

# Western States Training Conference

Las Vegas, Nevada  
Law Enforcement  
and Fire Science Training Classes

November 26-November 30, 2018 & December 3-7, 2018

Course Name	Seminar ID #	Start	End	Fee
Forensic Pathology for Investigators	15679	Nov 26	Nov 27	\$350
Smartphone Forensics and Cellular Technology Certification +SMART	15677	Nov 26	Nov 30	\$695
Kinesic Interview Phase I & II	15678	Nov 26	Nov 30	\$550
Detective & New Criminal Investigator	15681	Nov 26	Nov 30	\$550
Internal Affairs Conference & Certification	15676	Nov 26	Nov 30	\$625
Investigation of Childhood Injury and Death	15680	Nov 28	Nov 29	\$350
School Violence, Safety & Security Conference	15682	Nov 28	Nov 30	\$375
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Death and Homicide Conference	15685	Dec 3	Dec 7	\$575
Use of Force	15686	Dec 3	Dec 7	\$575
Hostage/Crisis Negotiations Phase I & II	15683	Dec 3	Dec 7	\$575
New Fire and Arson Investigator Academy	15684	Dec 3	Dec 7	\$550
Court Security	15688	Dec 3	Dec 5	\$375
First Line Supervision: Leadership and Management Skills	15687	Dec 5	Dec 7	\$375

## ~ 2 WAYS TO REGISTER ~

Online: [www.patc.com](http://www.patc.com) - Follow the Eagle!

Phone: 1-800-365-0119 - Our representatives will gladly assist you

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**Public Agency Training Council**

5235 Decatur Blvd  
Indianapolis, Indiana 46241

Phone: 1-800-365-0119

Fax: 317-821-5096

Email: [questions@patc.com](mailto:questions@patc.com)

Visit us on the Web at:

[www.patc.com](http://www.patc.com)

February 20, 21 & 22, 2019 • Clinton Township, Michigan

# Public Agency Training Council

Mark Waterfill, President



National Criminal Justice

Public Safety Continuing Education

Sponsored By:  
**Macomb Criminal Justice Training Center-  
Public Service Institute**  
Clinton Township, Michigan

This training has been registered with the Michigan Commission on Law Enforcement Standards for the use of P.A. 302 Funds

## Training Seminar Investigative Techniques Using Social Networking Sites

Capturing live digital evidence from Facebook, Twitter and Google+ computers and computer networks using internet tools, Linux previewing utilities and software applications.

**NOTE: This course is designed for Investigators.  
We welcome IT Personnel attendance.**

**Instructor**

**Glenn K. Bard**, CISSP, CFCE, CEECS, CHFI, A+, Network+, Security+, ACE • Pennsylvania State Police (Retired)

Glenn Bard is a retired Pennsylvania State Trooper First Class and U.S. Veteran of Operation Desert Storm. In 1999, Glenn began Computer Crime Investigations for the PA State Police and has since investigated crimes across the United States ranging from Child Pornography to Criminal Homicide. Glenn has also conducted forensic examinations for city, state and federal Law Enforcement Agencies including the FBI, US Postal Inspectors, and I.C.E. as well as foreign governments. Prior to retiring, Glenn was selected by the US Attorney's Office in Pittsburgh and OPDAT to teach computer crime investigations and computer forensics in Tirana, Albania. Due to his training and experience, Glenn has been certified as an expert in Pennsylvania Court of Common Pleas and the United States Federal Court System in the areas of Digital Forensics, Cellular Technology and Computer Technology. Glenn has also been certified as an expert Instructor in the State of Maryland. Additionally, he has been a speaker for organizations of all sizes and types, both public and private, to include the Cyril H. Wecht Institute of Forensic Science and Law, Pennsylvania Fraternal Order of Police, Illinois Fraternal Order of Police, New Jersey Fraternal Order of Police, Federal Fraternal Order of Police, and the Institute of Law Enforcement Education, among many others. Several of the cases Glenn has worked on have received National coverage, to include Fox News, Dateline, the Associated Press, Yahoo!, the New York Times, Pittsburgh Post-Gazette, Pittsburgh Tribune Review and many national publications. Additionally, Glenn has received numerous awards during his military and police career, including Honorable Discharges from both the United States Army and the Pennsylvania State Police. Glenn is the Chief Technical officer for PATTech, overseeing all Digital Forensic Data Services. Glenn has acted as technical consultant and/or personally developed Computer Forensic Programs at multiple Colleges, to include Westmoreland County Community College where he was a faculty instructor prior to retiring.

**February 20, 21 & 22, 2019**

Clinton Township, Michigan

Register online at: [www.patc.com](http://www.patc.com)

# Investigative Techniques Using Social Networking Sites

## Course Objectives:

### Social Networking

This portion of the class is designed for Detectives, School Resource officers, and anyone involved in conducting investigations involving social networking sites. Students will be introduced to the various Social Networking sites including Facebook, Twitter, Google+ and others. The basic steps to preserving a profile, as well as determining the identity of the creator of that profile will be discussed. The class will also focus on proper steps to set up an undercover profile, and how to use it for information gathering. Additionally, students will use available tools that aid in the investigation of social networking profiles. Instructor will also go over the artifacts that Social Networking sites leave on a computer system.

