

DIANA SUMMERS DOLLIVER

CONTACT INFORMATION

Address:	The University of Alabama Department of Criminology and Criminal Justice 403 Farrah Hall 1137 Cyber Hall Box 870320 (mailing) Tuscaloosa, Alabama 35487-0320	Email:	DLDolliver@ua.edu JECTF@ua.edu
		Phone:	205-348-7795 (office) 205-347-0604 (office) 205-348-7178 (fax)

EDUCATION

2009 – 2013	Doctor of Philosophy in Criminology and Justice Policy Northeastern University, School of Criminology and Criminal Justice Dissertation: <i>Organized Crime, Culture, and Social Institutions in Europe: An Application of Institutional Anomie Theory</i>
2007 – 2008	Master of Science Degree in Criminal Justice University of North Carolina at Charlotte, Department of Criminal Justice Thesis: <i>Utilizing Time-Series Analysis to Examine the Potential Effects of Criminalizing Possession and Purchasing of Drugs on the Drug User Population in Poland</i>
2007	Polish Language Studies Cracovia Academy Krakow, Poland
2003 – 2006	Bachelor of Arts Degree in Criminal Justice University of North Carolina at Charlotte, Department of Criminal Justice Cum Laude
2005	Russian Language Studies St. Petersburg State University St. Petersburg, Russia
2003 – 2006	Bachelor of Arts Degree in International Studies University of North Carolina at Charlotte, Department of Global, International & Area Studies Thesis: <i>International Law Enforcement: A look at the Russian Drug Trafficking Problem</i> Minor: Russian Language Cum Laude

PROFESSIONAL APPOINTMENTS

2013 – Present	Department of Criminal Justice The University of Alabama, Tuscaloosa, Alabama Tenure Track Assistant Professor Academic Director, Joint Electronic Crimes Task Force (JECTF)
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October 2016

2011 – 2013 School of Criminology and Criminal Justice
Northeastern University, Boston, Massachusetts
Instructor

2009 – 2013 School of Criminology and Criminal Justice
Northeastern University, Boston, Massachusetts
Stipended Graduate Assistant

2009 – 2011 Center for Criminal Justice Policy Research | Institute on Race and Justice
Northeastern University, Boston, Massachusetts
Project Director | Research Assistant

2007 – 2009 Department of Criminal Justice
University of North Carolina at Charlotte, Charlotte, North Carolina
Research Assistant

2005 – 2008 Drug Enforcement Administration, Charlotte, North Carolina
N.C. District Office

RESEARCH INTERESTS

Cybersecurity and Warfare
Criminality on the Tor Network (drug trafficking, weapons markets)
Law Enforcement (use of force, community policing, active shooter preparedness, technology)
Digital Forensics
Drugs and Crime
Comparative Criminology

JOURNAL PUBLICATIONS

Forthcoming Dolliver, D. S., S. P. Ericson, and K. L. Love. "A Geographic Analysis of Drug Trafficking Patterns on the Tor Network." *Geographical Review*.

Forthcoming Dolliver, D. S. and J. B. Kuhns. "Measuring Market Fluctuations of New Psychoactive Substances in a Dynamic Cryptomarket Environment." *Journal of Psychoactive Drugs*. DOI: 10.1080/02791072.2016.1229877.

2016 Dolliver, D. S. and J. Kenney. "Characteristics of Drug Vendors on the Tor Network: A Cryptomarket Comparison." *Victims and Offenders: An International Journal of Evidence-Based Research, Policy, and Practice*. 11(4): 600-620.

2015 Dolliver, D. S. and K L. Love. "Criminogenic Asymmetries in Cyberspace: A Comparative Analysis of Two Online Marketplaces." *Journal of Globalization Studies*. 5(2): 3-24.

2015 Dolliver, D. S. "Socio-Cultural Impacts on Drug Trafficking Trends in Europe." *European Journal of Crime, Criminal Law, and Criminal Justice*. 23(4): 383-406.

October 2016

- 2015 Dolliver, D. S. "A Rejoinder to Authors: Data Collection on Tor." *The International Journal of Drug Policy*. 26: 1128-1129.
- 2015 Dolliver, D. S. "Evaluating Drug Trafficking on the Tor Network: Silk Road 2, The Sequel." *The International Journal of Drug Policy*. 26: 1113-1123.
- 2015 Dolliver, D. S. "Environmental and Institutional Adaptation and Change: Testing Institutional Anomie Theory using Time Series Modeling of Homicide Data." *The British Journal of Criminology*. 55(4): 747-768.
- 2012 Summers, D. and E. Pływaczewski. "The Polish Context: Examining Issues of Police Reform, Drug Use and Drug Trafficking in a Transitioning Democracy." *Policing: An International Journal of Police Strategies & Management*. 35(2): 231-252.

