

# STEPHEN R. BENANTI

Collision Analysis and Reconstruction Specialist  
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## EDUCATION

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**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

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**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

**38<sup>th</sup> 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

<b>TAARS, SOAR, &amp; WATAI Combined Seminar</b>	<b>College Station, TX</b>
➤ Truck Rollovers, September 1994	
<b>CA2RS Seminar</b>	<b>Concord, CA</b>
➤ October 1999	
<b>Older Drivers Visual Behavior on the Highway</b>	<b>Waltham, MA</b>
➤ December 1994	
<b>Skip Barber Racing School</b>	<b>Lime Rock, CT</b>
➤ Introduction to Racing, October 1996	
<b>Autodesk System Centers</b>	<b>Franklin, MA</b>
AutoCad LT 2000, June 2000	
<b>F3T2</b>	<b>Houston, TX</b>
➤ Combined Conference, September 2006	
<b>IAARS &amp; SCARS Combined Seminar</b>	<b>Charleston, SC</b>
➤ Combined Conference, July 2007	
<b>IAARS &amp; SCARS Combined Seminar</b>	<b>Atlanta, GA</b>
➤ 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 2010*

**Accreditation Commission for Traffic Accident Reconstruction**

*(ACTAR) IAARS Representative*

TEACHING EXPERIENCE

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**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

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**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 1,509 accidents
- Reviewed over 4,700 reconstruction reports

## EXPERT WITNESS

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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

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**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*