

## Dr. Joshua L. Brunty

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### CONTACT

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Forensic Science Center  
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Web: <https://solo.to/joshbrunty>

### PROFESSIONAL PROFILE

<http://science.marshall.edu/brunty11> (Faculty Website)  
<https://joshbrunty.github.io/> (Professional Blog)  
<https://www.github.com/joshbrunty> (Github Repository)  
<https://www.linkedin.com/in/joshbrunty/>  
<https://www.twitter.com/joshbrunty>

### RESEARCH PROFILE

[https://www.researchgate.net/profile/Josh\\_Brunty](https://www.researchgate.net/profile/Josh_Brunty) (ResearchGate)  
<https://marshall.academia.edu/JoshBrunty> (Academia.edu)  
<https://goo.gl/CHyqaB> (Google Scholar)  
<http://orcid.org/0000-0002-2613-4619> (ORCID ID)

### APPOINTMENTS & EMPLOYMENT

<b>Marshall University, Cyber Forensics &amp; Security Graduate Program</b> <i>Director of Cyber Forensics &amp; Security Graduate Program</i>	<b>Oct. 2022-present</b>
<b>Marshall University, Forensic Science Graduate Program</b> <i>Associate Professor (with Tenure) of Digital Forensics</i>	<b>2018-present</b>
<b>Marshall University, Department of Digital Forensics</b> <i>Assistant Professor of Digital Forensics &amp; Information Assurance</i>	<b>2016-2018</b>
<b>ANSI-ASQ National Accreditation Board (ANAB)</b> <i>ISO 17020-17025 Digital Forensics Technical Contract Assessor</i>	<b>2010-2017</b>
<b>Marshall University, Department Integrated Science &amp; Technology</b> <i>Assistant Professor of Computer Information Technology (Digital Forensics)</i>	<b>2012-2016</b>
<b>University of Charleston</b> <i>Adjunct Faculty- Masters of Forensic Accounting (MFAcc) Program</i>	<b>2010-2017</b>
<b>Marshall University, Forensic Science MS Program</b> <i>Adjunct Faculty- Digital Forensics</i>	<b>2008-2012</b>
<b>Marshall University Forensic Science Center</b> <i>Digital Forensics Technical Leader/Information Technology Mgr.</i>	<b>2008-2012</b>
<b>Marshall University Forensic Science Center</b> <b>West Virginia State Police Digital Forensics Unit</b> <i>Computer Forensics Examiner/Quality Assurance Manager</i>	<b>2005-2008</b>

### EDUCATION

<b>Middle Georgia State University</b> <i>Doctor of Science (Sc.D.), Information Technology</i> Dissertation: Student Perceptions of Experiential-Based Learning Exercises in Cybersecurity Education	<b>2023</b>
<b>Marshall University Graduate College</b> <i>Master of Science (M.S.), Criminal Justice</i>	<b>2009</b>
<b>Marshall University</b> <i>Bachelor of Arts (B.A.), Criminal Justice</i>	<b>2005</b>

### CERTIFICATIONS

**Cellebrite Certified Mobile Examiner (CCME)**, Cellebrite Inc. (December 15, 2015 - Present).  
**Cellebrite Certified Physical Analyst (CCPA)**, Cellebrite Inc. (August 7, 2015 - Present).  
**Cellebrite Certified Operator (CCO)**, Cellebrite Inc. (August 4, 2015 - Present).  
**Cellebrite Certified Instructor (CCI)**, Cellebrite Inc. (December, 2015 - Present).  
**Certified Forensic Video Technician (CFVT)**, LEVA Inc. (May 11, 2018-Present)  
**Computer Hacking Forensic Investigator (CIHFI)**, EC-Council. (May 30, 2008 - Present).  
**GIAC Advanced Smartphone Forensics (GASF), #862** GIAC. (October 9, 2020 - Present).  
**Magnet Certified Forensic Examiner (MCFE)**. Magnet Forensics, Inc. (June 2, 2019- Present)  
**Seized Computer Evidence Recovery Specialist (SCERS)**, (January 14, 2011 - Present).