PUBLICATIONS UNDER REVIEW

None.

PUBLICATIONS IN PROGRESS

- Working Manuscript Dolliver, D. S. and C. Collins. "A Hybrid Approach to Digital Forensic Investigations."
- Working Manuscript Dolliver, D. S. *Indicators of Drug Trafficking in Poland: a Fifteen-Year Analysis*.

OTHER PUBLICATIONS AND PEER-REVIEWED REPORTS

- Forthcoming Dolliver, D. S. and K. Poorman. "Understanding Cybercrime," in *Transnational Crime and Global Security* (P. Reichel and R. Randa, eds.). Santa Barbara, California: Praeger Security International.
- 2016 Dolliver, D. S. "Book Review: Criminality and Criminal Justice in Contemporary Poland: Sociopolitical Perspectives." *International Criminal Justice Review*. 26(3): 286-288
- 2016 Kuhns, J. B., D. S. Dolliver, E. Bent, and E. R. Maguire. *Understanding and Reducing the Use of Deadly Force and Firearms against Law Enforcement Officers in the United States*. Washington, DC: Office of Community Oriented Policing Services.
- 2014 Dolliver, M. and D. S. Dolliver (editors). *Policing Cyberspace: Law Enforcement and Forensics in the Digital Age*. San Diego, CA: Cognella Academic Publishing.
- 2014 Dolliver, D. S. and K. Seigfried-Spellar. "Legal, Forensic, and Criminological Aspects of Cyberterrorism." In *Current Problems of the Penal Law and Criminology* (6th ed.), E. Pływaczewski (ed.). Wolters Kluwer Publishing House.

- 2014 Dolliver, D. S. *Organized Crime*. Wiley Encyclopedia of Crime & Punishment. Wesley G. Jennings (ed.). Malden, MA: Wiley Blackwell Publishing.
- 2014 Dolliver, D. S. *Careers in Law Enforcement*. The Encyclopedia of Criminology & Criminal Justice. Jay Albanese (ed.). Malden, MA: Wiley Blackwell Publishing.
- 2014 Dolliver, D. S. *Wiretapping*. The Sage Encyclopedia of Criminal Justice Ethics. Bruce Arrigo (ed.). London, UK: Sage Publications.
- 2012 Summers, D. S. and Dolliver, M. *Drug Use: Treatment or Punishment? A Comparison between Poland and the United States*. Emil Pływaczewski (Eds.), *The Current Problems of Penal Law in Criminology*, 5th edition, pg. 715-731. Wolters Kluwer Publishing House.
- 2012 Marshall, I. and Summers, D. *Contemporary Differences in Rates and Trends of Homicide among European Nations*. Marieke Liem and William Pridemore (Eds.), *Handbook of European Homicide Research*. London, UK: Sage Publications.
- 2011 Summers, D. and Kuhns, J. B. *Non-Deadly Use of Force by Police*. The Encyclopedia of American Law and Criminal Justice. New York City: Facts on File, Inc.
- 2010 Summers, D. L. & Kuhns, J. B. *Currently Available Less-than-Lethal Alternatives and Emerging Technologies for the Future*. Kuhns, J.B. & Knutsson, J. (Eds.), *Police Use of Force: A Global Perspective*, pg. 188-198. Praeger Security International.
Outstanding Academic Title Award for 2010 by Choice.

SUBMITTED OR IN-PROCESS GRANT PROPOSALS

- Submitted *Building Trust and Legitimacy between Police and their Communities: An Assessment of Policing Practices and Philosophies in Mobile, Alabama*. Diana Dolliver, Anneliese Bolland, and Lesley Reid (Co-Principal Investigators). Pending. College Academy of Research, Scholarship, and Activity (CARSCA). College of Arts and Sciences, The University of Alabama. \$4,429.
- Submitted *Building Trust and Legitimacy from the Chief to the Street: A Multi-Method Assessment of Procedural Justice in Police-Community Relations*. Anneliese Bolland, Adam Lankford (Co-Principal Investigators), John Bolland, Diana Dolliver, Lesley Reid, and Josh Wakeham (Co-Investigators). Pending. National Institute of Justice. \$627,458.

