

CURRICULUM VITAE

PATRICK J. SIEWERT

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EDUCATION:

- May, 1999: Bachelor of Science, Criminal Justice, Virginia Commonwealth University
- Spring, 1999: Participated in extensive 250-hour internship with the Henrico County (Virginia) Division of Police which focused on exposure and familiarity of all aspects of law enforcement operations including patrol, investigations, emergency communications and specialized units.

EXPERIENCE:

- 2013-PRESENT Principal Consultant, Professional Digital Forensic (Pro Digital) Consulting, Richmond, Virginia
- 2014-PRESENT Adjunct Instructor, Crater Criminal Justice Training Academy, Petersburg, Virginia &
2016-PRESENT Adjunct Instructor, Advanced Law Enforcement Rapid Response Training (ALERRT) Group; Texas State University, San Marcos, TX
- 2013-2014 Sergeant, Thomas Nelson Community College Police Department, Hampton, Virginia
- 2002-2013 Deputy Sheriff, Louisa County Sheriff's Office, Louisa, Virginia:
- 2008-2013 Detective: Digital Forensics, Internet Crimes Against Children & Special Operations
 - 2005-2008 School Resource Officer/Supervisor (Corporal 2007-2008)
 - 2002-2005 Patrol Deputy
- 2000-2002 Police Officer, Virginia Commonwealth University Police Department, Richmond, Virginia

PROFESSIONAL INVESTIGATIVE & FORENSIC TRAINING:

- August, 2017: **Cellular Technology, Mapping & Analysis + Cell Hawk Training**, Hawk Analytics, Kansas City, KS
- 24 hours cumulative training in the architecture, technology and terminology of cellular networks and cellular service providers, how to properly interpret, analyze and map cellular records and testify in court. 8 hours of this course was specific to applying the knowledge and skills to effectively use the cellular analysis and mapping tool, Cell Hawk.
- May, 2017: **Cellebrite Certified Physical Analyst**, Richmond, Virginia
- 20-hour course of study focusing on in-depth analysis of data acquired from mobile devices utilizing Cellebrite Universal Forensic Extraction Device (UFED). Course topics included mobile technology, mobile memory storage, data carving/recovery and artifacts specific to Android and iOS (Apple) operating systems and devices. Certification obtained.
- May, 2017: **Cellebrite Certified Operator**, Richmond, Virginia
- 16-hour course of study in the proper handling and low-to-mid-level analysis of mobile devices (smart phones, tablets, GPS units) using Cellebrite Universal Forensic Extraction Device (UFED). Certification Obtained.
- August, 2016: **Public Agency Training Council – Tech (PATCTech), Cellular Records Review & Analysis**
- 10-hour web-based course of instruction on proper analysis of call detail and tower location records as provided by all five (5) cellular service providers in the United States. Course emphasized carrier-specific points of note, proper warrant/court order terminology, availability of particular records and appropriate interpretation of call detail records. Certificate Obtained.

PROFESSIONAL INVESTIGATIVE & FORENSIC TRAINING (Continued):

June, 2016: **Public Agency Training Council - Tech (PATCTech), Smartphone Forensics & Cellular Technology Certification Training (+SMART)**, Marietta, Georgia

35-hour course of study concentrating on smart phone device forensic data acquisition, analysis and reporting, utilizing various tools at different levels of analysis. Training also incorporated cellular technology, network-specific practices, call detail record & cell tower log analysis and map/location plotting of cellular devices in a holistic approach to mobile forensic investigations. +SMART certification obtained.

April, 2016: **International Association of Computer Investigative Specialists (IACIS) Mobile Device Forensics Training**, Orlando, Florida

- 37-hour vendor-neutral course of instruction detailing the different cellular/smart phone technologies, how mobile device phone data is stored, tool-specific applications, SQLite database structure & analysis and mobile device metadata. This course concentrated specifically on iOS (Apple) and Android device acquisition and analysis.

April, 2016: **X-Ways Integrated Computer Forensics Training**, Manassas, Virginia

- 32-hour vendor-sponsored course covering basic and intermediate use of the X-Ways Forensics computer forensic software. This course was taught by X-Ways Forensics developers and incorporated practical exercises testing the proper use of X-Ways Forensics on multiple types computer forensic image files.

September, 2015: **High Tech Crime Investigations Association (HTCIA) International Conference**, Orlando, Florida

- One-week international conference incorporating the worldwide community of digital forensics, high-tech investigation, information security and incident response. Course track included several sessions on mobile forensics and computer forensics.

March, 2015: **CISSP Certification Study Group**, Richmond, Virginia

- 30-hour course of study (over 10 weeks) to prepare the participant to take the Certified Information Systems Security Professional (CISSP) test. The course covered all 10 domains of the CISSP & was sponsored by the Central Virginia Information Systems Security Association (ISSA). Test was not attempted.

September, 2014: **Cell Phone Forensic Boot Camp (HTCIA)**, Arlington, Virginia

- Two-day training detailing the types of cellular and smart phone devices, how they store data, industry-standard tools used to recover mobile data, reporting and proper evidence handling.

July, 2014: **Lantern Certified Examiner (LCE)**, Boston, Massachusetts

- 36 hours of in-depth training & certification on the Lantern tool for digital forensic analysis of iPhones, Android devices, tablets and Mac computers. Certification obtained.

June, 2014: **Basic Private Investigator**, Richmond, Virginia

- Abbreviated basic Private Investigator certification as issued by the Virginia Department of Criminal Justice Services under the experienced law enforcement officer program. Recertification: June, 2016.

