Name	James Kyle
Company/Agency /Organization	FBI/Cyber/CTLU (retiring 08/22/2015)
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Topic of Presentation	Open source Intel. gathering and SEOC/Human trafficking
Title of Presentation	1) Open Source Intelligence gathering and 2) Sexual Exploitation/Human trafficking
Length of Presentation	2-8 hours
Presentation Objective	Investigative Cyber Tools, Search engines, Social Media, Meta-data, etc., for 2015 and beyond; Multiple variations depending on the learners needs.
Have you ever presented on this topic before?	Yes
Referral Source	Executive Office
Referral Source Name	Greg Cappetta
Referral Source Email	GCappetta@fbinaa.org
Presentation Description	1) The Open Source Intelligence gathering can be shortened or lengthened depending on the needs of the learners. It can be "just a presentation" regarding LE challenges and skills needed for investigators regarding the "Internet of Things" to the Social Media landscape of the Internet and/or how and Search engines

can be exploited and used to a full hands-on 2-8 hour interactive tacit knowledge learning experience.

2) As a SME for Sexual Exploitation of Children, IINI, and Human Trafficking (coupled with my Internet/Computer knowledge) I have presented all over the world and at National conferences. Again I can be flexible and topic specific depending on the needs of the group requesting and their needs.

Speaker Bio	James A. Kyle Supervisory Special Agent (Retired 08/22/2015) FEDERAL BUREAU OF INVESTIGATION Cyber Division Cyber Training and Logistics Unit Quantico, Virginia I have been the supervisor for the Cyber Training and Logistic Unit (CTLU) since February of 2015. He presently manages technicians and support staff whose mission responsibility for delivery, content and selection of personnel to provide requested cyber training for International entities and for selection and management of the Digital Extraction Technician training program (DExT) for the Cyber Division of the FBI. I provide International training (Cyber) for multiple entities that make request through our global training unit and through our International Operation Division. This training is in all aspect of cyber based investigations, to include security, analysis, case management and proactive measures. Responsibilities specifically include curriculum design, and tailoring of the training to the specific requirements of the target group within the limitation of the learners, their capabilities and supporting infrastructures. This involves assessment and analysis of all variables. Updating of materials for curriculums targeting cyber threats, information security and both proactive and reactive strategies that are the frequent general areas of request along with the process for digital evidence for Criminal matters, Counter Intelligence and (CI)/Counterterrorism (CT); The curriculum used and constantly evolving involves: TCP/IP and computer OS functions/protocols for exploitation in Criminal, CI/CT and criminal investigations; Open Source Intelligence gathering and exploitation of online tools, search engines and "freeware; Meta data exploitation; Malware, Digital evidence protocols; Exploitation of Mobile Technology use and application of Universal Forensic Extraction devices (UFED) such as a Cellebrite; Information security; Online Covert training;

In addition to the above I also provide and am now responsible for updating curriculum as an Instructor/Subject Matter Expert (SME) for delivery through training missions for the Defense Threat Reduction Agency (DTRA) teaching Cyber/Digital tools used to WMD, and the entire spectrum of chemical, biological, radiological, nuclear and high yield explosive threats relating to CI/CT International investigations.

Prior to this assignment I was assigned in 2009 to the FBI Academy, Training Division Investigative training Unit and put in charge of Cyber/Digital tools as a Curriculum designer, and fulltime instructor for New Agent Training (NAT). This included a focus on all Internet related investigative digital tools and knowledge from networks, mobile technology to TCP/IP and computer OS functions/protocols for exploitation in CI/CT and criminal investigations.

I then designed delivered for the last several years a new curriculum dedicated to "Open Source Intelligence" gathering and exploitation of online tools, search engines and "freeware" within CI/CT and Criminal investigations. This includes meta data exploitation, search engines, social networks and analysis along with and exploitation of Mobile Technology. In that capacity I became a Subject Matter Expert (SME) in the use and application of Universal Forensic Extraction devices (UFED) such as a Cellebrite.

As an instructor for the National Academy (LE Executive training) I was also approved as a full-time Adjunct Professor for the University of Virginia teaching both the graduate and Undergraduate classes for Computer Crimes. These classes incuded 24 separate blocks of instruction covering both forensic and non-foresic skills related to Cyber Investigations, Investigative Computer Crimes, Digital tools for Non-Technical Investigators, Investigative Process, Investigative Case Management, UFED (Cellebrite, mobile technology analysis), Data Acquisition (LMK) and both wireless and Network issues for LE management.

