

## Curriculum Vitae of

### Steven Mawhinney

2730 Brownsville Road  
Langhorne, PA 19053  
215-702-9521  
email: BTPD03@msn.com

#### Experience:

2017 - present Instructor for Institute of Police Technology and Management

2011- present Bucks County District Attorney's Office

Chief of District Attorneys special investigation unit for Homicide by Auto

2017- present Bucks County Park System

Chief of Rangers September 2017 to present

2011- 2017 Langhorne Borough Police Department

Chief of Police May 2011 to September 2017

2014 - present Instructor Bucks County Police Training Center

Crash Investigation

1986 – 2011 Bristol Township Police Department Levittown, PA

**Sergeant** 1995 – May 2011

- Supervise between 6 and 12 Police Officers
- Supervise Detectives on Duty
- Oversee Critical Accidents
- Placed in charge of Traffic Unit 2000

**Police Officer** 1986-1995

- Patrol Duties
- Assigned to Traffic Investigation Unit

1981 – 1986 Bristol Borough Police Department

Bristol, PA

**Police Officer**

- Patrol Duties
- Handled all fatal accidents 1984

1979 – 1981 Tullytown Borough Police Department Tullytown, PA **Police Officer**

- Patrol Duties

1976 – 1979 Bristol Township Police Department Levittown, PA

**Police Dispatcher**

- Receive calls from public – dispatch police units

**Education:****1986 Philadelphia Police Academy**

Pennsylvania Municipal Police Academy, recruit training, accident investigation

**1979 Temple University**

Pennsylvania Municipal Police Academy, recruit training, accident investigation

**Training:**

2020 Using Microsoft Excel for Traffic Crash Reconstruction – Rich Consulting, LLC

2020 Pennsylvania State Police virtual Seminar

2020 Attended the Virtual Joint Conference, motorcycle turning, rollover crashes, GPS data, Chip data from Modules and Considering tire in your investigation

2020 Faro Zone 3D User Training, ai2-3D Forensics

2019 Pennsylvania State Police Collision Reconstruction Seminar

2018 Pennsylvania State Police Collision Reconstruction Seminar

2018 Excel for Collision Reconstruction

C. Gregory Russell – Bucks County Police Training Center

2017 Pennsylvania State Police Collision Reconstruction Seminar

2016 Pennsylvania State Police Collision Reconstruction Seminar

2016 Advanced Collision Reconstruction with CDR Applications

2016 World Reconstruction Exposition, Orlando, Florida

2016 Bosch CDR Technician and Introduction to EDR Data Analysis

2015 Pennsylvania State Police Collision Reconstruction Seminar

2014 Occupant Kinematics- Institute of Police Technology and Management

2013 Pennsylvania State Police Collision Reconstruction Seminar

2013 Pedestrian Reconstruction Investigation- West Chester, Pa.

C. Gregory Russell

2012 Advanced Collision Reconstruction with CDR Applications- West Chester, Pa.

C. Gregory Russell and Brad Muir

2012 Pennsylvania State Police Collision Reconstruction Seminar

**Training (continued):**

2012 Traffic Calming- Penn dot training dealing with methods to deal with congestion and speed traffic.

2012 Crush Energy Analysis in Collision Reconstruction- West Chester, Pa.  
C. Gregory Russell

2011 Advanced Collision Investigation and Reconstruction - West Chester, Pa. C. Gregory Russell - dealing with solving with advanced momentum methods and PDOF

