

**Corporal John Roche**  
Pennsylvania State Police  
Bureau of Criminal Investigation  
Special Investigation Service  
Computer Crime Unit  
Southwest Computer Crime Task Force Coordinator  
4221 Route 288 Highway West  
Indiana, PA 15701  
724-357-2001

**Task Force Memberships:**

United States Department of Justice – Crimes Against Children Task Force  
Federal Bureau of Investigation - High Tech Computer Crimes Task Force  
Pennsylvania State Police – Southwest Computer Crime Task Force  
Internet Crimes Against Children Task Force

**Authority:**

State Trooper - Pennsylvania State Police  
United States Marshall – Special Deputy

**Assignments / Unit Designations:**

Pennsylvania State Police Computer Crime Unit  
Pennsylvania State Police Troop “A” Computer Crime Unit

**Organizational Memberships:**

International Association of Computer Investigative Specialists

**Clearance:**

United States Government - *Top Secret* Clearance

**Certifications:**

- A+ Certification, an international industry credential that validates the knowledge of computer technicians with the equivalent of 500 hours of hands-on experience.
- Network+ Certification, an international industry credential that validates the knowledge of networking professionals with at least nine months of experience in network support of administration or adequate academic training.
- CEECS (Certified Electronic Evidence Collection Specialist), through IACIS (The International Association of Computer Investigative Specialists). This certifies the recipient as a specialist in the collection of computer and electronic based evidence using best practices.

- CFCE (Certified Forensic Computer Examiner) through IACIS (The International Association of Computer Investigative Specialists). This certification is an international industry credential that validates the knowledge of Law Enforcement and Investigative professionals with expertise in forensic examination of computer evidence.
  
- ENCE® (EnCase Certified Examiner), The EnCase® Certified Examiner (EnCE®) program certifies both public and private sector professionals in the use of Guidance Software's EnCase computer forensic software. EnCE® certification acknowledges that professionals have mastered computer investigation methodology as well as the use of EnCase during complex computer examinations. Recognized by both the law enforcement and corporate communities as a symbol of in-depth computer forensics knowledge, EnCE® certification illustrates that an investigator is a skilled computer examiner.
  
- ACE (AccessData Certified Examiner), The AccessData Certified Examiner program certifies individuals in both public and private sectors on their proficiency in the use of AccessData products including: Forensic Toolkit (FTK), FTK Imager, Password Recovery Toolkit (PRTK) and Registry Viewer. The ACE credential provides corporate and law enforcement agencies with recognition of AccessData tool-centric knowledge and practical application of the Ultimate Toolkit.

### **Experience Highlights:**

1991

#### **Pittsburgh Housing Authority Police Department - Police Officer**

Conducted Police activities including; patrol, responding to calls for assistance, making arrests for traffic and criminal violations, conducting investigations and other required duties in and around Pittsburgh's public housing communities.

1991 – 1999

#### **Pennsylvania State Police – Trooper**

*Greensburg Station, Washington Station, Pittsburgh Station, Kittanning Station, Findlay Station, Pittsburgh Station*  
Assigned to patrol (including Motorcycle Patrol) at various State Police installations throughout Western Pennsylvania including Troops A, B and D. Conducted Traffic enforcement duties, investigated traffic crashes including fatalities and vehicular homicides, investigated and made arrests for various crimes including aggravated assaults, forgeries and burglaries, responded to major emergencies including Flight 427.

1993-1994

**Pennsylvania State Police Trooper - Criminal Investigator**

Criminal Investigation Unit - State Police Greensburg Station. Conducted criminal investigations for major crimes including homicide, rape, aggravated assault, burglary etc, prepared and served search warrants, arrest warrants and other legal processes, conducted interviews and interrogations, prepared investigative reports and memorandums.

1999 - 2007

**Pennsylvania State Police Trooper - Computer Crime Investigator /**

**Computer Forensics Examiner**

*Pennsylvania State Police - Area III Computer Crime Task Force*

*Pittsburgh High Technology Task Force*

*Sworn Deputy United States Marshal*

Conduct computer crime investigations and computer forensic examinations microcomputer systems, networks and electronic storage media; provide technical assistance to Federal, State and local law enforcement agencies relative to computer crime investigations; prepare and serve search warrants, arrest warrants, court orders and other legal processes; prepare technical reports in both paper and web based formats; test and validate software tools and utilities used in forensic examinations; plan, develop and provide courses of instruction to state and local law enforcement related to computer crime investigation. Responded to major investigations and emergencies including Flight 93 in Shanksville, PA.

2005

**Computer Forensic Expert Trainer**

*Educational Resources Group, Pennsylvania State System of Higher Education, Institute for Law Enforcement Education.*

Plan, develop and provide courses of instruction related to computer crime investigation and computer forensic examination to law enforcement officials.

2007 – 2008

**Pennsylvania State Police Trooper – Gaming Enforcement Office**

Handle law enforcement inside a licensed gaming facility by patrolling the gaming areas to maintain law enforcement presence and for criminal violations; handling any criminal incidents that take place; making any arrests necessary; handles processing of arrested persons including through the arrest process; processing/fingerprinting applicants for licenses/permits; escorting prisoners; responds to calls for assistance; performs background investigations and completes all associated reports; travels to other areas of the Commonwealth and outside the Commonwealth to complete these investigations as directed; prepares and completes all reports associated with this position.