December, 2013: **Crime Scene Investigation Seminar**, Richmond, Virginia

- 24 hours of instruction on proper documentation of a crime scene as well as the various capabilities of forensic scientists who assist in examination of evidence, to include physical and digital evidence. Hosted by the University of Richmond

February, 2013: **Internet Crimes Against Children (ICAC) Ares – Roundup**, Forest, Virginia

- 24 hours of instruction on the differences between Gnutella and Ares peer-to-peer networks and how to effectively investigate and apprehend suspects using the Ares network to access child exploitation images

PROFESSIONAL INVESTIGATIVE & FORENSIC TRAINING (Continued):

October, 2012: *EnCase Certified Examiner Prep Course*, Sterling, Virginia

- 24 hours of intense review and practice with the EnCase Forensic software in preparation for the EnCase Certified Examiner written and practical examinations as administered by Guidance Software.

September, 2012: *National White Collar Crime Center iOS Device Forensics*, Richmond, Virginia

- 16 hours of instruction on the basics of Apple mobile (iOS) device forensic terminology and data storage as well as familiarity with open source analysis tools and vendor-specific tools such as "Lantern"

September, 2012: *EnCase Certified Examiner (Level 2)*, Online Course

- 60 hours of instruction detailing how to use EnCase Forensic to parse out data that may not be readily apparent to the untrained eye and how to effectively detail and report those findings for use by counsel or another outside interested party. Training given by Guidance Software

February, 2012: *U.S. Secret Service Basic Computer Evidence Recovery Training (BCERT)*, Hoover, Alabama

- 192 hours (5 weeks) of instruction on digital forensic basic and advanced procedures. This course, often referred to as "Computer Forensic Boot Camp" teaches the participant all aspects from basic data concepts and storage methods to more advanced forms of data recovery (or carving) and analysis, to include effective reporting and testimony in court.

July, 2011: *EnCase Certified Examiner (Level 1)*, Online Course

- 40 hours of instruction on basic digital forensic terminology, methodology and best practices and how to incorporate those topics into the use of the EnCase Forensic analysis software package, as given through Guidance Software

November, 2010: *Virginia CyberForensic Workshop*, Richmond, Virginia

- 24-hour workshop reviewing updated tools for use in law enforcement and digital forensic investigations, hosted by the Naval Criminal Investigative Service

May, 2010: *Internet Crimes Against Children (ICAC) National Conference*, Jacksonville, Florida

- 32-hour conference updating participants with current trends in child exploitation investigations, tools helpful for law enforcement during investigations and digital forensic updates.
 - Co-Presenter for online child solicitation case study "Joseph Okoh: Why the College Soccer Coach Should Have Stayed at Home and Offline"

March, 2010: *Seized Computer Evidence Recovery Specialist (SCERS)*, FLETC, Glynco, Georgia

- 72-hour course detailing how to use vendor-specific tools (EnCase & FTK) to acquire and analyze data seized as part of a criminal investigation. The course also detailed proper set-up and maintenance of forensic computers as well as reporting methods. Hosted by the U.S. Department of Homeland Security, Federal Law Enforcement Training Center.

January, 2010: *Cold Case Forensics*, Fairfax, Virginia

- 24-hour course given by Dr. Henry Lee, Forensic Scientist, Connecticut State Police on how to use forensics to help solve stale and cold case investigations and identify likely suspects using forensic science

October, 2009: *Virginia Gang Investigator's Association (VGIA) Conference*, Virginia Beach, Virginia

- 32-hour conference detailing current gang trends, investigative methods and case studies in gang investigations, sponsored by the Virginia Gang Investigator's Association

August, 2009: *Intermediate Data Recovery and Analysis (IDRA)*, Fairmont, West Virginia (NW3C)

- 40-hour course on more advanced data analysis methods, open source and vendor-specific tools for analyzing data, different ways to recover deleted or unallocated data and effective reporting tips.

PROFESSIONAL INVESTIGATIVE & FORENSIC TRAINING (Continued):

July, 2009: **Basic Data Recovery and Acquisition (BDRA)**, Fairmont, West Virginia (NW3C)

- 32-hour course detailing how data is stored, the various forms of digital media, metadata formats, file headers, file allocation, types of file systems and proper forensic acquisition of data from various media

June, 2009: **ImageScan Forensic Preview**, Bedford, Virginia

- 8 hours of instruction on how to properly set up and implement ImageScan Forensic Preview software

January, 2008: **Internet Crimes Against Children (ICAC) Undercover Operations**, Reston, Virginia

- 40-hour training describing how to conduct undercover investigations on the internet, tips and tricks law enforcement can use to their benefit and best practices that should be followed when conducting these investigations

October, 2008: **Supervising Counterdrug Operations**, Chesterfield County, Virginia

- 32 hours of instruction on how to effectively supervise and manage law enforcement operations in a task force and/or multi-jurisdictional environment, given by the National Counterdrug Intelligence Center

September, 2008: **Project Safe Childhood for Law Enforcement**, Roanoke, Virginia

- 40-hour conference on current trends, case studies and best practices for protecting children from predators, both online and in their normal routine

June, 2008: **Internet Crimes Against Children (ICAC) Peer Precision**, Lynchburg, Virginia

- 24-hour training on the proper procedures to identify & locate suspects trading in child exploitation images on the Gnutella peer-to-peer network, best practices when conducting these investigations and effective search warrant procedures

January, 2007: **Internet Safety Awareness**, Richmond, Virginia

- 8 hours of instruction to help educate children, families and the general public how to safely navigate the internet

May, 2007: **Internet Crimes Against Children (ICAC) Investigative Techniques**, King of Prussia, Pennsylvania

- 40-hour training detailing how to conduct effective, comprehensive investigations online using both open-source and law enforcement specific tools

March, 2006: **The Search Warrant Process**, Weyers Cave, Virginia

- 16 hours of instruction on how to properly gather evidence, compose proper search warrant affidavits, swear-out and execute search warrants

April, 2005: **Reid Technique of Interview & Interrogation (Advanced)**, Fredericksburg, Virginia

- 24 hours of instruction on the behavioral method of interview & interrogation, theme construction, overcoming challenges and human behavioral characteristics

October, 2003: **Techniques of Interview & Interrogation**, Weyers Cave, Virginia

- 16 hours of instruction on the basics of interview & interrogation including behavioral patterns and case studies

November, 2002: **Forensic Photography**, Division of Forensic Science Academy, Richmond, Virginia

- 40 hours of instruction on proper forensic photographic documentation of crime scenes and surrounding areas. Topics include lighting, types of film, digital photography, perspective, scale and documentation.

