

SKE forensic consultants LLC



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www.skefc.com

JOHN C. SCOTT

CURRICULUM VITAE

CURRENT POSITION:

Co-founder and partner of SKE forensic consultants LLC, a private consulting firm specializing in the analysis and reconstruction of traffic accidents.

CERTIFICATIONS/QUALIFICATIONS:

Court qualified as an Accident Reconstruction Expert Witness in the following states:

- New York Supreme Court
- New Jersey District and Superior Court
- Pennsylvania Superior Court

Fully Accredited Traffic Accident Reconstructionist from the Accreditation Commission for Traffic Accident Reconstructionists – ACTAR #792 (1997)

State of New Jersey Private Detective License No. 8765

Certified as a Crash Data Retrieval Technician – Vetronix Corp (2002)
Airbag sensor and crash recording data technology

Re-Certification Crash Data Retrieval Technician and Analyst – Vetronix Corp (2007)
Airbag sensor and crash recording data technology

Re-Certification Crash Data Retrieval Technician and Analyst – Bosch/Vetronix (2009)
Airbag and restraint sensor crash data technology

EDUCATION:

Spaulding High School, Rochester, NH

- High School Diploma, 1986

University of New Hampshire, Durham, NH

- Various Civil Engineering Courses 1988-1989

Columbia University, New York, New York

- Bachelor of Arts Degree, 1999

PROFESSIONAL EDUCATION (40 – 80 hr Courses)

Arkansas State University

- Commercial Vehicle Accident Investigation and Reconstruction, 1994

Texas A&M, Engineering Extension Service

- Motorcycle Accident Reconstruction, 1994

Northwestern University, Traffic Institute, Evanston, Illinois

- Microcomputer-assisted Traffic Accident Reconstruction – EDCRASH, 2000

Engineering Dynamics Corporation, Los Angeles, California

- Certificate in Simulation of Motor Vehicle Accident Reconstruction – EDSMAC, EDSMAC4, EDVTS & EDSVS, 2003

University of North Florida, Institute of Police Technology & Management

- At-Scene Traffic Accident Investigation, 1990
- Accident Reconstruction Photography, 1990
- Advanced Traffic Accident Investigation, 1991
- Traffic Accident Reconstruction, 1992
- Pedestrian and Bicycle Accident Investigation, 2010

PROFESSIONAL EXPERIENCE:

Civilworks, Inc., Traffic Engineers and Civil Engineers, Dover, New Hampshire, Engineering Tech, Principle Draftsperson & Survey Crew Member (1988-1991)

- Responsibilities included performing engineering calculations for site layout and design, survey crew team member for subdivisions and property boundaries and principle draftsperson for all survey and site plans.

Northeast Collision Analysis, Inc., Rochester, New Hampshire, Senior Consultant full-time in Accident Reconstruction (1990-1996)

- Developed a company protocol on the collection of accident scene evidence using survey equipment with digital documentation. Investigated numerous accident scenes on an immediate response while providing assistance to state and local authorities. Analyzed hundreds of motor vehicle, pedestrian, bicycle, and motorcycle and trucking accidents from the investigation stage to full accident reconstruction reports.

John Desch Associates, Inc., Accident Reconstruction and Traffic Engineering

Senior Accident Reconstructionist full-time (1996-2010)

- Served as a senior member of the firm specializing in accident reconstruction and traffic engineering. Created vehicle and site inspection protocols with use of sophisticated software programs. Instituted the use of crash data retrieval from passenger vehicle and commercial vehicle control modules. Analyzed hundreds of accident reconstruction projects and was a senior member of the emergency response team. Provided clients with expert reports and testimony in accident reconstruction matters.

SKE Forensic Consultants LLC, Accident Reconstruction Experts

Partner/Owner (2010 - Present)

- Co-owner and co-creator of a private consulting firm specializing in accident reconstruction. Special expertise includes crash data retrieval from passenger vehicles and commercial vehicle ECMs, proficiency in AutoCAD, HVE-2D collision simulation modeling programs, crash test data evaluations, site and vehicle inspections/testing. Qualified as an accident reconstruction expert in New Jersey and Pennsylvania Superior Courts and New York Supreme Court.

PROFESSIONAL SOCIETIES/MEMBERSHIPS:

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| SAE | Society of Automotive Engineers (member since 2002) |
| NYSTARS | New York Statewide Traffic Accident Reconstruction Society |
| CDR Group | User Group for only Qualified Crash Data Retrieval Analyst |
| INCR Group | User Group for International Network of Crash Reconstructionist |
| NJAAR | New Jersey Association of Accident Reconstructionists |
| NATARI | National Association of Traffic Accident Reconstructionist/Investigators |
| USA Cycling | Registered Member to Race Bicycles competitively Since 1993 |
| League of American Cyclist | – Advocate Member |

SPECIALIZED ACCIDENT RECONSTRUCTION/RELATED TRAINING

SAE (Society of Automotive Engineers)

- Vehicle and Barrier Crash Test Seminar
San Bernadino, California – July 20-23, 1993
- Occupant and Vehicle Kinematics in Rollovers, August 12-16, 2005
- Highway Vehicle Event Data Recorder Symposium
National Transportation Safety Board Academy (NSTB)
George Washington University, Ashburn, VA – June 3-4, 2004
George Washington University, Ashburn, VA – September 5-6, 2007

Northwestern University, Traffic Institute, Evanston, Illinois

- Certificate in Microcomputer-assisted Traffic Accident \Reconstruction– EDCRASH, March 20-24, 2000 (40 hours)

