

MICHAEL W. LITRELL, PH.D., CFCE, CCME, ENCE

Cyber Agents, Inc.
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EDUCATION

Doctor of Philosophy (2015) University of Louisville, Applied Sociology
Dissertation: "The Citizen Police Academy: Rational Myths, Legitimization, and Emotion Work. The Effects of Emotion on Acceptance of Rational Myths"

Master of Science (2008) Eastern Kentucky University, Criminal Justice

Bachelor of Science (2003) Eastern Kentucky University, Criminal Justice

Associate of Arts (2000) Lexington Community College

FACULTY TEACHING POSITIONS

Assist. Professor of Sociology & Social and Criminal Justice, Georgetown College

2014-2015

Responsible for teaching a 4/4 load in sociology or criminal justice. Class sizes range from 8-28 students. Tasked with developing courses, writing syllabi, maintain online class presence, writing exams, lecturing. Responsible for maintaining office hours, developing professional student relationships. Responsible for promoting and developing the new social and criminal justice program.

Criminal Justice Instructor & Program Coordinator, Bluegrass Community & Technical College

2011 - 2014

Responsible for the day-to-day operations of the criminal justice program and works collaboratively with the faculty, division chairperson, and the chief academic officer, chief business officer, chief student services officer, and chief community and economic development officer. Assists in the planning and effectiveness evaluation, development, and implementation of goals for institutional effectiveness. Promote effective teaching and learning environment. Maintain program advisory committee. Recruitment and retention of qualified part-time faculty. Prepare institutional reports on student learning outcomes and goals for student's success. Recruiting and retention of students in the program. Maintain area website with current information. Scheduling and preparation of

courses offered under criminal justice program. Assigned 40+ students for advising. Maintain a four-course teaching load and office hours for student conferences. Class sizes range from 25-34. Also, taught online courses during the summer.

Adjunct Faculty, Sociology Department, Georgetown College 2009-2010

Responsible for teaching one, three-hour class per semester in criminal justice (sociology) field, courses include Juvenile Delinquency, Criminology, and The Criminal Justice System. Class sizes range from 8-20 students. Tasked with developing course, writing syllabi, maintain online class site (Moodle, Blackboard etc.), writing exams, grading assignments, and lecturing. In addition to these tasks, developing professor-student relationships, answer student questions, be available for office hours, guide students on writing assignments, and motivate students to learn and develop their academic careers. (Part-Time Only)

TEACHING EXPERIENCE

Sullivan University (2015-Present)

- Introduction to Law Enforcement
- Corrections, Probation, and Parole
- Crime Prevention
- Current Issues in Terrorism
- Criminalistics
- Current Issues in Public Safety Administration

University of Kentucky (2019-Present)

- Cybercrime & Digital Law Enforcement

University of Louisville (2016 – Present)

- Sociology of Deviance
- Criminology

Georgetown College (2009-2010 and 2014-2015)

- Cultural Diversity
- Introduction to Criminal and Social Justice
- Criminological Theory
- Internship in Criminal Justice
- Juvenile Delinquency

IACIS (BCFE) (2020 – Present)

- *2020 Event Cancelled**
- P2P Sharing Forensics
- Cloud Forensics
- Forensic Search Methodologies

Bluegrass Community and Technical College (2011- Present)

- Intro to Criminal Justice
- Intro to Law Enforcement
- Criminal Procedures
- Criminal Law
- Criminal Investigations
- Juvenile Delinquency
- Criminology

- Intro to Computer Forensics
- Issues and Ethics in Criminal Justice
- Internship in Criminal Justice
- Community Corrections: Probation & Parole
- Introduction to Corrections
- Modern Social Problems
- Internship in Criminal Justice
- Capstone in Criminal Justice