ADDITIONAL PROFESSIONAL TRAINING (Tactical & Enforcement):

◆ Tactical & Enforcement Related Training:

Feb., 2016	<i>National Rifle Association Basic Pistol Instructor</i> , Fredericksburg, Virginia
June, 2015	<i>Virginia DCJS Certified Firearms Instructor</i> , Petersburg, Virginia
Nov., 2014	<i>Advanced Law Enforcement Rapid Response Training Active Shooter Level 2 Instructor</i> , Hanover, VA
Sept., 2013	<i>NIMS/ICS 100, 200, 700, 800 – Federal Emergency Management Agency</i>
Nov., 2012	<i>Advanced Law Enforcement Rapid Response Training Exterior Response Instructor</i> , San Marcos, TX
October, 2011	<i>Advanced Law Enforcement Rapid Response Training Rural Operations (FORT)</i> , Lovington, Virginia
Nov., 2011	<i>Advance Law Enforcement Rapid Response Training Active Shooter Conference</i> , San Marcos, Texas
August, 2011	<i>Basic Tactical Officer (SWAT)</i> , Lynchburg, Virginia
May, 2011	<i>Advanced Law Enforcement Rapid Response Training Advanced Instructor</i> , Lynchburg, VA
Dec., 2010	<i>The Bullet Proof Mind</i> (Lt. Col. Dave Grossman), Charlottesville, Virginia
May, 2009	<i>Virginia State Police Narcotics Task Force Conference</i> , Virginia Beach, Virginia
Nov., 2008	<i>Virginia Law Enforcement General Instructor Development</i> , Weyers Cave, Virginia
August, 2007	<i>Advanced Law Enforcement Rapid Response Training Active Shooter Level 1 Instructor</i> , Lynchburg, Virginia
Sept., 2006	<i>Introduction to Supervision</i> , Fredericksburg, Virginia
March, 2006	<i>Advanced Domestic Violence Training</i> , Henrico County, Virginia
April, 2005	<i>D.A.R.E Officer Basic Training</i> , Virginia Beach, Virginia
Feb., 2005	<i>School Resource Officer Basic Training</i> , Virginia Beach, Virginia
October, 2004	<i>Advanced Patrol Tactics</i> , Hanover County, Virginia
March, 2003	<i>Uniformed Officer's Drug Interdiction Workshop</i> , Fredericksburg, Virginia
April, 2002	<i>International Police Mountain Bike Association Police Cyclist Course</i> , Richmond, Virginia
March, 2002	<i>Virginia Department of A. B. C. - Alcohol Law Enforcement Specialist</i> , Charlottesville, Virginia
Dec., 2001	<i>The Bulletproof Mind Seminar</i> , Virginia Beach, Virginia
Sept., 2001	<i>Virginia Division of Forensic Science, Breath Alcohol Operator Course</i> , Richmond, Virginia
March, 2000	<i>Calibre Press Street Survival Seminar</i> , Arlington, Virginia

CERTIFICATIONS:

- Cellebrite Certified Physical Analyst (CCPA, 2017-Present)
- Cellebrite Certified Operator (CCO, 2017-Present)
- +SMART Smartphone & Cellular Technology Certification (2016-Present)
- National Rifle Association Basic Pistol Instructor (2016-Present)
- Virginia Department of Criminal Justice Services Law Enforcement Firearms Instructor (2015-Present)
- Lantern Certified Examiner - Katana Forensics (2014-Present)
- Advanced Law Enforcement Rapid Response Training Active Shooter Level 2 Instructor (2014-Present)
- Advanced Law Enforcement Rapid Response Training Exterior Response to Active Shooter Events Instructor (2012-Present)
- Virginia Department of Criminal Justice Services General Instructor – Law Enforcement (2009-Present)
- Advanced Law Enforcement Rapid Response Training Active Shooter Level 1 Instructor (2007-Present)

GRANTS:

- January, 2014: Co-Authored (with K. McCann) proposal for Thomas Nelson Community College Police Department as part of a grant program through the Virginia Office of the Attorney General to help increase inter-agency communications through additional equipment implementation. Total grant award: \$266,000.
- July, 2013: Principal Investigator who wrote the proposal for required equipment in conducting Active Shooter Preparedness Training. Granting body was the Virginia Department of Criminal Justice Services, Byrne Grant for Justice Assistance Total grant award: \$35,000.
- July, 2012: Principal Investigator and author who wrote the proposal to the granting body, the Virginia Department of Criminal Justice Services Internet Crimes Against Children (ICAC) Grant fund, to extend 12-month period for salary, overtime and benefits for one full-time child exploitation Investigator. Total grant award: \$75,000.
- January, 2011: Principal Investigator and author for the Virginia Department of Criminal Justice Services, Internet Crimes Against Children Grant fund for initial 18-month period for salary, overtime & benefits for one full-time child exploitation Investigator. Total grant award: \$111,000.