University of North Florida, Institute of Police Technology & Management

- Accident Reconstruction Photography, 1990 (40 hours)
- At-Scene Traffic Accident Investigation, 1990 (80 hours)
- Advanced Traffic Accident Investigation, 1991(80 hours)
- Traffic Accident Reconstruction, 1992 (80 hours)
- Pedestrian and Bicycle Accident Reconstruction, 2010 (40hours)

Engineering Dynamics Corporation, Los Angeles, California

- Certificate in the Simulation of Automobile Accident Reconstruction
EDSMAC, EDSMAC4, EDVTS and EDSVS, January 20-24, 2003 (40 hours)

SOAR Conference

- Collision Analysis of Traffic Accident Related Topics
Orlando, Florida – October 11-14, 1991

IPTM (Institute of Police Technology & Management)

- Special Problems in Accident Reconstruction
Jacksonville, Florida – April 19-23, 1993

NATARI - NAPARS - MATAI – NJAAR – NYSTARS Combined Conferences

- 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 Accident 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 Seminars

- Biomechanics and Injury Causation, presented by Biodynamic Research Corp.,
Yorktown Heights, New York, April 12, 2002.
- Vehicle Dynamics during Braking/Cornering, Pedestrian Vehicle Collisions and Occupant
Motions in Rear-End Collisions
Yorktown Heights, New York, March 2, 2000.
- Human Factors Related to Accident Reconstruction
- Yorktown Heights, New York, September 8, 2011.

- Vehicle Dynamics during Braking/Cornering, Pedestrian Vehicle Collisions, Occupant Motion in Rear End Collisions, Yorktown Heights, NY, March 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, 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.

NAPARS – NATARI – MATAI – NJAAR – NYSTARS – PSFM Conference (2011)

- Focus on Vehicle and Pedestrian Bicycle Collisions with instrumented pedestrian dummies and event data recorder extraction from passenger vehicles by the Tulsa

University Crash Reconstruction Consortium. One day course in Forensic Photography in Accident Reconstruction.
Harrisburg, Pennsylvania – October 4 – 10, 2011.

NATARI Conference

- Driver Response to Traffic Signals, Excel Applications in Traffic Accident Reconstruction and Occupant Injury Patterns, Conshohocken, Pennsylvania, March 22, 2004.

DTI Technologies

- Certificate in 3D Studio Computer Animation Training using 3-D Studio Max
Hudson, New Hampshire – 1995

Columbia University

- College Level Physics and Calculus courses.

RYERSON UNIVERSITY, TORONTO, CANADA

- Certificate in Forensic Animations of Motor Vehicle Accidents
Toronto, Canada - 1993

MAINE STATE POLICE

- Instructor Accident scene diagramming (1993)

VERMONT STATE POLICE

- Instructor in Survey Equipment at Accident Scenes (1994)

MAINE SURVEYERS, INC.

- Certificate in Nikon Total Station Instrument Training – 1990

SOKKIA CORPORATION

- Certificate in Forensic Mapping & Computer Software Training - 1997

VETRONIX/BOSCH CORPORATION/COLLISION SAFETY INSTITUTE

- Crash Data Retrieval System Operator Certification Course,
Baltimore, Maryland, April 13 – 14, 2002.
- Crash Data Retrieval Technician Course
Mahwah, New Jersey, March 19, 2007
- Crash Data Retrieval Data Analyst Course,
Mahwah, New Jersey, March 20-23, 2007
- Crash Data Retrieval Technician and Analyst Course
Egg Harbor Township, NJ, May 18-22, 2009

SPECIALIZED BICYCLING RELATED INSTRUCTION

- League of American Bicyclist Traffic Skills 101 Course
- League of American Bicyclist Traffic Skills 101 Road Test Course
- Instructor for Ridgewood Police Department Bicycle Safety Seminar 2006
- NYSTARS Bicycle Accident Reconstruction Seminar 2007

PUBLICATIONS and PRESENTATIONS

Publications

"A Comparison of Equations for Estimating Speed Based on Maximum Static Deformation for Frontal Narrow-Object Impacts" John C. Scott, Andrew Rich and Joseph Cofone. Accident Reconstruction Journal.

Presentations

Court TV, New York City

- Invited as Accident Reconstruction Expert Appearance (2005)

Brennan-Vanderbilt Inns of Court – Presentation

- Event Data Recorders in Passenger Vehicles and Heavy Truck ECM's (2007)

Presenter on Bicycle Accident Reconstruction and Investigation Seminar

- NYSTAR one-day event on instruction and testing (2007)

Ridgewood Police Department (2006)

- Seminar - Presenter for Community Bicycle Safety Program

New Jersey Association of Accident Reconstruction Specialists (NJAARS)

- Simulations and Accident Reconstruction Seminar (2004)
- Presentation on Latest Accident Reconstruction Technologies (2006)

Vermont State Police

- Instructor for Accident Investigation Unit
Use of Survey Equipment at Accident Scenes (1994)

Trucking Litigation and D.O.T. Regulations Seminar

- Accident Reconstruction Services, Commercial Vehicle ECMS (2006)

Guest Presenter - 2008 Combined Conference (NJAAR, NATARI, NYSTARS, MAITI, NAPARS)

- Commercial Vehicle Event Data Recorders and ECM's

Crum & Foster Insurance, 2010

- Event Data Recorders and Evidence Documentation in Passenger Vehicles and Heavy Truck ECMS