – September 7, 2000
- Biodynamics & Occupant Kinematics
Yorktown Heights, New York – April 12, 2002
- Perception Reaction Basics & Driver Response
Yorktown Heights, New York – March 10-12, 2005
- Trace Evidence, CDR Updates & Injury Patterns related to collisions
Yorktown Heights, New York – September 10, 2008
- Human Factors Evaluating a Nighttime Response
Yorktown Heights, New York – September 7, 2011
- Heavy Vehicle EDRs
Valhalla, New York – November 19, 2013
- Traffic Engineering/Sight Distance Design
Valhalla, New York – February 10, 2014
- Guardrail designs and Forensics in cell phone investigations.
Yorktown Heights, New York – February 3, 2016

NJAARS – Seminar

- The Relationship Between Crush and Energy in Collision Reconstruction
Sayreville, New Jersey - March 24 & 25, 2000

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 F³T² 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, Texas - 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) Updates, 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

2010 Combined Conference (6 Hosting Organizations)
(NAPARS – NATARI – MATAI – NJAAR - NYSTARS - PSFM)

- Commercial Vehicle Reconstruction & vehicle under-rides crash testing. Perception/reaction during dark lighting conditions. Sudden accelerations in passenger vehicles, photography during dark lighting conditions, aerial photography and conspicuity standards and regulations regarding commercial vehicles –
Ocean City, Maryland – October 6-8, 2010

2011 Combined Conference (6 Hosting Organizations)
(NAPARS – NATARI – MATAI – NJAAR - NYSTARS - PSFM)

- Pedestrian/Bicycle Collisions
Harrisburg, Pennsylvania – October 5-7, 2011

2012 Combined Conference (5 Hosting Organizations)
(NAPARS – NATARI – MATAI – NJAAR - NYSTARS)

- Investigating Motorcycle Collisions
Fishkill, New York – October 17-19, 2012

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

- Advanced Topics in Collision Investigation and Reconstruction
Atlantic City, New Jersey – October 9-11, 2013



WREX 2016 Combined Conference (21 Hosting Organizations)

- The largest worldwide reconstruction exposition ever held.
- Largest staged motorcycle, automobile and truck crash testing.
- Interactive ECM and ACM data acquisition.
- Investigating Emergency Vehicle Collisions
- Distracted Driving
- Speed from Motorcycle Crush Deformation
- Traffic Signal Analysis
- NTSB Highway Crash Investigations
- Autonomous Vehicle Operation
- Perception/Reaction and Conspicuity

Orlando, Florida - May 2-6, 2016

SCARS 2017 Combined Conference (SCARS, IAARS, S.C. Highway Patrol & SeARS)

- Automobile Crash Testing
 - Motorcycle Crash Testing
 - Investigating Trailer Accidents
 - Bridgestone/Firestone Tire Analysis
 - Motorcycle Crush Analysis
 - Heavy Truck Brakes
- Mount Pleasant, South Carolina – July 24-28, 2017

VERICOM COMPUTERS

- Acceleration and Vericom Familiarization
- Passaic County Police Academy, Wayne, New Jersey - March 12-13, 2002
Police Academy, Doylestown, Pennsylvania – March 21, 2003

NIKON CAMERA CORPORATION

- Digital School 101, New York City, New York – November 22, 2003
- Digital School 201, New York City, New York – November 23, 2003

CRASH DATA RETRIEVAL (CDR) Technician Training, Collision Safety Institute
Mahwah, New Jersey – 2007

FORENSIC MAPPING CLASS, Professional Society of Forensic Mapping.
Ocean City, Maryland – October 5, 2010

DIGITAL PHOTOGRAPHY FOR ACCIDENT INVESTIGATION
Harrisburg, Pennsylvania – October 4, 2011

FARO 3-D SCANNING, Redding Forensics
Oakland, New Jersey – July, 2012

DETROIT DIESEL DIAGNOSTIC and DDEC REPORTS – Tactical Training Strategies
Oakland, New Jersey - January 25, 2013

EDR (Event Data Recorder) Summit
Houston, Texas – March 5 – 7, 2018.

MOTORCYCLE CRASH INVESTIGATIONS hosted by NJAARS
Sayreville, New Jersey – May 3, 2018



**2018 Combined Conference (5 Hosting Organizations)
(NAPARS – NATARI – MATAI – NJAAR – NYSTARS)**

- Pedestrian Collisions
Lake George, New York – October 17-19, 2018

PIX4D Software Training Class presented by Forensic Mapping Solutions

Morris County Police Academy, October 22 -24, 2018

GUEST SPEAKER

Passaic County Technical Institute, 2006.

Topic – What is a Traffic Crash Reconstructionist?

Gallagher Bassett Services, 2006.

Topic – Evidence Collection

Insurance Council of New Jersey (ICNJ), 9th Annual Symposium, 2007.

Topic – Event Data Recorders.

Institute for Continuing Legal Education (ICLE), 2007.

Topic – Forensics in Crash Reconstruction.

Mercury Insurance, 2009.

Topic – Responding to a Catastrophic Collision

Crum & Foster Insurance, 2010.

Topic – Event Data Recorders and Evidence Documentation