PROFESSIONAL AWARDS & RECOGNITION:

- March, 2016: Nominated for Digital Forensic Blog of the Year by Forensic 4:Cast
- May, 2011: Richmond, Virginia Chapter of the Society of the Sons of the American Revolution Law Enforcement Commendation Medal
- March, 2011: Virginia Society of the Sons of the American Revolution Meritorious Award for Law Enforcement
- January, 2011: Louisa County, Virginia Crime Solvers Law Enforcement Officer of the Year
- September, 2007: American Legion Post #116 Law Enforcement Commendation Medal (Officer of the Year)
- March, 2004: Jefferson Area Mothers Against Drunk Driving (MADD) Award for most Driving Under the Influence arrests in Louisa County for 2003
- March, 2003: Jefferson Area Mothers Against Drunk Driving (MADD) Award for most Driving Under the Influence arrests in Louisa County for 2002

PROFESSIONAL ASSOCIATIONS:

- Member, International Association of Computer Investigative Specialists (IACIS)
- Member, High-Tech Crime Investigator's Association (HTCIA)
- Member, American Society of Digital Forensics and eDiscovery (ASDFED)
- Member, Information Systems Security Association (ISSA) – Central Virginia Chapter
- Member, Private Investigator's Association of Virginia (PIAVA)
- Member, National Rifle Association (NRA)
- Member, International Law Enforcement Educators & Trainers Association (ILEETA)
- Member, National Association of Legal Investigators (NALI)

PROFESSIONAL SERVICE:

- January, 2016 – Present: **Serves on Board of Directors** for the Private Investigator’s Association of Virginia
- December, 2015 – Present: Serves as Legislative Advisory Team Member for the Private Investigator’s Association of Virginia
- September, 2015: **Served as Volunteer** on the Marketing Committee for the High Tech Crimes Investigation Association (HTCIA) 2015 International Conference in Orlando, Florida
- January – November, 2015: Served as Senior Advisor for the Campaign to Elect Mike Silberman for Sheriff of Louisa County, Virginia
- July, 2014: Served as Assessor for “*Operation: Spider Mayhem*”, University of Richmond full-scale Active Shooter Response Drill
- January, 2013 - April, 2013: **Served as Advisor to Virginia State Senator Thomas Garrett** upon his appointment to the Virginia Governor’s School & Campus Safety Task Force

PROFESSIONAL SERVICE (Continued):

- 2011-2013: **Participated in multidisciplinary pilot program** to incorporate best practices in child sex abuse investigations in coordination with law enforcement, social services and prosecutors which led to legislation being enacted in the Virginia General Assembly.
- 2008-2012: Served as sole Investigative member of **Project Child Safety Initiative (C.S.I.) Louisa**, focusing on investigation and prosecution of suspected child predators in Central Virginia and across the region
- 2007-2011: Served as Coordinator for Louisa County Sheriff’s Office Honor Guard Unit
- 2007-2013: Implemented and Managed Active Shooter Response Training Program, Louisa County Sheriff’s Office

EXPERT WITNESS DESIGNATIONS:

- Computer/Digital Forensics Generally:
 - January, 2017: Louisa County, Virginia Circuit Court (criminal trial)
 - November, 2016: Chesterfield County, Virginia Circuit Court (civil trial)
 - November, 2016: Fairfax County, Virginia Circuit Court (criminal trial)
 - June, 2016: City of Colonial Heights, Virginia Circuit Court (criminal hearing)
 - May, 2016: Montgomery County, Maryland Circuit Court (criminal trial)
 - August, 2015: Chesterfield County, Virginia Circuit Court (civil trial)
 - June & July, 2015: Westmoreland County, Virginia Circuit Court (criminal hearing & trial)
 - April, 2015: Rockingham County, Virginia Circuit Court (criminal hearing)
 - October, 2012: Nelson County, Virginia Circuit Court (criminal hearing)
- Mobile Device Forensics:
 - April, 2016: City of Petersburg, Virginia Circuit Court (criminal hearing)
 - December, 2015: Henrico County, Virginia Circuit Court (criminal trial)
 - November, 2015: Hanover County, Virginia Circuit Court (civil trial)
- Internet-based Undercover Investigations (ICAC):
 - November, 2016: Fairfax County, Virginia Circuit Court (criminal trial)
 - March, 2016: Fairfax County, Virginia Circuit Court (criminal trial)
 - November, 2012: Virginia Court of Appeals (criminal appeal)
- Cellular Call Detail Record Analysis & Mapping
 - January, 2017: Fairfax County, Virginia Circuit Court (criminal hearing)

PUBLISHED ARTICLES:

- July 5, 2017: *Personal Injury & Insurance Fraud Investigations: Get the Mobile Device!* : <https://prodigital4n6.com/personal-injury-insurance-fraud-investigation-get-mobile-device/>
- May 15, 2017: *Case Study: Call Detail Records Analysis in Civil Domestic Litigation:* <https://prodigital4n6.com/case-study-call-detail-records-analysis-civil-domestic-litigation/>
- April 5, 2017: *Cellular Provider Record Retention Periods:* <http://prodigital4n6.blogspot.com/2017/04/cellular-provider-record-retention.html>
 - Re-published by *Forensic Focus*, April 18, 2017: <https://articles.forensicfocus.com/2017/04/18/cellular-provider-record-retention-periods/>
- March 14, 2017: *Digital Forensic Discussion: So You Fired An Associate:* <http://prodigital4n6.blogspot.com/2017/03/digital-forensic-discussion-so-you.html>
- January 13, 2017: *Mobile Forensics Monkey Wrench: iOS 10.2 and Encryption:* <http://prodigital4n6.blogspot.com/2017/01/mobile-forensic-monkey-wrench-ios-102.html>
 - Re-published by *Forensic Focus*, January 18, 2017: <https://articles.forensicfocus.com/2017/01/18/mobile-forensics-monkey-wrench-ios-10-2-and-encryption/>
- January 2, 2017: *Conducting an Electronic Investigation: A Case Study in Virginia Politics:* <http://prodigital4n6.blogspot.com/2017/01/conducting-electronic-investigation.html>
- December 14, 2016: *Analysis vs. Translation:* <http://prodigital4n6.blogspot.com/2016/12/analysis-vs-translation.html>
- November 21, 2016: *Problem Solving Digital Forensics:* <http://prodigital4n6.blogspot.com/2016/11/problem-solving-digital-forensics.html>
- October 24, 2016: *Electronically Stored Information (ESI) in High Profile Cases:* <http://prodigital4n6.blogspot.com/2016/10/electronically-stored-information-esi.html>
- September 12, 2016: *Digital Evidence in Distracted Driving Cases: Text Messages & Beyond:* <http://prodigital4n6.blogspot.com/2016/09/digital-evidence-in-distracted-driving.html>
- August 16, 2016: *Sooner Rather Than Later... Please!:* <http://prodigital4n6.blogspot.com/2016/08/sooner-rather-than-later-please.html>
- July 17, 2016: *The Digital Forensic Answer: It Depends:* <http://prodigital4n6.blogspot.com/2016/07/the-digital-forensic-answer-it-depends.html>
- June 16, 2016: *Holistic Mobile & Cellular Investigations:* <http://prodigital4n6.blogspot.com/2016/06/holistic-mobile-cellular-investigations.html>
- May 13, 2016: *Don't Forget the Victim (and Their Device!):* <http://prodigital4n6.blogspot.com/2016/05/dont-forget-victim-and-their-device.html>
- April 15, 2016: *Training Review: X-Ways Forensics:* <http://prodigital4n6.blogspot.com/2016/04/training-review-x-ways-forensics.html>
- March 7, 2016: *Apple vs. the F.B.I: Some Forensic Implications:* <http://prodigital4n6.blogspot.com/2016/03/v-behaviorurldefaultvmlo.html>
- February 20, 2016: *Clash of the Titans: Apple vs. The U.S. Government:* <http://prodigital4n6.blogspot.com/2016/02/clash-of-titans-apple-vs-us-government.html>
- January 23, 2016: *Customer Service in Digital Forensics:* <http://prodigital4n6.blogspot.com/2016/01/customer-service-in-digital-forensics.html>
- December 17, 2015: *Neutrality in Digital Forensics:* <http://prodigital4n6.blogspot.com/2015/12/neutrality-in-digital-forensics.html>
- December 2, 2015: *The Value of Expert Witness-Attorney Relationships:* <http://prodigital4n6.blogspot.com/2015/12/the-value-of-expert-witness-attorney.html>