- MEMBERSHIPS**      **Fellow** (Promoted February, 2020), American Academy of Forensic Sciences (AAFS). (2008 - Present).  
**Voting Member**, ASTM International E30 30.12 Digital Forensics Subcommittee (Dec 2018-present).  
**Associate Member**, High Technology Crime Investigation Association (HTCIA). (2007 - Present).  
**Member**, Law Enforcement & Emergency Services Video Association (LEVA). (2017-present).  
**Member** FBI INFRAGARD. (September 2012 – Present).
- AWARDS**  
(TEACHING)      Marshall & Shirley Reynolds Outstanding Teaching Award Winner (Marshall University) (2020)  
John & Francis Rucker Outstanding Graduate Advisor Award Winner (Marshall University) (2020)
- AWARDS**  
(PROFESSIONAL)      Forensic 4:Cast Awards 2021- Mentor of the Year (Finalist)  
Certificate of Special Congressional Recognition (Rep. Carol Miller, June 9, 2020).  
American Academy of Forensic Sciences- Digital/Multimedia Sciences Outstanding Research Award Winner (Anaheim, February 2020)
- AWARDS**  
(OTHER)      National Championship (serving as faculty advisor). National Cyber League (NCL). Spring, 2020.  
WV State All-Service Championship (serving as mentor). AFA CyberPatriot. Spring, 2020.
- FUNDING**      National Computer Forensics Institute/United States Secret Service- R&D (\$755K), PI, 2020-present  
Department of Homeland Security S&T (\$2M), Co-PI, 2020-present  
Department of Homeland Security (\$4.2M), Co-PI, 2019-present  
National Security Agency. *GenCyber* (\$62K), PI, 2018  
INCO. *Faculty Development Grant* (\$1.2K), PI, 2018  
National Security Agency. *GenCyber* (\$50K), PI, 2017  
INCO. *Faculty Development Grant* (\$1.2K), PI, 2017  
National Institute of Justice. *Award 2010-IJ-CX-K025* (\$855K), Co-PI, 2010-2015  
INCO. *Faculty Development Grant* (\$1K), PI, 2014
- PUBLICATIONS**  
(JOURNAL).      Brunty, J. (2022). Validation of forensic tools, software, and methods: A Primer for the Digital Forensic Examiner. *Wiley Interdisciplinary Reviews (WIREs): Forensic Science*, e1474.  
<http://doi.org/10.1002/wfs2.1474>.  
  
Vanputte, L., Dorai, G., Clark IV, A., Mock, R., Brunty, J. (2022). Forensic Analysis of the Snapchat iOS App with Spectacles-Synced Artifacts. *IFIP Advances in Information and Communication Technology*, vol. 653, pp. 65-81. Springer, Cham.  
[https://doi.org/10.1007/978-3-031-10078-9\\_4](https://doi.org/10.1007/978-3-031-10078-9_4).  
  
Odom, N., Brunty, J. Lindmar, J., and Hirt, J. (2019), Forensic Inspection of Sensitive User Data and Artifacts from Smartwatch Wearable Devices,. *J Forensic Sci*.  
<https://doi.org/10.1111/1556-4029.14109>.
- PUBLICATIONS**  
(BOOK)      Brunty J. & Helenek, K. *Social Media Investigation for Law Enforcement*.  
Routledge Company, Wales, UK. ISBN 978-1-4557-3135-0.
- PUBLICATIONS**  
(BOOK CHAPTERS)      Brunty, J. (2015). Mobile Device Forensics: Threats, Challenges, & Future Trends  
In *Digital Forensics: Threatscape and Best Practices*.  
Syngress/Elsevier, Waltham, MA. ISBN 978-0-12-804526-8.
- PUBLICATIONS**  
(CONFERENCE ABSTRACTS)      Haak, L. & Brunty J. Data Decryption of Android Third Party Private Messaging Apps: A Case Study.  
*Proceedings of the 2021 American Academy of Forensic Sciences (Virtual AAFS), 2021*.

