

STEPHEN R. BENANTI

Collision Analysis and Reconstruction Specialist
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EDUCATION

June 1973 **Northern Essex Community College** **Haverhill, MA**
Associates Degree in Liberal Arts

June 1975 **Boston State College** **Boston, MA**
Bachelor of Science Degree in Law Enforcement

June 1985 **Westfield State College** **Westfield, MA**
Master of Science Degree in Criminal Justice

SPECIALIZED EDUCATION

Massachusetts State Police Academy **Framingham, MA**

- Basic Accident Investigation, January 1980 and May 1983
- Advanced Accident Investigation, June 1983
- North American Standard Truck Inspection, April 1990

Massachusetts State Police Academy **New Braintree, MA**

- Day Time vs. Night Time Visibility Perception and Reaction Times, October 1993
- Vericom 2000 Accelerometer, April 2000

Institute of Police Technology and Management **Jacksonville, FL**
University of North Florida

- Traffic Accident Reconstruction, May 1984, held in Framingham, MA
- Special Problems in Traffic Accident Reconstruction, Yearly 1987 through 1997, 2000
- Tire Forensics, August 1985
- Motorcycle Accidents, August 1985, September 1992
- Commercial Vehicle Accident and Inspection, August 1986
- Supervising a Selective Traffic Enforcement Program, October 1991
- Crash Data Recorder Tool Users Kit , held in New Braintree, MA October 2002

Institute of Police Technology and Management Jacksonville, FL
University of North Florida

- Concept of Night Visibility for TAR, August 1993
- Vericom 2000 Accelerometer, December 1993
- Advanced Traffic Accident Reconstruction with the use of Micro-Computers, held at New Braintree, MA, March 1995
- Advanced Traffic Accident Reconstruction with WinCrash, held in Franklin, MA, December 2000
- Bus Accident Investigation, held in New Braintree, Ma, September 1997
- Applied Physics for Traffic Crash Investigators, held in Peabody, MA, September 2001
- Pedestrian/Bicycle Crash Investigation, held in New Braintree, Ma, November 2003

SAE – The Engineering Society for Advancing Detroit, MI
Mobility Land Sea Air and Space

- Motor Vehicle Accident Reconstruction, February 1992

Colorado School of Mines Golden, CO

- Forensic Physics Applied to Accident Reconstruction
August, 1992

Northwestern University Traffic Institute Evanston, IL

- Computer Assisted Introduction to EDCRASH, March 1996
- Computer Assisted Introduction to EDCAD, March 1996
- Computer Assisted Introduction to EDSMAC, April 1996
- Computer Assisted Traffic Accident Reconstruction, EDCRASH,
March 1996

Massachusetts Criminal Justice Training Council Needham, MA

- Commercial Vehicle Accident and Inspection, November 1987

Michelin Tire Company Reno, NV

- Tire Forensics and Vehicle Dynamics, October 1987

Northeast Collision Analysis Rollinsford, NH

- Insurance Fraud and Other Accident Investigation Related Subjects,
June 1991

Merrimack Valley Auto Theft Investigators Association **Portsmouth, NH**

- Fraud Investigative Techniques, November 1993

New England Association of Insurance Fraud Investigators, Inc. **Lowell, MA**

- Insurance Fraud Forum, March 1998

American Traffic Safety Services Association **Braintree, MA
Worcester, MA**

- Traffic Control Supervisor Course, March 1994 & March 2006

Texas Engineering Extension Service **New Braintree, MA**
The Texas A&M University System

- Pedestrian/Bicyclist Accident Investigation, August 1994
- Biomechanics of Accidents, October, 1995
- Applied Physics for Accident Reconstruction, November 1996

Texas Engineering Extension Service **West Palm Beach, FL**
The Texas A&M University System

- Analysis of Low Speed Collisions, December 1997

Texas Engineering Extension Service **Lawrence, MA**
The Texas A&M University System

- Forensic Mapping, April 2000

SRR Traffic Safety Consulting **Natick, MA**

- Time/Distance and Avoidance, November 2005

38th Stapp Car Crash Conference (SAE) **Fort Lauderdale, FL**

- November, 1994

IAARS Seminars **Various Locations**

- Boston, MA, June 1987
- Lake Tahoe, CA, June 1988
- Minneapolis, MN, June 1989
- Vancouver, B.C., July 1990
- Kansas City, MO, July 1991
- Charleston, SC, July 1992
- Portland, ME, July 1994
- Grand Rapids, MI, July 1995
- Boise, ID, July 1996
- Vancouver, B.C., July 1997
- Boston, MA, 1998
- Charleston, SC, July 1999
- Grand Rapids, MI, July 2001
- Boise, ID, September 2009