FUNDED GRANTS AND CONTRACTS

- 2014 - 2016 *Investigating Online Drug Trafficking*. D. S. Dolliver (Principal Investigator). Research Grants Committee (RGC) recipient #RG14633. The University of Alabama. \$4,941.00

2014 - 2015 *Evaluating Criminal Opportunities on the Tor Network*. D. S. Dolliver (Principal Investigator). College Academy of Research, Scholarship, and Creative Activity (CARSCA). College of Arts and Sciences The University of Alabama. \$1,530.00

UNFUNDED GRANT-WRITING EXPERIENCE

2016 *Title, PIs, and Senior Personnel Redacted*. Computer and Information Science and Engineering (CISE) Cyber-Physical Systems (CPS) Synergy. National Science Foundation. \$1,324,992.

2014 *CRII: SaTC: Securing Cyberspace from Misuse: Understanding Patterns of Criminality on Tor*. D. S. Dolliver (Principal Investigator). Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII). National Science Foundation. \$120,449

SELECT PROFESSIONAL PRESENTATIONS & MEETINGS

2016 *Tor-Based Weapons Markets*
Alabama Fusion Center (ALFC)
Intelligence Working Group (IWG)
Montgomery, Alabama

2016 *Dynamic Trends in Domestic and International Drug Trafficking*
Tufts School of Medicine
Boston, Massachusetts, USA

2015 *Cyber Threats on the Tor Network*
Alabama Fusion Center
Cyber Liaison Officer (CLO) Training
NCFI, Hoover Alabama; December 1st

2015 *Understanding the Use of Deadly Force and Firearms Against the Police* with Dr. Joseph Kuhns, Emily Bent, and Dr. Edward Maguire
American Society of Criminology Annual Conference
Washington, D.C. USA

2015 Roundtable: *From Illicit Drug Markets to Online Illicit Drug Markets: The Evolution of Illicit Drug Markets*
American Society of Criminology Annual Conference
Washington, D.C. USA

2015 *Drug Trafficking and Vendor Characteristics on Tor Network Cryptomarkets*
American Society of Criminology Annual Conference
Washington, D.C. USA

2015 *Patterns of Criminality and Drug Trafficking on the Tor Network: Evidence from Three Cryptomarkets*
Cyber Security World Conference 2015
MIS Training Institute
Washington, DC

2015 *Examining the Use of Deadly Force and Firearms Against the Police* with Dr. Joseph Kuhns and Dr. Edward Maguire
Academy of Criminal Justice Sciences Annual Conference
Orlando, Florida USA

- 2014 *National Officer Safety and Wellness (OSW) Working Group Meeting: Reducing the Use of Deadly Force and Firearms Against Officers*
Department of Justice (DOJ): Bureau of Justice Assistance (BJA) and
Community Oriented Policing Services (COPS)
Washington, D.C.
- 2014 *Evidence of Organized Crime and Drug Trafficking on the Tor Network*
American Society of Criminology Annual Conference
San Francisco, California USA
- 2014 *Securing Cyberspace from Misuse: Evaluating Drug Trafficking on the Tor Network*
XVII Conference on Telecommunications and IT Security (SECURE 2014)
Warsaw, Poland
- 2014 *Ongoing Cyber Initiatives at the University of Alabama* with Dr. Kathryn Seigfried-Spellar
International Association of Law Enforcement Intelligence Analysts (IALEIA)
Annual Training Conference
Atlanta, Georgia, USA
- 2013 *Taking a Socio-Cultural Approach to Organized Crime*
American Society of Criminology Annual Conference
Atlanta, Georgia, USA
- 2013 *A Cross-National Test of Institutional Anomie Theory: The Good News and the Bad News*
American Society of Criminology Annual Conference
Atlanta, Georgia, USA
- 2012 *Organized Crime: Theoretical and Definitional Challenges*
American Society of Criminology Annual Conference
Chicago, Illinois, USA
- 2010 *Drug Trafficking and Abuse: The Case of Poland*
Middle & Western China International Conference on Drug Issues
Chongqing, China
- 2007 *Current Drug Situation in America*
Małopolska Regional Police Headquarters
Krakow, Poland

INTERVIEWS AND MEDIA FEATURES

- 2016, Sept. 27 WIAT-TV News (CBS affiliate), “Cybersecurity Discussed During First Presidential Debate”
- 2016, Sept. 23 WVUA-TV News, “Yahoo Data-Breach”
- 2016, April 26 NBC News, “Ransomware Hackers Blackmail U.S. Police Departments”
- 2016, Mar. 24 UA Service-Learning Magazine, “UA students help process cyber evidence in partnership with state, national law-enforcement agencies”
- 2016, Feb. 19 WVUA-TV News, “Apple Fighting Court Order to Help FBI Hack Into San Bernardino Shooter’s Phone”
- 2016, Feb. 8 A&S Desktop News, “Cybercrime Internship Gaining Steam”
- 2015, Nov. 1 The Collegian, “Cybercrime Initiatives Expand”
- 2015, Sept. 29 The Crimson White, “Cybercrime: UA technology responds to new threats”
- 2015, July 13 The Conversation, “How a virtual ‘mob boss’ from Texas became the new face of organized crime”
Reprinted in (among others)
News.com.au
The News Journal