PUBLISHED ARTICLES (Continued):

- November 18, 2015: *Sometimes, The Data Isn't There (anymore)*: <http://prodigital4n6.blogspot.com/2015/11/sometimes-data-isnt-there-anymore.html>
- November 9, 2015: *Pro Digital: Investigative Solutions*: <http://prodigital4n6.blogspot.com/2015/11/pro-digital-investigative-solutions.html>
- October 13, 2015: *What Social Media Activity Tells a Trained Forensic Examiner*: <http://prodigital4n6.blogspot.com/2015/10/what-social-media-activity-tells.html>
- October 2, 2015: *Five Tips for Effective Technical Warrant-Writing*: <http://prodigital4n6.blogspot.com/2015/10/five-tips-for-effective-technical.html>
- September 17, 2015: *How Wireless Telecom Companies are Engineering us into Bad Infosec Practices* (Guest Blog for eForensics Mag) : <https://eforensicsmag.com/wireless/>
- September 15, 2015: *The Four Factors of Mobile Forensics*: <http://prodigital4n6.blogspot.com/2015/09/the-four-factors-of-mobile-forensics.html>
- September 7, 2015: *How Digital Forensics Can Help: Divorce & Child Custody Cases*: <http://prodigital4n6.blogspot.com/2015/09/how-digital-forensics-can-help-divorce.html>
- August 29, 2015: *How Digital Forensics Can Help: Intellectual Property Theft Cases*: <http://prodigital4n6.blogspot.com/2015/08/how-digital-forensics-can-help.html>
- August 17, 2015: *Keep Windows 10 Off Your Forensic Machine (for now)*: <http://prodigital4n6.blogspot.com/2015/08/keep-windows-10-off-your-forensic.html>
- July 29, 2015: *How Digital Forensics Can Help: Personal Injury Cases*: <http://prodigital4n6.blogspot.com/2015/07/how-digital-forensics-can-help-personal.html>
- July 22, 2015: *Why You Should Never Use Peer-to-Peer File Sharing Networks*: <http://prodigital4n6.blogspot.com/2015/07/never-use-p2p.html>
- July 16, 2015: *Auditing Social Media Contacts*: <http://prodigital4n6.blogspot.com/2015/07/auditing-social-media-contacts.html>
- July 2, 2015: *Digital Device Seizure Tips for Private Practice Attorneys & Legal Staff*: <http://prodigital4n6.blogspot.com/2015/07/device-seizure-tips-for-private.html>
- June 20, 2015: *The Relevance of Metadata*: <http://prodigital4n6.blogspot.com/2015/06/metadata.html>
- June 12, 2015: *The Art of Estimation in Digital Forensic Cases*: <http://prodigital4n6.blogspot.com/2015/06/the-art-of-estimate.html>
- May 30, 2015: *Pro Digital: Year One*: <http://prodigital4n6.blogspot.com/2015/05/pro-digital-year-one.html>
- May 21, 2015: *The Inconvenience of Infosec in the Digital Age*: <http://prodigital4n6.blogspot.com/2015/05/the-inconvenience-of-infosec.html>
- May 14, 2015: *Pro Digital Frequently Asked Questions*: <http://prodigital4n6.blogspot.com/2015/05/pro-digital-frequently-asked-questions.html>
- April 29, 2015: *5 Reasons Why You Need a Digital Forensic Examiner*: <http://prodigital4n6.blogspot.com/2015/04/5-reasons-why-you-need-digital-forensic.html>
- April 23, 2015: *Probable Cause: As Good as it Gets*: <http://prodigital4n6.blogspot.com/2015/04/probable-cause-as-good-as-it-gets.html>
- April 16, 2015: *Digital Forensics vs. Data Extraction*: <http://prodigital4n6.blogspot.com/2015/04/digital-forensics-vs-data-extraction.html>
 - Re-published by *The Forensic 4:Cast*: <https://forensic4cast.com/2015/07/digital-forensics-vs-data-extraction/>

PUBLISHED ARTICLES (Continued):