RELATED PROFESSIONAL EXPERIENCE

- Digital Forensics Examiner, Cyber Agents, Inc. 2022- Present
Conduct forensic exams on devices for clients, including prosecutors, defense attorneys and others. Testify in court as an expert witness as required, perform e-discovery duties as assigned. Maintain certifications, and research relevant digital forensic topics.
- Investigator III | Digital Forensics, Kentucky Office of the Attorney General 2015 – 2022
Cyber Crimes Unit. Responsible for investigating violations of state and federal law related to child exploitation, child pornography, and other online crimes. Conducts complex investigations, makes arrests, conducts searches, and seizes electronic and digital evidence. Present safety and cyber-crime information to community groups, and classes. Conducts complex computer and mobile forensics on devices seized during investigations. Maintain certifications in industry recognized procedures and software.
- Part-Time Deputy Sheriff, Scott County Sheriff’s Office 2011 - 2015
Responsible for patrolling and responding to calls for service in Scott County. Investigate potential crimes and questions potential suspects. Serves court process. Appear in court to present case information. Work on average 16 hours per month.
- Police Officer II, City of Georgetown Police Department 2008 – 2011
Responsible for patrolling and responding to calls for service in the City of Georgetown. Investigate potential crimes, question individuals considered suspects in criminal activity. Complete all State and Department Forms to legal and standardized methods and submit them to supervisor. Appear in court and present information to State and Defense Attorneys on cases and investigation. Maintain 40 hours of training yearly to keep certified as a police officer in Kentucky.
- Detective, City of Georgetown Police Department 2006 - 2008
Responsible for investigating felony crimes, interviewing/interrogating subjects who are suspected in criminal activity. Analyze crime scene information and recognize items that could be potential evidence of a crime or suspect. Complete all State and Department forms to legal and standardized methods and submit to supervisor. Appear in Court and make presentations to Grand Juries on information pertaining to investigated cases. Keep Current on 40 hours of In-service as required by state law.
- Police Officer II, City of Georgetown Police Department 2004 - 2006
Responsible for patrolling and responding to calls for service in the City of Georgetown. Investigate potential crimes, question individuals considered suspects in criminal activity. Complete all State and Department Forms to legal and standardized methods and submit them to supervisor. Testify in court, as required.

ORGANIZATIONAL SERVICE

Elected Chairperson	KCTCS Criminal Justice Curriculum Development Committee
Advisory Board	Law & Justice Village at Elkhorn Crossing School
Board of Directors	Georgetown Child Development Center – President (2015-Present)
Board of Directors	Blue Grass Crime Stoppers – Vice Chairperson (2015) (2011-2015)
Board of Directors	Georgetown Main Street, Inc. – Organization Committee Chairperson
Advisory Board	Bluegrass Community & Technical College Criminal Justice Curriculum
Treasurer	Homeowners Association
Member	Kentucky Office of Homeland Security - Cyber Crime Working Group
Member	Kentucky Office of Homeland Security - 911 Services Advisory Council
Coach/Staff	International Assoc. of Computer Investigative Specialists
Member	NSA Cybersecurity Advisory Committee – University of Louisville

PUBLICATIONS

Budd, J. R., & Littrell, M. W. (2021). Law Enforcement Challenges to Gathering Intelligence in the Street: The Fourth Amendment. In E. de Silva, & A. Abeyagoonesekera (Ed.), *Intelligence and Law Enforcement in the 21st Century* (pp. 18-40). IGI Global. <http://doi:10.4018/978-1-7998-7904-6.ch002>

CONFERENCE PRESENTATIONS

- 2021** BCFE Staff for P2P, Cloud, Forensic Search Methods, Intro to Forensics
- Nexus Between Child Abuse & Technology – KY Investigations 2021
- 2020** BCFE Staff for P2P File Sharing and Cloud Forensics – White Papers Created **Event Cancelled**

- 2012** North Central Sociological Association, Pittsburgh: “Who Police the Police? A Look at Civilian Oversight”
- 2011** Midwest Sociological Association, St. Louis: “Use of Force by Police, A Comparison of Whites and Non-Whites Citizen Reports.”