- 2015, May 27 The Dallas Morning News, “Hacktivists taking aim at Dallas-Fort Worth Police Departments”
- 2015, April 6 The Boston Globe, “When hackers cripple data, police departments pay ransom”
- 2015, Mar. 12 University of Alabama News, “UA to Launch Interdisciplinary Cybercrime Minor”
- 2014, Nov. 30 CBS Radio News Desk San Francisco (KCBS AM & FM Radio), “Cyber Threats and the Holiday Shopping Season”
- 2014, Nov. 28 The Conversation, “After a Data Breach, it’s Consumers Left Holding the Bag”
Reprinted in (among others)
Wall Street Journal
The Fiscal Times
Network Box USA, Inc. (Houston, Texas)
eScience News
Phys.org
NewsNow.co.uk
- 2014, Oct. 27 Fox 6 WBRC-TV, “UA to Host Panel Discussion on Police and Community Relations” (Oregon)
Reprinted in (among others)
Fox 12 TV (Oregon)
Texas Tactical Police Officers Association (www.ttpoa.org)
World Now (Mississippi News)
Birmingham Observer
- 2014, Sept. 23 WVUA-FM, “Cybercrime Investigations in light of UA Social Media Scare”
- 2014, Sept. 3 WVUA-TV, “iCloud and Cybersecurity Concerns”
- 2014, Aug. 6 Quartz (qz.com), “Tor Browser Project”
- 2014, July 1 SpamFighter.com, “Ransomware Holds Captive PC-files of Collinsville Police”
- 2014, July 1 SpanNews.com, “Ransomware Holds Captive PC-files of Collinsville Police”
- 2014, June 24 Softpedia.com Online News, “Collinsville Police Department Hit by Ransomware Trojan”
- 2014, June 24 Associated Press, “FBI Asked to Investigate Alabama Police Cyberattack”
Reprinted in (among others):
San Francisco Chronicle (San Francisco, California)
The Washington Times (Washington, D.C.)
Stamford Advocate (Stamford, Connecticut)
MySA: San Antonio News (San Antonio, Texas)
Greenwich Times (Greenwich, Connecticut)
Seattle Press Intelligencer (Seattle, Washington)
Ocala Star Banner (Ocala, Florida)
Westport News (Westport, Connecticut)
The Herald-Tribune (Sarasota, Florida)
The Republic (Columbus, Indiana)
Interceder.net
NewsTimes (Danbury, Connecticut)
The Daytona Beach News (Daytona, Florida)
The Houston Chronicle (Houston, Texas)
WJTC/UTV44 (Mobile, Alabama)
The Moulton Advisor (Moulton, Alabama)
NBC WDEF News 12 (Chattanooga, Tennessee)
Fairfield Citizen (Fairfield, Connecticut)
WPMI NBC 15 (Mobile, Alabama)
WKRN-TV (Nashville, Tennessee)
WLTZ-TV (Columbus, Georgia)

- Decatur Daily (Decatur, Alabama)
- 2014, June 23 The Gadsden Times Newspaper, "Cyber Attacks for Ransom Becoming More Common"
Reprinted in:
Cyber Week News (www.cyberweeks.com)
Cyber World (www.cyberstrategies.wordpress.com)
- 2014, May 7 University of Alabama News, "UA Professors to Host Cybercrime Workshop at International Conference"
Reprinted in:
The Birmingham Star (Birmingham, Alabama)
Information Security News (FinEx)
HighBeam Research (highbeam.com)
- 2014, April 3 Anniston Star Newspaper, "Public Opinions of Marijuana, Drug Treatment, and Prison Population"
- 2014, Mar. 5 WVTM-TV Alabama's 13 News Channel (NBC affiliate), "Major steroid supplier in Tuscaloosa arrested"
- 2014, Jan. 10 CriminalJusticeDegreeSchools.com, "Career Interview Series"
- 2014, Jan. 8 The Crimson White Newspaper, "Recent Marijuana Legislation"
- 2013, Dec. 4 U.A. *Educated Guesses* Media Tip Sheet, "Marijuana Legislation: Predictions for 2014"
- 2013, Oct. 25 WVUA-FM Radio, "The Politics of Marijuana"
- 2013, Oct. 21 *Time* Magazine, Nov. 11th edition. Cover Story: "The Secret Web: Where Drugs, Porn, and Murder Hide Online."