- April 2, 2015: *Cyberdust Claims of Privacy Debunked*: <http://prodigital4n6.blogspot.com/2015/04/cyber-dust-privacy-claims-debunked.html>
- March 27, 2015: *Tenacity & Objectivity: The Double-Edged Sword of Digital Forensics*: <http://prodigital4n6.blogspot.com/2015/03/tenacity-objectivity-double-edged-sword.html>
- March 21, 2015: *Why I'm Not Sitting for the CISSP Exam (for now)*: <http://prodigital4n6.blogspot.com/2015/03/why-im-not-sitting-for-cissp-exam-for.html>
- March 11, 2015: *Ethical Sensitive Data Handling*: <http://prodigital4n6.blogspot.com/2015/03/ethical-sensitive-data-handling.html>
- March 6, 2015: *Digital Forensics for Private & Corporate Investigators*: <http://prodigital4n6.blogspot.com/2015/03/digital-forensics-for-private-corporate.html>
- February 27, 2015: *Selecting A Competent Digital Forensic Examiner*: <http://prodigital4n6.blogspot.com/2015/02/selecting-competent-digital-forensic.html>
- February 20, 2015: *Digital Forensics & Mental Health*, <http://prodigital4n6.blogspot.com/2015/02/digital-forensics-mental-trauma.html>
- February 13, 2015: *Ego & Forensics: A Caustic Combination*, <http://prodigital4n6.blogspot.com/2015/02/ego-forensics-caustic-combination.html>
- February 9, 2015: *A Glimpse Into NCFI*, <http://prodigital4n6.blogspot.com/2015/02/a-glimpse-into-ncfi.html>
- January 30, 2015: *Read This Before You Use the IP Box*, <http://prodigital4n6.blogspot.com/2015/01/read-this-before-you-use-ip-box.html>
- January 30, 2015: *Video Blog: Live Demo of Lantern by Katana Forensics*, <http://youtu.be/GVAPs8VK3WY>
- January 22, 2015: *Case Study: Commonwealth v. Emanuele*, <http://ProDigital4n6.blogspot.com/2015/01/case-study-commonwealth-v-emanuele.html>
- January 14, 2015: *Searching for Artifacts in Private Messaging App: Cyber Dust*, <http://ProDigital4n6.blogspot.com/2015/01/searching-for-artifacts-in-private.html>
- January 12, 2015: *Is Digital Forensics Primarily an I.T., Infosec or Legal Services Practice?*, <http://ProDigital4n6.blogspot.com/2015/01/is-digital-forensics-primarily-it.html>
- January 6, 2015: *Digital Forensic & Information Security Considerations re: Police Body Cams*, <http://ProDigital4n6.blogspot.com/2015/01/digital-forensic-information-security.html>
- December 23, 2014: *Pro Digital: Helping Parents Help Kids*, http://ProDigital4n6.blogspot.com/2015/01/pro-digital-helping-parents-help-kids_2.html
- December 12, 2014: *Facebook is Failing*, <http://ProDigital4n6.blogspot.com/2015/01/why-facebook-is-failing-at-social-media.html>
- November 24, 2014: *Potato Chip Bags & False Promises*, <http://prodigital4n6.blogspot.com/2015/01/potato-chip-bags-and-false-promises.html>
- November 11, 2014: *Adventures in Digital Forensics*, <http://ProDigital4n6.blogspot.com/2015/01/adventures-in-digital-forensics.html>
- October 30, 2014: *You Get What You Pay For*, <http://ProDigital4n6.blogspot.com/2015/01/you-get-what-you-pay-for.html>
- October 15, 2014: *Problem vs. Solution: Digital Forensics and the New Mobile Privacy Policies*, <http://ProDigital4n6.blogspot.com/2015/01/problem-vs-solution-digital-forensics.html>
- October 8, 2014: *Video Blog: Cellebrite UFED Demo (Locked Android Device)*, <http://ProDigital4n6.blogspot.com>
- September 25, 2014: *Certification vs. Experience*, http://ProDigital4n6.blogspot.com/2015/01/normal-0-false-false-false-en-us-x-none_41.html

PUBLISHED ARTICLES (Continued):

- August 20, 2014: *LE or IT? That is the Question...*, <http://ProDigital4n6.blogspot.com/2015/01/le-or-it-that-is-question.html>
- July 23, 2014: *Digital Forensics: A Great HR Resource!*, <http://InspiringHR.com/blog> (Guest Blogger)
- July 15, 2014: *Confidentiality as an Imperative in Digital Forensics*, http://ProDigital4n6.blogspot.com/2015/01/normal-0-false-false-false-en-us-x-none_43.html
- July 2, 2014: *Myth-Busting Digital Forensics*, <http://ProDigital4n6.blogspot.com/2015/01/myth-busting-digital-forensics.html>
- June 26, 2014: *eDiscovery: Digital Forensics' Simpler Cousin*, <http://ProDigital4n6.blogspot.com/2015/01/ediscovery-digital-forensics-simpler.html>
- June 24, 2014: *Lois Lerner and Her Bad Sectors*, http://ProDigital4n6.blogspot.com/2015/01/normal-0-false-false-false-en-us-x-none_2.html
- June 19, 2014: *What is the Forensic Methodology?*, <http://ProDigital4n6.blogspot.com/2015/01/what-is-forensic-methodology.html>
- June 11, 2014: *What is Digital Forensics?*, <http://ProDigital4n6.blogspot.com/2015/01/normal-0-false-false-false-en-us-x-none.html>

PRESENTATIONS:

