Course Announcement

To: All Law Enforcement Agencies

From: John C. Moses
Director of Criminal Justice

Date: April 25, 2022

Re: **The Internet: Investigations and Intelligence**
CJA119-5017
MPCTC Approval #: Pending (16 hours)

August 15 to 16, 2022

Location:
Eastern Shore Criminal Justice Academy
Wor-Wic Community College
Guerrieri Hall, Room 101
32000 Campus Drive
Salisbury, MD 21804

Dates & Times: Monday, August 15 to Tuesday, August 16 0815 to 1700

Registration: See attached flyer for registration details.

Fee: Paid for by a grant.

This course is designed for criminal intelligence analysts and investigators. Students with any level of familiarity with the Internet and computers, from beginning to advanced, will find this course beneficial.

The program gives students an up-to-date understanding of how social networking sites work and how members act and interact. Student will learn what information is available on various sites and how to integrate that information into criminal investigations and criminal intelligence analysis.

The way people choose to communicate, the technologies that facilitate that communication, and the companies that the control the companies have rapidly evolved. Criminal investigators and analysts need to also evolve.

There are over 1,000 English language social networking sites on the Internet. Facebook alone has 2.89 billion monthly active users, representing 37% of the world's population, as of July 29, 2021. While this is the best-known site in the United States, several others are dominant in other countries and cultures. VK is the most popular in Russia, while QQ and Sina Weibo rule in China.

Facebook generates four new petabytes of data, including 350 million new uploaded images, per day. It is the world's largest holder of images of faces tied to identity. Even as this is true, people worldwide are moving away from Web-based online social networks in favor of app-based online social networks such as WhatsApp, Snapchat, Kik, Whisper, Instagram, TikTok, Periscope, and many others. Encrypted communication platforms, including Wickr, Surespot, Viber, and Telegram are changing the investigative landscape.

Too often, investigators and analysts overlook or underutilize these valuable resources. Social networking sites are virtual communities. As in any large community, criminal organizations, fraud, violent crime, and victimization exist. Investigators need to understand these communities along with the tools, tricks, and techniques to prevent, track, and solve crimes.

Current trends include social networks based around live streaming video, like OovoO and TinyChat, and mobile social networks like, Snapchat, Yellow, Kik, and LiveMe. These emergent technologies lead to risks and opportunities for law enforcement professionals that never previously existed. Ubiquitous default encryption poses an unprecedented challenge both for open-source collection and the service of legal process. Current and future undercover officers must now face a world in which facial recognition and Internet caching make it possible to locate an online image posted years or decades before. The meshing of geolocation, social networking, and mobile devices allow officers to employ new investigative techniques not previously available.

Upon completion of this course, the student should be able to:

1. Identify how criminals exploit social communities by using case studies and live online examples.
2. Identify how to efficiently do automated subject link analysis using social networking data.
3. Identity the operation of the largest sites to include Twitter, Facebook, YouTube, Ask.fm, Snapchat, Foursquare, and Tumblr.
4. Explain various ways of concealing the location from which the Internet is accessed when using online social networks.
5. Identify how criminal organizations use online social networks to interact, identify victims, and conceal identity.
6. Explain the two leading trends in online social networks—microblogging and mobilization.
7. Identify the latest mobile social networking technology and platforms, including geolocation.

This course is designed to meet requirements as mandated by the Maryland Police Correctional Training Commission and to meet the annual in-service requirements.

Dress Code:

To maintain a professional appearance, all in-service officers/staff must follow the prescribed dress code to be admitted to any training held at the Academy.

- Uniform of the day recommended
- Shirt with a collar—**No** t-shirts or tank tops
- Docker style pants, BDU's or suit—**No** shorts or jeans
- Full shoe with socks—**No** sandals

Firearms—All officers wearing a handgun on campus in plain view MUST also wear his/her badge in plain view.

Failure to Adhere to the Dress Code

Academy attendees will be denied admittance to the classroom or range and a report will be sent to the Chief/Sheriff/Warden/Director, stating the reasons the officer/staff was not permitted to attend the training session.

NW3C

WASHINGTON / BALTIMORE
HIDTA
HIGH INTENSITY DRUG TRAFFICKING AREAS

NDCAC

Aug 15th-16th, 2022

8:30am to 5:00pm EST
Eastern Shore CJA
32000 Campus Dr
Salisbury, MD

Washington/Baltimore HIDTA, NDCAC, and NW3C Presents:

The Internet: Investigations and Intelligence

Delivered In Person by Chuck Cohen

Topics to include:

- Open Source Intelligence (OSINT) and Criminal Investigations
- Utilizing Metadata in Criminal Investigations
- OSINT Collection Tools: Creating an Inexpensive OSINT Toolbox
- EXIF Tags and Geolocation of Devices for Investigations and Operational Security
- Online Undercover Operations: Observation and Infiltration
- Law Enforcement Interaction with Internet Service Providers: Data Retention and the Service of Legal Process
- What Investigators Need to Know about Emerging Technologies Used to Hide on the Internet
- Proxies, VPNs, Tor, Onion Routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

Registration

Registration for the Course is Done in 3 Steps if not a client

1. Register for NDCAC Portal access at: https://portal-ndcac.fbi.gov
2. Complete the registration process. Access could take 24 hours.
3. Once granted access, enter the portal and under the training tab, select the course.

If a client, log into the portal, under the training tab, register for the course.

(Course contains graphic content including profanity, and sexual and violent images)

Questions: askNDCAC@fbi.gov or call (855)306-3222

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