2008

**Pennsylvania State Police Corporal – Troop J, Embreeville and Avondale Stations**

Supervise, direct, guide, assist and evaluate Patrol Troopers.

2008 – 2011

**Public Agency Training Council - Chief Examiner/Instructor**

Serve as Chief Computer Forensic Examiner and Instructor relative to digital forensic examinations and investigations for law enforcement.

2010

**Faculty Instructor**

*Westmoreland County Community College*

Plan, develop and provide a course of instruction related to computer crime investigation, also a guest instructor for the computer forensic class.

2008 – Present

**Pennsylvania State Police Corporal – Bureau of Criminal Investigation, Special Investigations Service, Computer Crime Unit, Coordinator – Southwest Computer Crime Task Force**

Supervise and coordinate a fifteen member computer crime task force along with four regional computer forensic laboratories. The task force consists of three troopers, ten municipal police officers and one civilian analyst. The area of responsibility spans fifteen counties covering approximately one quarter of the Commonwealth of Pennsylvania (Southwestern Pa) which encompasses the greater Pittsburgh Metropolitan Area. The unit has responsibilities ranging from assisting local, state and federal law enforcement agencies by completing computer forensic examinations that are submitted to the laboratory to conducting proactive online undercover investigations over the Gnutella Network into the dissemination of child pornography and subsequently executing search warrants in furtherance of those investigations.

### **Speaking Engagements:**

Pennsylvania State Police  
Washington County Juvenile Probation Office  
Pennsylvania Credit Union Association  
University of Pitt at Greensburg  
Pennsylvania Internet Crimes Against Children Annual Conference  
McGuffey School District – Washington County, PA  
Carmichaels School District – Greene County, PA  
Trinity School District – Washington County, PA  
Wellness Center – Washington County, PA  
ARIN Intermediate Unit – Indiana County, PA

### **Other notable Honors:**

Certified as an expert in Pennsylvania Court of Common Pleas in the areas of Computer Forensics and Computer Technology.

### **Training Courses Attended / Completed:**

- 07/1989, Suburban Academy of Law Enforcement - Act 235
- 03/1991, Pa Dept. of Health - First Responder
- 05/1991, Allegheny County Fire Academy – National Fire Academy Field Course
- 05/1991, Allegheny County Police Academy – Act 120
- 05/1991, Proper Investigative Techniques - Robert Harper, Professor of Law, University of Pittsburgh
- 12/1991, PEMA – Radiological Monitor Certification
- 12/1991, Pennsylvania State Police Academy
- 09/1992, Pennsylvania State Police – Aerial Reconnaissance and Enforcement
- 01/1994, Pennsylvania State Police – Firearms Training System
- 03/1994, Criminal Investigation - Pennsylvania State Police
- 03/1994, Interview and Interrogating Techniques - Pennsylvania State Police
- 06/1994, Search and Seizure - U.S. Department of Justice
- 10/1995, Pennsylvania State Police - Accident Scene Management
- 11/1995, Pennsylvania State Police – Operation Whiteline
- 06/1999, Fast Start Training - Pennsylvania State Police
- 06/2000, United States Park Police – Basic Police Motorcycle Training
- 10/2000, Troop Computer Crime Investigation - Pennsylvania State Police
- 12/2000, Pennsylvania State Police – Intoxilyzer 5000 Training/Certification
- 10/2002, Troop Computer Crime Investigation - Pennsylvania State Police
- 10/2002, ILOOK Computer Forensics - U.S. Department of Internal Revenue service, Criminal Investigative Division
- 05/2003, Protecting Children Online - National Center for Missing and Exploited Children

- 05/2003, Basic Data Recovery and Analysis - National White Collar Crime Center Computer Crime Section
- 06/2003, Advanced Data Recovery and Analysis - National White Collar Crime Center Computer Crime Section
- 07/2003, Computer Crime Investigation - Internet Crimes
- 07/2003, Digital Crime Scene Awareness - Internet Crimes
- 08/2003, Basic Computer Forensics - Edinboro University of Pennsylvania
- 11/2003, Interview and Interrogation - Multi-jurisdictional Counterdrug Task Force
- 11/2003, Identity Theft - Middle Atlantic-Great Lakes Organized Crime Law Enforcement Network
- 01/2004, Basic Online Technical Skills - National White Collar Crime Center Computer Crime Section
- 05/2004, Certified Electronic Evidence Collection Specialist - International Association of Computer Investigative Specialists
- 05/2004, Computer Forensic Examination - International Association of Computer Investigative Specialists
- 05/2004, Introduction to Computer Crimes - Pennsylvania State Police Troop "A" Computer Crime Investigation Unit
- 05/2004, Area Computer Crime Task Force Training - Pennsylvania State Police Bureau of Criminal Investigation, Computer Crime Unit
- 06/2004, Image Scan System F.B.I. - Computer Analysis Response Team
- 04/2005, Network + Certification Training - New Horizons Computer Learning Center
- 05/2005, 2005 Polygraph Unit Spring Seminar, Deception Detection – Pennsylvania State Police, Interviewing Sex Offenders, Internet and Child Pornography, Pennsylvania State Police, Bureau of Criminal Investigation
- 11/2005, State and Local Anti-Terrorism Training - Bureau of Justice Assistance, U.S. Department of Justice
- 02/2006, National Incident Management System - U.S. Department of Homeland Security
- **06/2008, Recertification of Certified Forensic Computer Examiner by the International Association of Computer Investigative Specialists.**