- September, 2016: The Power of Call Detail Records, Private Investigator's Association of Virginia (PIAVA)
- May, 2016: Digital Forensics: Footprints in the Data, International Institute of Business Analysts (Central VA Chapter)
- May, 2016: Digital Forensics & Evidence Handling Overview, Private Investigator's Association of Virginia (PIAVA) Spring, 2016 Investigator's Seminar
- April, 2016: Digital Evidence Handling & Forensic Overview, International Association of Forensic Nurses, Virginia Chapter
- June, 2015: Electronic Evidence Handling & Digital Forensic Overview, Private Investigator's Association of Virginia (PIAVA) June, 2015 Meeting, Fairfax, Virginia
- June, 2015: Digital Crime Scenes & Incident Response, RVA Sec Conference, Virginia Commonwealth University
- June, 2014: Overview and discussion of digital forensics and roles of a Digital Forensic Consultant, Powhatan Rotary Club
- February, 2013: Practical Digital Forensics for Legal Practitioners, College of William & Mary Law School
- December, 2012: Case Studies in Sexual Predators, J. Sargeant Reynolds Community College
 - Presented initially in December, 2011 and again in May, 2012 & December 2014
- May, 2010: Co-Presenter at 2010 **Internet Crimes Against Children National Conference**, *Case Study: Joseph Okoh*

EDUCATIONAL PROGRAMS ADMINISTERED:

- 2016-Present: Basic Defensive Handgun (New American Arms)
- 2015-Present: New Investigator Training (Crater Criminal Justice Training Academy)
- 2014-Present: Advanced Law Enforcement Rapid Response Training Exterior Response to Active Shooter Events (ERASE), Crater Criminal Justice Training Academy & various US-based locations
- 2007-Present: Advanced Law Enforcement Rapid Response Training: Active Shooter Response, Level 1 (multiple locations)
- 2014-Present: Virginia Department of Criminal Justice Services Law Enforcement In-Service Training (Crater Criminal Justice Training Academy)
- 2005-2013: Internet Safety Awareness for Parents of Teens & Tweens (Multiple Locations)

MEDIA CONTRIBUTIONS:

- May 15, 2017: *Local security expert weighs in on worldwide cyber attack*, WRIC ABC Channel 8, Richmond, Virginia
 - <http://wric.com/2017/05/15/local-security-experts-weighs-in-on-worldwide-cyber-attack/>
- July 12, 2016: *Is Pokemon GO a Huge Security Risk*, WRIC ABC Channel 8, Richmond, Virginia
 - <http://wric.com/2016/07/12/is-pokemon-go-a-huge-security-risk/>
- July 5, 2016: *Forensicator Podcast No. 103: Magnet Forensics' Axiom*
 - <https://soundcloud.com/pro-digital-forensics/forensicator-no-103-magnet-axiom>
- June 23, 2016: *Police release video of suspected Forest Hill spray paint vandals*, WTVR CBS 6, Richmond, Virginia
 - <http://wtvr.com/2016/06/23/police-release-video-of-forest-hill-spray-paint-vandals/>
- March 31, 2016: *Android devices yield their secrets to the feds more readily than iPhones*, Yahoo! Finance News (internet-based)
 - <http://finance.yahoo.com/news/android-iphone-hacking-government-feds-191914688.html#>
- March 2, 2016: *How the government cracks into smartphones--without any help from Apple (or Google)*, Yahoo! Finance News (internet-based)
 - <https://beta.finance.yahoo.com/news/the-government-can-crack-many-smartphones-without-apple-s--or-google-s--help-183818348.html>
- February 4, 2016: *13 News Now Investigates: Who's Watching You?*, ABC Channel 13, Norfolk, Virginia
 - <http://www.13newsnow.com/story/news/local/13news-now-investigates/2016/02/04/13news-now-investigates-whos-watching-you/79634568/>
- December 10, 2015: *New App Most Parents Don't Know About Targets Students*, CBS Channel 6, Richmond, Virginia
 - <http://wtvr.com/2015/12/10/new-app-most-parents-dont-know-about-targets-students/>
- December 2, 2015: *More women come forward over mystery pic texts*, CBS Channel 6, Richmond, Virginia
 - <http://wtvr.com/2015/12/02/more-mystery-penis-texts-victims-come-forward/>
- November 16, 2015: *ISIS Threatens DC, What is Being Done to Protect Virginia?*
 - <http://wtvr.com/2015/11/16/virginia-governor-appears-to-stay-on-track-to-accept-refugees-orders-homeland-security-chief-to-communicate-with-feds/>
- September 24, 2015: *8 News Investigates: Who's Watching Your Home?*, ABC Channel 8, Richmond, Virginia
 - <http://wric.com/2015/09/24/8news-investigates-whos-watching-your-home/>
- August 18, 2015: *E-Z Pass Users Targeted in Email Scam*, ABC Channel 13, Norfolk, Virginia
 - <http://www.13newsnow.com/story/news/2015/08/18/e-z-pass-toll-road-users-targeted--email-scam/31904973/>
- July 7, 2015: *The Dangers of Using Kik Messaging App*, CBS Channel 6, Richmond, Virginia
 - <http://wtvr.com/2015/07/07/it-is-really-a-dangerous-thing-police-chief-says-of-kik-messenger-app/>
- May 6, 2015: *Forensicator Podcast #101: Katana Forensics* Forensicator Podcast
 - <https://soundcloud.com/pro-digital-forensics/forensicator-no-101-katana-forensics>
- April 9, 2015: *Forensicator Podcast #100: Dr. Glenn Dardick*. Forensicator Podcast
 - <https://soundcloud.com/pro-digital-forensics/forensicator-no-100-glenn-dardick>
- April 24, 2015: *Be aware: Skimmer could be stealing your financial info in Chesterfield*, ABC Channel 8, Richmond, Virginia:
 - <http://wric.com/2015/04/24/be-aware-skimmer-could-be-stealing-your-financial-info-in-chesterfield/>
- April 24, 2015: *Crooks Target Chesterfield ATM with skimming device*, NBC Channel 12, Richmond, Virginia:
 - <http://www.nbc12.com/story/28893709/crooks-target-chesterfield-atm-with-skimming-device>
- March 12, 2015: *Kik Messenger App: Bad News for Parents*, CBS Channel 6, Richmond, Virginia:
 - <http://wtvr.com/2015/03/12/kik-messenger-app-bad-news-for-parents/>
- February 25, 2015: *Unlocking the Hidden Dangers on Your Teen's Cell Phone*, CBS Channel 6, Richmond, Virginia:
 - <http://wtvr.com/2015/02/25/unlocking-the-hidden-dangers-on-your-teens-cellphone/>
- 2014: *Chesterfield Man Arrested on Child Porn Charges*, CBS Channel 6, Richmond, Virginia
 - <http://wtvr.com/2014/12/30/chesterfield-man-arrested-on-multiple-child-porn-charges/>
- 2014: *New Service Allows Parents To Monitor Children's Tech Devices*, ABC Channel 8, Richmond, Virginia
 - <http://wric.com/2014/12/18/new-service-allows-parents-to-monitor-childrens-tech-devices/>
- 2014: *VCU Health Systems Warns Patients After CDs Containing Personal Info Released*, ABC Channel 8, Richmond, Virginia
 - <http://wric.com/2014/12/16/vcu-health-systems-warns-patients-after-cds-containing-personal-info-released/>