2011 Pennsylvania State Police Collision Reconstruction Seminar

2010 Pennsylvania State Police Collision Reconstruction Seminar

2009 Motorcycle Crash Investigation - Institute of Police Technology and Management

2008 Advanced Commercial Vehicle Crash Investigation - Institute of Police Technology and Management

2008 Human Factors in Traffic Crashes – Jeffrey W. Muttart, West Chester Pa.

2008 Inspection and Investigation of Commercial Vehicle Crashes - Institute of Police Technology and Management

2008 Night Time Visibility Issues – Institute for Law Enforcement Education

2008 Driving /under the Influence; Traffic Stop to Trial – Bucks County Pa. Police Training center

2007 Energy Methods and Damage Analysis in Traffic Crash Reconstruction - Institute of Police Technology and Management

2006 Applied Physics for Traffic Crash Investigators - Institute of Police Technology and Management

2006 Commercial Motor Vehicle Inspector Rectification Class

2006 Pennsylvania State Police Instructor Development

2006 Pennsylvania State Police Collision Reconstruction Seminar

2005 Commercial Motor Vehicle Inspector Rectification Class

2005 N.A.T.A.R.I. Joint Conference

2005 Supervisor's Response to Critical Incidents

2005 National Safe Kids Campaign Child Safety Seat Course  
Technician Certification #T68939

2004 Joint Reconstruction Conference in Ocean City Maryland

2004 ASC Inc. Data Collection Using Nikon Total Station Course

2004 Visual Statement Computer Aided Diagramming Training

2004 N.A.T.A.R.I. Spring Conference  
Occupant Seating Positions from Injury Patterns, Human Factors in Response to Traffic Signal  
Micro Soft Excel in Traffic Crash Reconstruction

2004 Commercial Motor Vehicle Inspector Recertification Class

2003 Commercial Motor Vehicle Inspector Recertification Class

2003 Pa Crash Reporting System Update

2003 Trained in the use of the Vericom Accelerometer

2002 Trained in the use of the NIKON Laser mapping *device (I own a Nikon Total Station for scene mapping)*

2002 Motorcycle Crash Investigation - Institute of Police Technology and Management

2002 Pedestrian/Bicycle Crash Investigation – Institute of Police Technology and Management

2002 Maryland State Highway Office of Traffic & Safety Training – Conference on Injury Interpretation &  
Data Recorders

2002 NATARI Spring Conference- Tire Damage

2002 Commercial Motor Vehicle Inspector Recertification Class

2002 Accident Reconstruction Refresher

2001 Crush, Spin & Momentum Refresher

2001 Basic Traffic Accident Investigation

2000 Traffic Occupant Protection Strategies Training Workshop  
This training is for Officers who will be administering State and Federal Grant Programs dealing with  
motor vehicle passenger's protection. Course deals with handling financial portions of the grants,  
enforcement plans, and occupant protection.

2000 Motor Vehicle Weighing

1999 Commercial Motor Vehicle Inspector Recertification Class

1998 EC/IR Changeover-Breath Testing

1996 Accident Reconstruction Refresher

1996 Advanced Accident Refresher

1996 Basic Accident Refresher

1996 North American Standard Driver/Vehicle Inspection Training Program Certified  
Commonwealth

Employee #9095

Offered by the U.S. Department of Transportation, this is an eighty-hour course in which students are taught enforcement of Federal and State regulations with regards to Commercial Vehicles, including but not limited to large trucks.

Course includes air-braking systems, hydraulic brakes, lighting requirements; suspension and detailed instruction on reading and interpreting driver's log books and hours of service.

1996 Penn State University, Police Supervisor In-Service Training Institute

1994 Accident Reconstruction Refresher

1994 Advanced Accident Refresher

1994 Basic Accident Refresher

1993 Acutrak Speed Timing

1992 Enforcement of Commercial Vehicle Regulations

1991 Intoximeter Model 3000 Breath Testing for BAC

1990 Accident Reconstruction -University of North Florida – Institute of Police Technology  
and Management

Students are taught the use of advanced theories, including the conservation of linear momentum. Application of time and distance studies and how they relate to the causation of motor vehicle crashes.

1989 Advanced On-Scene Homicide Accident Investigation

1987 VASCAR-PLUS Electrical-Mechanical Speed Timing Device

1984 Advanced Traffic Accident Investigation

1984 Basic Traffic Accident Investigation

**Certifications:**

2003 A.C.T.A.R. (The Accreditation Commission for Traffic Accident Reconstruction)  
#1456

**Membership:**

2011 Buck County Police Chief's Association

2011 Pennsylvania Chiefs of Police Association

2011 International Association of Chief of Police

2009 Member of IATAI (Illinois Association of Technical Accident Investigators)

2005 Member of NJAAR (New Jersey Association of Accident Reconstructionists)

2003 Member of NATARI (National Association of Traffic Accident Reconstructionists and Investigators)

**References available on request**