PROFESSIONAL DEVELOPMENT, CERTIFICATIONS & CONFERENCES

2021

- GIAC –Advanced Smartphone Forensics Certification –Anticipated Feb. 2022
- FOR 585 – Smartphone Forensic Analysis in-depth (SANS) – Miami, FL - October 2021
- Cellular Records Analysis – NW3C – August 2021
- Advanced Mobile Device Examiner – NCFI, Hoover, AL – August 2021
- Certified Oxygen Forensics Instructor (OFCI) – July 2021
- Oxygen Forensic Boot Camp – Trainer the Trainer – June 2021
- IACIS BCFE Coach – Orlando, FL, April/May 2021
- Homeland Security Investigations Task Force Officer Course –February 2021
- ICAC Freenet Investigations - Online – January 2021

2020

- Certified Cellebrite Mobile Examiner Certification (CCME) – Renewal
- ICAC Bit-Torrent Investigations Online – November 2020
- Kentucky Law Enforcement Council Instructor – June 2020
- Apple Forensics Investigations – Blackbag Technologies – July 2020
- IACIS BCFE Coach *No Student in 2020*

2019

- Certified Forensic Computer Examiner (CFCE)- IACIS – Sept. 2019
- Presentation: “Online Situational Awareness for Kids” Prevent Child Abuse Kentucky Conference – Lexington, KY –Sept. 2019
- ICAC Law Enforcement Training on C.E. – Atlanta, GA – June 2019
- Basic Computer Forensic Examiner, IACIS – Orlando, FL – May 2019
- Magnet Forensics User Summit – Nashville, TN – April 2019

- ICAC Intro to P2P File Sharing Investigations Update – Online – Jan. 2019
- ICAC P2P Investigations Update – Online – Jan. 2019
- ICAC P2P Roundup Suite of Tools Update – Online – Jan. 2019
- ICAC P2P Investigative Practices Update – Online – Jan. 2019
- ICAC Anonymizer, Darknet, & P2P Update – Online – Jan. 2019
- ICAC Understanding and Investigating a P2P Referral – Online – Jan. 2019

2018

- Certified Cellebrite Mobile Examiner Certification (CCME) – Renewal
- Sexual Assault Investigations – DOCJT – Richmond, KY – Dec. 2018
- Techno Security & Digital Forensics Conference – San Antonio, TX - Sept. 2018
- ICAC Law Enforcement Training on C.E. – Atlanta, GA – June 2018
- Python for Advanced Mobile Forensic Analysis – Herndon, VA – May 2018

2017

- Electronic Evidence Investigations; DOCJT – Richmond, KY – Dec. 2017
- Magnet Forensics, Magnet Certified Forensic Examiner, MCFE – Dec. 2017
- AX200 Magnet Axion Examinations – Salt Lake City, UT – Nov. 2017
- Project VIC and Victim ID Practices Using Griffeye – Dallas, TX- Aug. 2017
- Child Protection System Update – ICAC Dallas, TX – August 2017
- TCP/IP Protocols and Analysis – ICAC Dallas, TX – August 2017
- Guidance Software, EnCase Certified Forensic Examiner EnCE – June 2017
- Anonymity & Illegal Conduct via TOR, VPN – ICAC - Atlanta, GA, June 2017
- Understanding Bit Torrent Artifacts – ICAC Conference, Atlanta, GA, June 2017
- H-11 Digital Forensics, Chip-Off Forensics for Mobile Devices – April 2017
- Guidance Software, EnCase v8, Advanced Window Artifacts – April 2017
- Guidance Software, EnCase v8, Host Intrusion Methodology – March 2017
- Guidance Software, EnCase v8, NTFS Examinations– March 2017
- Guidance Software, EnCase v8, EnCE Exam Prep Course – March 2017
- Guidance Software, EnCase v8, Macintosh OS Forensics – February 2017

- H-11 Digital Forensics, Advanced ISP/JTAG Cell Phone Data Recovery – Jan. 2017

2016

- Guidance Software, EnCase v7, Advanced Computer Forensics – November 2016
- Guidance Software, EnCase v8, Building an Investigation – November 2016
- Guidance Software, EnCase v8, Incident Investigation – October 2016
- Guidance Software, EnCase v7, Advanced Internet Examinations – Sept. 2016
- Guidance Software, EnCase v7, Computer Forensics II – July 2016
- Guidance Software, EnCase v7, Computer Forensics I – June 2016
- Cardinal Tracking & Utilization – SRT Wireless – April 2016
- Intermediate Data Recovery & Analysis – NW3C – April 2016
- Cybercop 101 – Basic Data Recovery & Acquisition – NW3C – March 2016
- Cyber Invest. 101 – Secure Techniques for Onsite Preview –NW3C – March 2016
- Reid Investigative Interviewing for Child Abuse Investigations – Feb 2016
- Certified Cellebrite Mobile Examiner Certification (CCME) – Jan 2016
- Cyber Investigations 120 – Cell Phone Seizure/Acquisition – NW3C – Jan. 2016
- Cyber Investigations 105 – Cell Phone Mapping/Analysis – NW3C - Jan. 2016