As an ITU Instructor/SME I was repeatedly assigned to training missions for the Cyber Division, CTLU for the Defense Threat Reduction Agency (DTRA) teaching Cyber/Digital tools used to WMD, and the entire spectrum of chemical, biological, radiological, nuclear and high yield explosive threats relating to CI/CT International investigations.

Prior to arrival in 2009 to the FBI Academy I served as a filed agent in three field divisions, Philadelphia, Newark N.J. and Denver.

Within the Philadelphia Division (1997-2009) I served in the Williamsport Resident Agency and was assigned to primarily criminal and Cyber related investigations.   The criminal investigations included being detailed to investigations within the

Bureau of Prison's (BOP) Facilities; Specifically the Allenwood Complex the included a Penitentiary (maximum security) a Medium Security, a Low Security and a Witness Protection facility.

One of the key cases included a public corruption (five year investigation) within the BOP regarding by organized crime families (LCN) resulting in 17 prosecutions to include five BOP officials. This investigation involved dead drops, money laundering, smuggling, bribery and use of specialized non-public electronic surveillance tools and techniques.

I was also the SA responsible for threat assessments, security, and Crisis/Consequence management for the Little League World Series (LLWS) designated as a SERL III high profile target from 2000 -2004.

For four years I was the designer and facilitator of an online undercover operation with a primary focus on Crime Against Children (CAC), 2004- 2009; SME for CAC successfully targeting several hundred cases to include eight known CVIP matters and numerous high profile sexual exploitation child pornography production subjects and sex rings; extensive use of tradecraft applications for online data anonymization. This led to a overseas temporary assignment to the Australian Federal Police to conduct Training as a SME in investigations into SEOC; while in country I was tasked with assisting CI/CT AFP cases regarding the "Dark-Web" and specifically peer-to-peer usage on the Internet.

I conducted both field and online investigations regarding Cyber Intrusions (Anon), within IRC, Forums, Blogs, that identified botnets and Malware distribution used in denial of service attacks for CI/CT and Criminal investigations. Extensive knowledge of online tools (open source) for data anonymization and IP redirection utilized as tradecraft for CI/CT and Criminal subjects.

Lastly I was also the case agent for a sensitive domestic terrorism matter.

My Newark assignment (1989 - 12/1997) was primarially as the as case agent and UC for a five year International investigation into the North American Man/Boy Love Association (NAMBLA) and Pedophile Information Exchange (PIE) that resulted in the successful dismantle and disruption of 921 subjects in 23 countries and 22 States. This required that I travel directly to several countries (England, Netherlands, Spain, etcetera, to conduct the investigation in cooperation with those countries and Interpol.

Prior to that I was on the Newark Drug Squad; conducted numerous investigations into Columbian Cartel and Gang investigations.   These investigations involve tacit knowledge and application of numerous investigative techniques to include surveillance, source development and electronic interception (i.e.

Wire taps under Title III); Gangs targets were numerous to include 18th Avenue, MS-13, Yakuza (also known as gokudō), Vietnamese gang BTK, and the Latin Kings.

In my first office of assignment, Denver Division, Colorado Springs RA, I was assigned to Violent Crime and Major Offender program, Drugs, Motorcycle Gangs, and Crime on a Government Reservation; Worked as a special agent covering Fort Carson, Peterson Air Force Base, NORAD and the U.S. Air Force Academy (Special Investigations); Due to the high number of DOD adjunct classified firms and the mission destruction initiative attended Russian CI/CT tradecraft training and awareness training.

Prior to employment with the FBI, I was a Baltimore Police Officer assigned to the patrol division in both the North Eastern division and the Eastern Division. I received six letters of commendation in that two and one half years.

Education includes a Bachelor of Science degree (1983) from Shippensburg University, Shippensburg, PA and a Graduate Certificate in Online Adult Education (16 Credits, 2013) from Northeastern University of Boston, Massachusetts. I have also numerous Cyber related trainings from numerous agencies to include Access Data, SANS, NW3C, FBI, CISCO and Mandiant. Through the FBI I have also numerous certifications in courses all mission related to the FBI and the programs I have worked.

If applicable, upload supporting documentation or abstract for your presentation	https://s3.amazonaws.com/files.formstack.com/uploads/1922558/30022528/208154480/30022528_2015_3.2_resume.docx
Additional Comments	I have taught multiple disciplines for the NA, New Agent Training , Cyber, DTRA, the State Department and numerous others. I can provide numerous presentations and trainings for both Cyber and SEOC upon request and I can design a specific topic or combination upon request. I have attached a resume.