- Odom, N., Lindmar, J., Brunty, J., Rushton, C. (2019). Go- Go-Go Gadget, Smartwatch! An Investigation of Wearable Devices and Their Forensic Value. *American Academy of Forensic Sciences (AAFS), Baltimore, MD, 2019.*
- Kresl, N., McPhillen, C., Swann, H., Watson, S., Rathbone, D., Richards-Waugh, L., Brunty, J., & Rushton, C. (2019). The Development of Protocols for the Analysis of Mobile Devices That Have Been Submerged in Oil-Based, Flammable, and Clandestine Chemical Liquids. *American Academy of Forensic Sciences (AAFS), Baltimore, MD 2019.*
- Wilkinson, K., Boggs, R., Brunty, J., Fenger, T. Development of a Portable Mobile Phone Forensic Acquisition and Analysis Toolkit Utilizing Open Source Tools. *American Academy of Forensic Sciences (AAFS), Las Vegas, NV, 2016.*
- Cervellone, A., Price, R., Brunty, J., Fenger, T. A Comparison of Computer Forensic Tools: An Open-Source Evaluation. *American Academy of Forensic Sciences (AAFS), Las Vegas, NV, 2016.*
- Parker, N., Brunty, J., Boggs, R., Fenger, T. Age Estimation of Adolescents Using Eye Measurements From Various Angles in Videos. *American Academy of Forensic Sciences (AAFS), Las Vegas, NV, 2016.*
- Baber, K., Boggs, R., Brunty, J., Levstein, I, Fenger, T. Age Estimation of Adolescents and Adults Using the Dimension of the Eye and Pupil in "Selfie" Photographs. *American Academy of Forensic Sciences (AAFS), Orlando, FL, 2015.*
- Friedman, R., Brunty, J. & Fenger, T. A Digital Forensic Analysis on the iCloud and its Synchronization to Apple Devices. *American Academy of Forensic Sciences (AAFS), Washington, DC, 2013.*
- Corcoran, K., Read, A., Brunty J. & Fenger, T. Messaging Application Analysis for Android and iOS Platforms. *American Academy of Forensic Sciences (AAFS), Washington, DC, 2013.*
- Rusbarsky, K. L., Smith, C., Brunty, J. L., Fenger, T. (2013). *A Forensic Comparison of NTFS and FAT32 File Systems. American Academy of Forensic Sciences (AAFS), Washington, DC, 2013.*
- PUBLICATIONS (ARTICLES)**
- Brunty, J. "Writing DFIR Reports: A Primer." *Forensic Focus*. Published 4 February, 2021.
- Brunty, J. "Josh Brunty on Digital Forensics Education" *Forensic Focus*. Published 11 August, 2020.
- Brunty, J. "Social Media Investigation for Law Enforcement." *Digital Forensic Investigator (DFI News)*. 2014(2).
- Brunty, J. "Social Media Investigation for Law Enforcement." *Forensic Magazine* Vol. 11 No. 2, 2014.
- Brunty, J. "Windows 8: A Forensic First Look." *Digital Forensic Investigator (DFI News)*. 2012(2)
- PUBLICATIONS (TECHNICAL REPORTS):**
- Brunty, J. Best Practices for Digital Forensics. NIJ. Department of Forensic Science. Radford University (May 2013).
- Brunty, J. L., Law Enforcement Advisory Panel (LEAP), "Law Enforcement Advisory Panel-Operational Session," RAND Corporation, Arlington, VA. (June 21, 2016).
- MEDIA CONTRIBUTIONS**
- Unallocated Space Podcast S1:Ep 9. ArcPoint Forensics. July 21, 2022.
- NIJ Just Science Forensics Podcast: Digital Forensics. May, 2022. NCJ Number: 304846
- Oxygen Forensics Podcast Episode 118. July 17, 2020.
- The Forensic Lunch. May 8, 2020
- Credit Card Vulnerability Awareness Rises. Herald Dispatch. November 2, 2017
- Local Digital Forensics Experts Weigh in on Apple vs. FBI. *WOWK 13 News*. Feb 23, 2016.

Police Say Customer Tackles Jewelry Store Thief. *WSAZ Channel 3 News*. Dec 30, 2015.  
CCTV in Criminal Investigations. *WOWK 13 News*. September 22, 2014.  
Social Media Reshapes the Courts. *Point Park News Service*. May 7, 2013  
Social Media & Boston Bombings. WIBC 93.1 Talk Radio (Indianapolis, IN). April 19, 2013.  
Social Media Sites a Treasure Trove for Police. *Scranton Times Tribune*. April 14, 2013.