2015

- Police Integrated Office, Louisville Metro Police Department, December 2015
- Cellebrite CMFF, CCLO, CCPA Certifications, Largo, FL, November 2015
- Mandatory Training – Louisville Metro Police Department, November 2015
- FBI CAST - Cell Phone Tower Training – Frankfort, KY, October 2015
- Social Networking Investigations – ICAC Conference, Dallas, TX, August 2015
- Facebook Investigations – ICAC Conference, Dallas, TX, August 2015
- Undercover Chat/Craig’s List – ICAC Conference, Dallas, TX, August 2015
- GRID COP, Peer 2 Peer Investigations, Richfield, OH, June 2015

2014 Crime Scene Drawing and Measurement, Richmond, KY, December 2014

2013 Computer Crimes Investigations, Richmond, KY, April 2013

- 2012** Legal Update, Search & Seizure, KRS Updates, Richmond, KY, September 2012
- 2011**
- Robbery and Sexual Assault Investigation, Louisville, KY, June 2011
 - Commercial Motor Vehicle Awareness/Crash Reporting, March 2011
- 2010**
- Spanish for Law Enforcement: Level I, II, III, Richmond, KY, 2010
 - Railroad Grade Crossing Investigation, Louisville, KY, October 2010
- 2009** Collision Reconstruction Update, Richmond, KY, June 2009
- 2008** Criminal Investigations II, Kentucky Department of Criminal Justice Training, Louisville, KY, October 2008
- 2007**
- FBI Image Scan Training, Regional Computer Forensics Lab, Louisville, KY, April 2007
 - Basic and Advanced Training: Reid Technique of Interviewing and Interrogation, April 2007
 - Basic Investigators School, Kentucky Department of Criminal Justice Training, Richmond, KY, September 2007
- 2006**
- Multijurisdictional Counterdrug Task Force Training, Florence, KY, February 2006
 - DEA Basic Narcotics Investigator School, Richmond, KY, 2006
- 2005** Collision Reconstruction Levels 1-3, KY Department of Criminal Justice Training, Richmond, KY, May 2005
- 2004** Certified Police Officer, Kentucky Department of Criminal Justice Training, Richmond, KY, May 2004

PROFESSIONAL MEMBERSHIPS

American Society of Criminology
American Sociological Association
Fraternal Order of Police
The International Association of Computer Investigative Specialists
Internet Crimes Against Children Task Force
Eagle Scout

EXPERT TESTIMONY

USA v. Hruby – Eastern District of Kentucky, Jury Trial– July 2019
Commonwealth v. Ross – Scott County Circuit Court, Kentucky, Jury Trial– Oct. 2019
USA v. Fields – Eastern District of Kentucky, Jury Trial– June 2019
USA v. Smith – Eastern District of Kentucky, Jury Trial – Nov. 2019
Commonwealth v. Minch – Madison County Circuit Court, Kentucky, Jury Trial – Nov. 2019
USA v. Zulawski – Eastern District of Kentucky, Jury Trial – Nov. 2019
Commonwealth v. Martin – Christian County, Kentucky Circuit Court, Trial – Jury - June 2021
USA v. Hentzen – Eastern District of Kentucky – 2255 Hearing – Expert for USAO – Aug. 2021
USA v. Zakarhi – Western District of Kentucky, Jury Trial – September 2021
USA v. Moore – Western District of Kentucky – Sentencing Hearing – November 2021
USA v. Zakarhi – Western District of Kentucky – Sentencing Hearing – January 2022
USA v. Abel – Eastern District of Kentucky – Sentencing Hearing – January 2022