### Router Interrogations

This portion of the class is designed for the first responder, probation or parole officer, or any other person with a need to preview a live computer on scene without changing important information on the computer system. Students will be introduced to several different types of Live Router Interrogations available for previewing a running computer system. Each of the Router Interrogations utilities will be discussed. Additionally, the students will be taught how to use the Router Interrogations to find evidence such as pictures, videos, and other documents; as well as copy the contents of the RAM on a live machine, and other types of evidence.

### Encryption Checking / Ram Dumping / Live Acquisition

This portion of the class is designed for the first responder, raid team leader, or any other person with the responsibility of conducting search warrants on networks, in the home or at the office. Different types of networks will be discussed ranging from simple home wireless networks to large business networks. Other topics will include proper shut down procedure, Network attached storage devices, obtaining evidence from servers, conducting analysis of routers on scene, etc.

**\*\*A PC based laptop is useful for the course; however, it is not required for successful completion.\*\***

## Seminar Agenda Investigative Techniques Using Social Networking Sites

February 20, 21 & 22, 2019 • Clinton Township, MI

Wednesday, February 20, 2019

8:00 a.m. - 8:30 Registration

8:30a.m- 4:30p.m.  
(With Breaks and Lunch On Your Own)

### Social Networking

- Intro of instructors and students
- History of Social Networking sites
- How Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter and Google+ work, and what can be determined from the profiles.
- How to copy a Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter and Google+ page, as well as use other tools to identify the profiles friends.
- Using free software to preserve Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter and Google+ pages.
- Proper steps for tracing the creator of Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter and Google+ pages, as well as other social networking sites.
- How to find the information needed to identify the creator.
- What information can be obtained about a profile, and what Social Networking Sites keep.
- Including pictures, videos, and postings, as well as discuss retention periods.
- Current software tools available to Law Enforcement to investigate Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter and Google+ pages.
- Including tracking software.
- Using Social Networking Sites as a tool for investigators
- Includes how to make a proper undercover profile.
- Artifacts Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter and Google+ leaves on computer systems for forensic examiners to locate.
- Class practical copying a Facebook, Instagram, Pinterest, Tumblr, Snapchat, Twitter or Google+ page, as well as using other software discussed in class.

Thursday, February 21, 2019

8:00a.m- 4:30p.m.  
(With Breaks and Lunch On Your Own)

### Router Interrogations

- What is a network
- IP address (Private vs Public)
- How Networks work
- Accessing the contents of the router
- Conducting a router interrogations
- Evidence to discover in the router
- Hands on Practice examining routers
- Practical (Locating and Examining routers)

Friday, February 22, 2019

8:30a.m- 12:00p.m.

### Encryption Checking / Ram Dumping / Live Acquisition

- What is Encryption
- How to identify if Encryption is being used
- Hands on Encryption checking
- What is RAM
- What can be found in the RAM
- How to conduct a RAM Dump
- Hands on RAM Dumping
- What is a Live Acquisition
- When to do a Live Acquisition
- How to acquire Live Data
- Hands on Live Acquisition

12:00 p.m. Certificate Presentation

## 3 Ways to Register for a Seminar!

1. **Register Online** at [www.patc.com](http://www.patc.com) — Yellow link in upper left corner
2. **Fax Form** to Public Agency Training Council **FAX: 1-317-821-5096**
3. **Mail Form** to

Public Agency Training Council  
5235 Decatur Blvd  
Indianapolis, Indiana 46241

**\*NEW**

**Federal ID# 47-4078912**

**\*NEW**

**\*\*\* Pre-payment is not required to register \*\*\***

Upon receiving your registration we will send an invoice to the department or agency.

Checks, Claim Forms, Purchase Orders should be made payable to:

**Public Agency Training Council**

If you have any questions please call  
**317-821-5085 (Indianapolis)**  
**800-365-0119 (Outside Indianapolis)**



**Seminar Title:** Investigative Techniques Using Social Networking Sites

**Instructor:** Glenn Bard

**Seminar Location:** Macomb Criminal Justice Training Center, East Campus PSI  
21901 Dunham Road  
Clinton Township, Michigan 48036

**When:** February 20, 21 & 22, 2019

**Registration Time:** 8:00 A.M. (February 20, 2019)

**Hotel Reservations:** **Holiday Inn Express**  
45555 Utica Park Blvd  
Utica, Michigan 48315  
1-586-803-0400  
\$93.00 Single or Double (plus tax)

**Registration Fee:** \$350.00 Includes Investigative Techniques Using Social Networking Sites Course Material, Coffee Breaks, and Certificate of Completion.

**Seminar ID  
#16034**

**Note:** To receive discount room rates, identify yourself with **Group Code: C34**

**Names of Attendees** 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

**Agency** \_\_\_\_\_

**Invoice To Attn:** \_\_\_\_\_  
(Must Be Completed)

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_ **Zip** \_\_\_\_\_

**Email** \_\_\_\_\_

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