## INVITED TALKS

Brunty, J. (Presenter). The New Jersey Association of Forensic Sciences (NJAFS). "Digital Forensics." Webinar. (December 7, 2022).

Brunty, J. (Presenter). Council of Forensic Science Educators (COFSE) Biennial Meeting. "Digital Forensics: Past, Present, and Future." (March 7, 2022).

Brunty, J.L., (Presenter & Author). National Cyber Crime Conference (NCCC) 2021 Annual Conference. "Writing Effective Digital Forensics Reports: A Primer " Remote. (April 26, 2021).

Brunty, J.L., (Presenter & Author). Open Source Digital Forensics Conference (OSDFCon.org) 2019 Annual Conference. "Go-Go Gadget Smartwatch. Open Source Forensic Tools & Methodologies for Wearable Devices" Washington, DC. (October 16, 2019).

Brunty, J.L., (Presenter & Author). Appalachian Institute of Digital Evidence 2019 Annual Conference. "Go-Go Gadget Smartwatch. An Investigation of Wearable Devices & Their Forensic Value" Huntington, WV. (April 19, 2019).

Brunty, J. L., Appalachian Institute of Digital Evidence 2018 Annual Conference "PUPs to PWN: Attack Vectors of Newest Waves of Bloatware." Huntington, WV. (April 5, 2018)

Brunty, J. L., NCSTL Electronic Evidence Essentials Webinar. National Center for Science, Technology, & the Law, Gulfport, FL. (February 12, 2018).

Brunty, J. L. (Presenter & Author), SecureWV/Hackercon 2017, "Mobile Device Forensics," SecureWV, Charleston, WV. (November 19, 2017).

Brunty, J. L. (Presenter & Author), SecureWV/Hackercon 2017, " Introduction to Network Forensics," SecureWV, Charleston, WV. (November 18, 2017).

Brunty, J. L. (Presenter & Author), SecureWV/Hackercon 2017, " Introduction to TCPdump & Wireshark," SecureWV, Charleston, WV. (November 17, 2017).

Brunty, J. L., NW3C Cyber Bootcamp, "Introduction to Video Forensics," National White Collar Crime Center, Huntington, WV. (July 30, 2017).

Brunty, J. L., NCSTL Crime Scene to Courtroom Conference, "Introduction to Digital Evidence," National Center for Science, Technology, & the Law, Phoenix, AZ. (June 13, 2017).

Brunty, J. L., BSides Kansas City 2017. "PUPs to PWN: Attack Vectors of Newest Waves of Bloatware." BSides KC. Kansas City, MO. (May 15, 2017)

Brunty, J. L. (Presenter & Author), SecureWV/Hackercon 2016, "Mobile Device Forensics," SecureWV, Charleston, WV. (November 20, 2016).

Brunty, J. L. SecureWV/Hackercon 2016, "Introduction to Network Forensics," SecureWV, Charleston, WV. (November 19, 2016).

Brunty, J. L. SecureWV/Hackercon 2016, "Introduction to TCPdump & Wireshark," SecureWV, Charleston, WV. (November 18, 2016).

Brunty, J. L. 2016 Cyber Safety Summit, "Dangers of Social Media," Marshall University, FBI, Appalachian Institute of Digital Evidence, Huntington Civic Center, WV. (November 17, 2016).

Brunty, J. L., Law Enforcement Advisory Panel (LEAP), "Law Enforcement Advisory Panel- Operational Session," RAND Corporation, Arlington, VA. (June 21, 2016).

Brunty, J. L. 4th Annual Digital Forensic Curriculum Standards (DFCS) Workshop, "Mobile Device Forensics: Challenges & Trends in Curriculum Development," University of Illinois, Champaign, IL. (May 10, 2016).

Brunty, J. L., 2015 West Virginia Probation Officer's Conference, "Social Media Investigation," WV Supreme Court of Appeals, Charleston, WV. (September 18, 2015).

Brunty, J. L. ARAPA Real Crime Real Solutions Training Conference, "Social Media Investigation," Albuquerque Retail Asset Protection Association (ARAPA), Albuquerque, NM. (June 11, 2015).

Brunty, J. L., Appalachian Institute of Digital Evidence Annual Conference, "Purpose of the NIST OSAC," Appalachian Institute of Digital Evidence (AIDE), Huntington, WV. (April 23, 2015).