TEACHING EXPERIENCE

- 2017 CC 402; "Digital Forensic Investigation"
The University of Alabama
- 2016 CJ 220; "Law Enforcement"
The University of Alabama
- 2014 – 2016 CJ 590 (Graduate level); "Cyber Security and Warfare"
The University of Alabama
- 2015 – 2016 CC 401; "Law Enforcement in the Digital Age"
The University of Alabama
- 2014 – 2015 CJ 300, "Survey of Criminal Theories"
The University of Alabama
- 2013 – 2014 CJ 490; CJ 290, "Drugs, Crime, and Policy"
The University of Alabama
- 2014 SOC 350, "Criminology"
The University of Alabama
- 2013 CRIM 3900, "Topics in Criminology: Drugs, Crime, and Policy"
Northeastern University
- 2011 – 2012 CRIM 3500, "Policing"
Northeastern University
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GRADUATE COMMITTEES

2015 – 2017 K. Poorman, M.S. thesis chair
2015 – 2016 C. H. Smith, M.S. thesis committee member

OTHER DEVELOPMENTAL ACTIVITIES

2013 – Present Formal Academic Training:
Learning in Action QEP: Best Practices of Experiential Learning
Workshop series; UA April 2015
NSF CAREER Workshop 2015 for Computer and Information Science
and Engineering (CISE) directorate; Washington, D.C. March
2015
ArcGIS Workshop series; UA February 2015
NSF/DIMACS 2014 Workshop for Aspiring PIs in Secure and
Trustworthy Cyberspace; San Diego, California August 2014
Qualtrics Training; U.A. 2014
U.A. Research Grants Committee Workshops; U.A. 2013
Pivot Training; U.A. 2013
Active Learning Initiative pedagogical series; U.A. 2013

2014 – 2015 Bauer Grant Writing Workshop Fellow

2006 – 2008 Assisted with data collection on the project by Eugene A. Paoline III Co-PI with
William Terrill entitled “Assessing Police Use of Force Policy and Outcomes”;
from the National Institute of Justice (Grant 2005-IJ-CX-0055)

NATIONAL SECURITY CLEARANCE

2008 Successfully Passed FBI Polygraph and TS/SCI Background Investigation
2005 Secret (2005-2010)

PROFESSIONAL SERVICE

2015 – Present Academic Director for the Alabama Joint Electronic Crimes Task Force (JECTF)
ICAC Task Force Member
FBI Active Shooter Training Conference
JECTF Internship Coordinator

2013 – Present Internal Committee Service for U.A.’s Department of Criminology and Criminal
Justice:
Community Engagement Committee Chair (2014 – Present)
Faculty Library/eTech Liaison (2013 – Present)
Search Committee (2014 – 2015)
Graduate Orientation Organizer (2015)
Thesis and Computational Exam Workshop Organizer (2015)
Student Scholarship Recognition Committee (2013 – 2015)
Assessment Committee (2013 – 2014)

2013 – Present Member of the Scholars Strategy Network
<http://www.scholarsstrategynetwork.org/scholar-profile/307>

October 2016

2010 – Present	Ad-Hoc Manuscript Reviewer for: Criminology Journal of Criminal Justice Journal of Quantitative Criminology Social Problems International Journal of Drug Policy Policing: An International Journal of Police Strategies & Management Crime, Law, and Social Change Victim & Offenders: An International Journal of Evidence-based Research, Policy, and Practice International Journal of Comparative and Applied Criminal Justice
2011 – 2013	Northeastern University’s Collaborative Research Cluster on Homicide

PROFESSIONAL ASSOCIATIONS

2009 – Present	American Society of Criminology, International Section
2009 – Present	International Association of Law Enforcement Intelligence Analysts
2004 – Present	Sigma Alpha Lambda National Honors Society
2008 – 2010	Academy of Criminal Justice Sciences, International Section
2009 – 2010	International Association of Crime Analysts

AWARDS

2014	The Williams Fund; Capstone International Center and Office of Academic Affairs
2007	The Karl and Anna Ginter Foundation Fund for International Study Scholarship
2005	The Karl and Anna Ginter Foundation Fund for International Study Scholarship
2004	Raytheon Scholarship
2003	Raytheon Scholarship

PROFESSIONAL REFERENCES

Available upon request.