



# 2016 Fall Symposium Training Agenda



Friday, October 21, 2016  
**7:30 AM to 3:30 PM**

**HOST:**  
 Virginia State Police – Training Academy  
 7700 Midlothian Turnpike, North Chesterfield, Virginia

	Dark Web Case Studies <i>Classroom 1</i>	How To's and Helpful Resources <i>Classroom 2</i>	Social Media Searches <i>Classroom 3</i>
07:30 – 08:15	<i>Registration &amp; Coffee</i>		
08:15 – 08:30	<i>Welcome &amp; Business Meeting</i>		
08:45 – 09:45	<b>Social Media: Enhancing Criminal Investigations (Part I)</b> SA Brian Moore <i>VA State Police (VA)</i>	<b>VA Lottery – Law Enforcement – How we can help you!</b> Daren Exum & Jo Ann Hill <i>Virginia Lottery (VA)</i>	<b>Automating Social Media Searches</b> Kirby Plessas <i>Plessas Experts Network (VA)</i>
10:00 – 11:00	<b>Social Media: Enhancing Criminal Investigations (Part II)</b> SA Brian Moore <i>VA State Police (VA)</i>	<b>Social Media Privacy</b> Robin Liberto <i>VA State Police (VA)</i>	
11:00 -11:45 11:45 -12:15 12:15 -12:45	<b>Catered Lunch Courtesy of Geofeedia (Cafeteria)</b> <b>Crime Trivia &amp; Analyst Bingo (Classroom 1)</b> <b>Geofeedia Presentation (Classroom 1)</b>		
12:45 – 13:45	<b>The DarkNet and its Marketplaces</b> Det. Mike Nickolas <i>Fairfax County PD (VA)</i>	<b>Virginia DMV – Law Enforcement</b> SAC Brad Berg / Aubery Granderson <i>Virginia DMV (VA)</i>	<b>Automating Social Media Searches - REPEAT</b> Kirby Plessas <i>Plessas Experts Network (VA)</i>
14:00 – 15:00	<b>DarkNet Case Study</b> Det. Mike Nickolas <i>Fairfax County PD (VA)</i>	<b>The Analytical Sleuth</b> Jennifer Godown <i>Fairfax County PD (VA)</i>	
15:15 – 15:30	<i>Closing Remarks</i>		

#### 08:45 -09:45

**Social Media: Enhancing Criminal Investigations (Part I):** This presentation will introduce the most popular forms of social media (specifically Facebook, Instagram, and Twitter), and will explore the ways to search them as it pertains to law enforcement. Specifically, we will examine how to search phone numbers, friends/associates/co-conspirators, and how to look for case specific information. We will also address social media use as it pertains to law enforcement database searches.

**Automating Social Media Searches:** This fast-paced presentation transforms web crawling with a methodology for constructing focused, automated research feeds. Instead of repetitive search queries, use IFTTT and RSS for carefully parsed, nonstop data streams and social network monitoring. Kirby Plessas demonstrates how to use Stringify, Photodesk, Tweetdeck and more free web tools for user data aggregation and archiving evidence. Learn to efficiently monitor websites and twitter feeds while both protecting and strengthening your investigation through anonymized research.

**Virginia Lottery – Law Enforcement Training: How we can help you!:** This presentation will familiarize law enforcement officers with information available to them when there are lottery tickets involved. It will help them become familiar with various Lottery products (scratcher tickets and on-line tickets) as well as the information contained within the product that can assist them in various investigations. This presentation will also provide Law Enforcement Officers with Lottery Investigators' point of contact information for areas throughout the State of Virginia. The presentation will be informative in making law enforcement officers aware of the State Lottery Laws Code Section.

#### 10:00-11:00

**Social Media: Enhancing Criminal Investigations (Part II):** Applying the skills learned in part I, this presentation will address several case examples where social media played an instrumental role. We will also explore how to disseminate and vet any information that is obtained for law enforcement use through social media resources.

**Automating Social Media Searches (continued):** This fast-paced presentation transforms web crawling with a methodology for constructing focused, automated research feeds. Instead of repetitive search queries, use IFTTT and RSS for carefully parsed, nonstop data streams and social network monitoring. Kirby Plessas demonstrates how to use Stringify, Photodesk, Tweetdeck and more free web tools for user data aggregation and archiving evidence. Learn to efficiently monitor websites and twitter feeds while both protecting and strengthening your investigation through anonymized research.

**Social Media Privacy:** This presentation is designed to give LE an understanding of social media privacy and OPSEC recommendations.

#### 12:15-12:45

**How To Increase Community Safety with Social Media Intelligence:** Geofeedia's location based social media intelligence platform allows agencies to discover and aggregate location tagged social media from any user defined worldwide location, monitor multiple locations in real time, archive, curate and share social media content, and analyze patterns and trends from location based social data. Learn how you can support your agency's operations during large community events to discover, engage, and analyze social media to prevent crime and manage evolving situations in real-time.

#### 12:45-13:45

**The DarkNet and its Marketplaces:** The use of the DarkNet by criminals is fast becoming the new norm in law enforcement. This segment will discuss the use of the Dark Net, Tor and Bitcoin as new ways criminals attempt to avoid detection. At the end of the presentation we will put this all to use and enter a DarkNet marketplace to see the illegal services and items for sale. The attendee will leave with an understanding of how to investigate these types of cases.

**Virginia DMV – Law Enforcement:** DMV has primary jurisdiction for policing Virginia's automobile and transportation industry. Included in this presentation are overviews of DMV law enforcement's organizational and operational structures; the laws and regulations over which DMV has primary jurisdiction, including credentials issued by DMV; industries regulated by DMV; and the resources housed at DMV that can be helpful to other law enforcement agencies.

**Automating Social Media Searches (REPEAT):** This fast-paced presentation transforms web crawling with a methodology for constructing focused, automated research feeds. Instead of repetitive search queries, use IFTTT and RSS for carefully parsed, nonstop data streams and social network monitoring. Kirby Plessas demonstrates how to use Stringify, Photodesk, Tweetdeck and more free web tools for user data aggregation and archiving evidence. Learn to efficiently monitor websites and twitter feeds while both protecting and strengthening your investigation through anonymized research.

#### 14:00-15:00

**DarkNet Case Study:** This case study will show the process of working a DarkNet case from inception to arrest and prosecution. It will highlight the areas of weakness in the DarkNet and how they were exploited to arrest and prosecute a large scale DarkNet vendor.

**Automating Social Media Searches (continued) (REPEAT):** This fast-paced presentation transforms web crawling with a methodology for constructing focused, automated research feeds. Instead of repetitive search queries, use IFTTT and RSS for carefully parsed, nonstop data streams and social network monitoring. Kirby Plessas demonstrates how to use Stringify, Photodesk, Tweetdeck and more free web tools for user data aggregation and archiving evidence. Learn to efficiently monitor websites and twitter feeds while both protecting and strengthening your investigation through anonymized research.

**The Analytical Sleuth:** How many times, as a new analyst, has a detective come to you with a suspect's name and said "I can't find ANYTHING on this person, can you give it a try?" As a new analyst, your first response is always "of course, I'll take care of it right away!" however, you are then stuck with a list of names (partial at best) and little to no idea where to start or how much information to include. This presentation will give the new analyst the best places to start, where to dig for information, as well as what to include and where to find the best sources of information. At the end of the class, analysts will have the tools necessary to compile a clear and concise history of the suspect that will inevitably have detectives asking for your assistance time and time again.