Brunty, J. L. 2014 Cyber Safety Summit, "Dangers of Social Media," Marshall University, FBI, Appalachian Institute of Digital Evidence, Huntington East Middle School, WV. (December 17, 2014).

Brunty, J. L. 2014 Cyber Safety Summit, "Dangers of Social Media," Marshall University, FBI, Appalachian Institute of Digital Evidence, Huntington Civic Center, WV. (December 15, 2014).

Brunty, J. L. 2013 Cyber Safety Summit, "Dangers of Social Media," St. Mary's Medical Center, Marshall University, FBI, Appalachian Institute of Digital Evidence, Huntington, WV. (December 3, 2013).

Brunty, J. L. Caribbean Conference on Business Forensics, "Social Media Forensics," The Institute of Chartered Accountants of Trinidad & Tobago (ICATT), Port of Spain, Trinidad. (May 15, 2013).

Brunty, J. L. Caribbean Conference on Business Forensics, "Introduction to Digital Forensics," The Institute of Chartered Accountants of Trinidad & Tobago (ICATT), Port of Spain, Trinidad. (May 14, 2013).

Brunty, J. L. 2013 Appalachian Institute of Digital Evidence Conference, "First Responder to Digital Evidence Course," Appalachian Institute of Digital Evidence, Huntington, WV. (April 19, 2013).

Brunty, J. L. 2013 Appalachian Institute of Digital Evidence Conference, "Social Media Forensics: Investigative Tools, Techniques, and Trends," Appalachian Institute of Digital Evidence, Huntington, WV. (April 16, 2013).

Brunty, J. L. 13th Annual Sexual Assault and Stalking Symposium, "Social Media Forensics," West Virginia Foundation for Rape Information and Services, Roanoke, WV. (April 11, 2013).

Brunty, J. L. 2013 Professional Association Of Wisconsin Licensed Investigators Conference, "Social Media Forensics: Investigative Tools, Techniques, and Trends," Professional Association Of Wisconsin Licensed Investigators (PAWLI), Green Bay, WI. (April 4, 2013).

## PROFESSIONAL DEVELOPMENT & TRAINING

Conference Attendance, "American Academy of Forensic Sciences 75<sup>th</sup> Annual Meeting," American Academy of Forensic Sciences, Orlando, FL, USA. (February 13, 2020- February 17, 2023).

Continuing Education, "Cellebrite Chip-Off Forensics (CCOF) Training Course," Cellebrite Inc., Vienna, VA. (May 16, 2022 – May 20, 2022).

Conference Attendance, "American Academy of Forensic Sciences 72<sup>nd</sup> Annual Meeting," American Academy of Forensic Sciences, Anaheim, CA, USA. (February 17, 2020- February 22, 2020).

Continuing Education. SANS FOR5585- Smartphone Forensic Analysis in Depth. SANS Institute. (October 9, 2020).

Conference Attendance, "American Academy of Forensic Sciences 72<sup>nd</sup> Annual Meeting," American Academy of Forensic Sciences, Anaheim, CA, USA. (February 17, 2020- February 22, 2020).

Continuing Education. Cryptocurrency & Dark Web Investigations. Tomoko Discovery, Huntington, WV. (October 19, 2019- October 23, 2019, 2019)

Continuing Education. Open Source Digital Forensics Conference (OSDFCon.org) 2019 Annual Conference. Washington, DC. (October 16, 2019).

Continuing Education. Magnet Forensics AX200 Course- Magnet Axiom Investigations. Myrtle Beach, SC. (May 29-June 1, 2019).

Conference Attendance, "American Academy of Forensic Sciences 71<sup>st</sup> Annual Meeting," American Academy of Forensic Sciences, Baltimore, MD, USA. (February 17, 2019- February 22, 2019).

Continuing Education. LEVA Level 2- Digital Multimedia Evidence Processing, Kansas City, MO (May 7-11, 2018)

Continuing Education. SANS 572- Advanced Network Forensics & Analysis. SANS Institute (April 23, 2018)

Workshop, "NSA GenCyber Fall Meeting", Orlando, FL, USA. (September 18-19, 2017).