TAARS, SOAR, & WATAI Combined Seminar	College Station, TX
➤ Truck Rollovers, September 1994	
CA2RS Seminar	Concord, CA
➤ October 1999	
Older Drivers Visual Behavior on the Highway	Waltham, MA
➤ December 1994	
Skip Barber Racing School	Lime Rock, CT
➤ Introduction to Racing, October 1996	
Autodesk System Centers	Franklin, MA
AutoCad LT 2000, June 2000	
F3T2	Houston, TX
➤ Combined Conference, September 2006	
IAARS & SCARS Combined Seminar	Charleston, SC
➤ Combined Conference, July 2007	
IAARS & SCARS Combined Seminar	Atlanta, GA
➤ Combined Conference, July 2008	

International Association of Accident Reconstruction Specialists

(IAARS) 1986 to present Fellow Status

- Elected to Board of Directors

Society of Accident Reconstruction Specialists

(SOAR) 1986 to present

National Association of Professional Accident Reconstruction Specialists

(NAPARS) 1990 to present

The Engineering Society for Advancing Mobility; Land, Sea, Air and Space

(SAE) 1992 to present

Human Factors and Ergonomics Society

(HFES) 1996 to present

American College of Forensic Examiners

(ACFE) 1994 to present Fellow Status

New England Association of Insurance Fraud Investigators, Inc.

(NEAIFI) 1994 to 2004

American Traffic Safety Services Association

(ATSSA) 1994 to present

Professional Society of Forensic Mapping

(PSFM) 1996 to present

California Association of Accident Reconstruction Specialists

(CA2RS) 1999 to present

The Accident Reconstruction Communication Network

(ARC) 2002 to present

American Society of Safety Engineers

(ASSE) 2002 to present

Accreditation Commission for Traffic Accident Reconstruction

(ACTAR) IAARS Representative

TEACHING EXPERIENCE

Massachusetts State Police Academy Framingham/New Braintree, MA

Instructor for Recruit and In-Service Accident Training

- Basic Accident Investigation
- Advanced Accident Investigation
- Traffic Accident Reconstruction

Massachusetts Criminal Justice Training Council Various Locations in MA

Instructor for State Program of Accident Investigation and Reconstruction

- Basic Accident Investigation
- Advanced Accident Investigation
- Traffic Accident Reconstruction

Vermont State Police Academy Waterbury, VT

Instructor for Advanced Accident Investigation

Vermont State Police Academy Pittsford, VT

Instructor for Advanced Accident Investigation

Maine State Police Academy Waterville, ME

Instructor for Advanced Accident Investigation and Traffic Accident Reconstruction

Connecticut State Police Academy Meriden, CT

Instructor for Basic Accident Investigation

New York State Police Academy Albany, NY

Instructor for Basic and Advanced Accident Investigation and Traffic Accident Reconstruction

New Jersey State Police Academy Northfield, NJ

Instructor for Advanced Accident Investigation

United States Postal Service Boston, MA

Instructor for Basic Accident Investigation Seminar

Institute of Police Technology and Management University of North Florida Jacksonville, FL

- Measuring Nighttime Visibility Special Problems in TAR, 1995
- Concept of Nighttime Visibility, April 1995
- Human Factors & Visibility Concepts Hampering Perception & Reaction Times, April 1996
- Adjunct Faculty

INVESTIGATION AND RECONSTRUCTION EXPERIENCE

Lieutenant, Massachusetts State Police - RETIRED after 25 years

Commanding Officer of Massachusetts State Police Collision Analysis and Reconstruction Section (1992 to 2003)

Massachusetts State Police Accident Reconstruction Specialist (1984 to 2004)

- Investigated over 325 accidents
- Reconstructed over 1,453 accidents
- Reviewed over 4,700 reconstruction reports

EXPERT WITNESS

I have testified as an expert witness in Traffic Accident Reconstruction in Massachusetts District and Superior Courts in both Civil and Criminal cases. I have also testified in Federal Court in Massachusetts and Connecticut. I Have testified in the Supreme Court in the State of New York as an expert witness in Traffic Accident Reconstruction as well as Superior Court in Connecticut, Superior Court in New Hampshire, Superior Court in North Carolina, Superior Court in Rhode Island, Court of Common Pleas in Pennsylvania and District Court in South Carolina.

CERTIFICATIONS AND ACCREDITATIONS

American Traffic Safety Services Association (ATSSA)

Worksite Traffic Supervisor

Certification Number 11233

American College of Forensic Examiners (ACFE)

Diplomat Board Certified Forensic Examiner

Fellow of the College

Certification Number 1817

Accreditation Commission for Traffic Accident Reconstruction (ACTAR)

Full Accreditation as a Traffic Accident Reconstructionist

ACTAR Number 179 April 18, 1993