Conference Attendance, NCSTL Crime Scene to Courtroom Conference, National Center for Science, Technology & the Law, Phoenix, AZ. (June 13, 2017)

Conference Attendance, "BSides Security BSides Conference," Kansas City, MO. (May 20, 2017)

Continuing Education. "CC 225- Apple iDevice Forensics," National White Collar Crime Center (NW3C), Huntington, WV. (May 22, 2017 - May 23, 2017).

Continuing Education. "CC 325- Macintosh Forensic Analysis," National White Collar Crime Center (NW3C), Huntington, WV. (May 24, 2017 - May 25, 2017).

Workshop, "NIST Organization of Scientific Area Committee (OSAC) Meeting," National Institute of Standards & Technology, Leesburg, VA, USA. (April 17, 2017 - April 21, 2017).

Workshop, "NSA GenCyber Spring Meeting," San Antonio, TX, USA. (April 1-2, 2017).

Continuing Education Program, "CC 101- Basic Data Recovery & Acquisition (BDRA)," National White Collar Crime Center (NW3C), Huntington, WV, USA. (May 25, 2016 - May 27, 2016).

Continuing Education Program, "CI 101- Secure Techniques for Online Previewing (STOP) Course," National White Collar Crime Center (NW3C), Huntington, WV. (May 23, 2016 - May 24, 2016).

Workshop, "Digital Forensics Curriculum Standards Workshop," University of Illinois, Champaign, IL, USA. (May 10, 2016).

Conference Attendance, "Appalachian Institute of Digital Evidence Annual Conference," Appalachian Institute of Digital Evidence (AIDE), Huntington, WV, USA. (April 18, 2016 - April 22, 2016).

Workshop, "NIST Organization of Scientific Area Committee (OSAC) Meeting," National Institute of Standards & Technology, Leesburg, VA, USA. (January 25, 2016 - January 29, 2016).

Continuing Education, "Cellebrite Certified Physical Analyst (CCPA) Training Course," Cellebrite Inc., Huntington, WV. (August 5, 2015 - August 7, 2015).

Continuing Education, "Cellebrite Certified Logical Operator (CCLO) Training Course," Cellebrite Inc., Huntington, WV. (August 3, 2015 - August 4, 2015).

Conference Attendance, "Real Crime, Real Solutions Southwest Region Training Conference," ARAPA CONNECT, Albuquerque, NM, USA. (June 11, 2015).

Conference Attendance, "Appalachian Institute of Digital Evidence Annual Conference," Appalachian Institute of Digital Evidence, Huntington, WV, USA. (April 20, 2015 - April 24, 2015).

Conference Attendance, "American Academy of Forensic Sciences Annual Meeting," American Academy of Forensic Sciences, Orlando, FL, USA. (February 16, 2015 - February 21, 2015).

Workshop, "NIST Organization of Scientific Area Committee (OSAC) Meeting," National Institute of Standards & Technology, Norman, OK, USA. (January 20, 2015 - January 22, 2015).

Conference Attendance, "Techno Security and Digital Investigations Conference," The Training Co., Myrtle Beach, SC, USA. (June 1, 2014 - June 4, 2014).

Seminar, "2013 Cyber Safety Summit," St. Mary's Medical Center, Marshall University, FBI, Appalachian Institute of Digital Evidence, Huntington, WV, USA. (December 3, 2013).

Conference Attendance, "West Virginia Criminal Justice Educators Association Conference," WVCJEA, Huntington, WV, USA. (October 24, 2013).

Conference Attendance, "The Caribbean Conference on Business Forensics 2013," The Institute of Chartered Accountants of Trinidad & Tobago (ICATT), Port of Spain, Trinidad. (May 14, 2013 - May 15, 2013).

Conference Attendance, "Appalachian Institute of Digital Evidence (AIDE) Annual Conference," Appalachian Institute of Digital Evidence, Huntington, WV, USA. (April 15, 2013 - April 19, 2013).

Conference Attendance, "13th Annual West Virginia Sexual Assault Symposium," WV Foundation for Rape Information & Services, Roanoke, WV, USA. (April 11, 2013).

Continuing Education, "66th Annual American Academy of Forensic Sciences Conference," American Academy of Forensic Sciences, Washington, DC, USA. (February 18, 2013 - February 23, 2013).

Conference Attendance, "West Virginia Criminal Justice Educators Association Annual Conference," WVCJEA, Wheeling, WV, USA. (October 25, 2012 - October 26, 2012).

Conference Attendance, "The Evidence Conference," Digital Forensic Investigator News (DFI), Washington, DC, USA. (October 1, 2012 - October 2, 2012).

## EDITORIAL

Editorial Board Member. *Forensic Science International: Digital Investigation*. ISSN: 1742-2876

Editorial Board Member. *Journal of Forensic Sciences (JFS)*. ISSN:1556-4029

Editorial Board Member. *Journal of Forensic Sciences & Digital Investigation*. ISSN: 2637-7136

Editorial Board Member. *Journal of Forensic Studies*. Gavin Pub. ISSN: 2577-1523

Editorial Board Member. *Journal of Applied Digital Evidence (JADE)*. Marshall Digital Scholar.

## COURSES TAUGHT

CJ 200, Intro to Criminal Justice

CFS 261, Intro to Linux

CFS 400, Intro to Digital Evidence

CFS 448, Multimedia Forensics

CFS 462, Network Forensics  
CFS 467, Mobile Device Forensics  
CFS 490, Cyber Forensics Senior Project  
CFS 491- DFIA Capstone  
CFS 680, SpTp: Advanced Mobile Forensics  
FSC 605, Forensic Digital Imaging  
FSC 609, Network Forensics  
FSC 632, Foundations & Fundamentals of Digital Forensics  
FSC 634- Search & Seizure of Digital Evidence  
FSC 650- Mobile Phone Forensics  
FSC 676, Advanced Digital Evidence Detection & Recovery  
IST 150, Spreadsheet & Database Principles  
IST 264, Technology Foundations.  
IST 449, Data Recovery and Analysis

**DEPARTMENT  
SERVICE**

Graduate Director, Cyber Forensics & Security Graduate Program (October 1, 2022- present).  
Committee Chair, Faculty Search Committee 001652. (September 28, 2015 - July 13, 2016).  
Committee Member, Cyber Security Degree Planning Committee. (January 21, 2015 - May 2016).  
Committee Member, IST Functions Committee. (September 15, 2014 - May 2016).  
Committee Chair, Faculty Search Committee 12972. (November 2012 - April 2013).

**COLLEGE  
SERVICE**

Committee Chair, College of Science Curriculum Committee. (August 2018 - Present).  
Committee Member, College of Science Curriculum Committee. (May 2016 – August 2018).  
Committee Member, College of Science Faculty Raise Committee. (August 2014 - September 2014).

**UNIVERSITY  
SERVICE**

Faculty Advisor, Collegiate Cyber Defense Competition Student Team (CCDC). (August 2015 - Present).  
Member, Microcredential Steering Committee. (October 2022 – Present).  
Faculty Senator, College of Science Representative, Faculty Senate. (May 2016 – May 2021).  
Faculty Senate Liaison- University Curriculum Committee-UCC. (May 2016 – May 2021).  
Committee Member, University Curriculum Committee-UCC. (May 2016 – May 2021).

**PROFESSIONAL  
SERVICE**

Commissioner (Academician), Forensic Science Education Programs Accreditation Commission (FEPAC).  
(February 2021-Present).  
Executive Secretary, NIST OSAC Digital Evidence Subcommittee (December 2019 - Present).  
ASTM E30.12 Digital Multimedia Evidence Subcommittee (December 2018- Present).  
NIST OSAC Digital Evidence Subcommittee, Washington, DC. (December 2014 - Present).  
Program Committee Chair. American Academy of Forensic Sciences DMS Section. (2023-24).  
Nomination Nomination/Membership Committee Chair. American Academy of Forensic Sciences DMS  
Section. (2021-22).  
Nomination/Membership Committee Deputy Chair, American Academy of Forensic Sciences DMS  
Section. (2017-18).  
Program Committee Member, American Academy of Forensic Sciences DMS Section. (2013-2015).  
Task Force Member, West Virginia Cybercrimes Task Force, Huntington, WV. (2013 - Present).  
Grant Reviewer, National Institute of Justice Coverdell Forensic Science Improvement Grants,  
Washington, DC. (May 16, 2013 - June 21, 2013).  
Grant Reviewer, National Security Agency CLARK Curriculum Program, July-August, 2018