MEDIA CONTRIBUTIONS (Continued):

- 2014: *On Your Side Alert: Security concerns about online software issued by law enforcement*, NBC Channel 12, Richmond, Virginia
 - <http://www.nbc12.com/story/27386851/on-your-side-alert-security-concerns-about-online-software-issued-by-law-enforcement>
- 2014: *Security Cameras Playing a Key Role in Graham Search*, ABC Channel 8, Richmond, Virginia
 - <http://www.wric.com/story/26571480/security-cameras-playing-key-role-in-hannah-graham-search>
- 2014: *Tips to Protect Your Identity Following Recent Hacks*, ABC Channel 8, Richmond, Virginia
 - <http://www.wric.com/story/26511707/tips-for-protecting-your-identity-following-recent-hacks>
- 2014: *12 On Your Side Alert: Debt Collection Emails*, NBC Channel 12, Richmond, Virginia
 - <http://www.nbc12.com/story/26384004/on-your-side-alert-warning-about-collection-email>
- 2014: *Virginia Court of Appeals upholds Louisa Conviction*, The Central Virginian, Louisa, Virginia
 - <http://www.thecentralvirginian.com/?p=11889>
- 2013: *Nelson Man Pleads Guilty to 23 Counts of Child Pornography*, NBC Channel 29, Charlottesville, Virginia
 - <http://www.nbc29.com/story/20959514/nelson-county-man-pleads-guilty-to-23-count-of-child-pornography>
- 2013: *Louisa Man, 36, Gets 115 Years in Prison*, The Free-Lance Star online, Fredericksburg, Virginia
 - <http://news.fredericksburg.com/newsdesk/2013/11/07/louisa-man-36-gets-115-years-in-prison/>
- 2012: *Man sentenced to five years for soliciting minor online*, The Free-Lance Star online, Fredericksburg, Virginia
 - <http://news.fredericksburg.com/newsdesk/2012/11/26/man-sentenced-to-five-years-for-soliciting-minor-online/>
- 2012: *Former Intelligence Analyst to Serve 30 in Prison*, NBC Channel 29, Charlottesville, Virginia
 - <http://www.nbc29.com/story/19512724/former-intelligence-analyst-to-serve-30-years-in-prison>
- 2012: *Louisa Sex Offender Headed Back to Jail*, The Free-Lance Star online, Fredericksburg, Virginia
 - <http://fredericksburg.com/News/FLS/2012/122012/12042012/740893>
- 2012: *Richmond Man Sentenced to 35 Years Imprisonment for Child Molestation, Distribution of Child Pornography*, Virginia officer of the Attorney General, Richmond, Virginia
- 2012: *Teacher Arrested for Sexual Solicitation Worked for Miss WV Program*, NBC Affiliate WHAG, West Virginia
 - http://www.your4state.com/story/teacher-arrested-for-sexual-solicitation-worked-for-miss-wv-program/d/story/jkqW_8BY10u58QMldfjFmw
- 2012: *Gordonsville Man Sentenced on Child Porn Charges*, NBC Channel 29, Charlottesville, Virginia
 - <http://www.nbc29.com/story/16446232/gordonsville-man-sentenced-on-child-porn-charges>
- 2012: *Cumberland Man Gets 30 Years for Producing Child Porn*, ABC Channel 8, Richmond, Virginia
 - <http://wtvr.com/2012/01/12/cumberland-man-gets-30-years-for-producing-child-porn-2/>
- 2012: *Charlottesville Man Convicted of Soliciting a Minor for Sex on Craigslist*, NBC Channel 29, Charlottesville, Virginia
 - <http://www.nbc29.com/story/15696116/charlottesville-man-convicted-of-soliciting-a-minor-for-sex-on-craigslist>
- 2011: *Joint Task Force Targeting Sexual Predators Leads to Multiple Arrests*, NBC Channel 29, Charlottesville, Virginia
 - <http://www.nbc29.com/story/14378496/joint-task-force-targeting-sexual-predators-leads-to-multiple-arrests>
- 2011: *Man Pleads Guilty to Child Porn, Must Pay Victims*, The Free-Lance Star online, Fredericksburg, Virginia
 - <http://news.fredericksburg.com/louisa/2011/09/16/man-pleads-guilty-to-child-porn-must-pay-victims/>
- 2011: *Windsor (Canada) Man Sentenced to 100 Year for Luring in U.S.*, CTV (Canadian Television) Online, Windsor, Canada
 - <http://kitchener.ctvnews.ca/windsor-man-sentenced-to-110-years-for-luring-in-u-s-1.652065>
- 2011: *Shaffer Sentenced for Sexually Assaulting Toddler and Possessing Child Porn*, NBC Channel 29, Charlottesville, Virginia
 - <http://www.nbc29.com/story/14187801/shaffer-sentenced-for>
- 2010: *Former Minister Gets 90-year Sentence in Sex Sting*, ABC Channel 8, Richmond, Virginia
 - <http://www.wric.com/story/13020410/former-minister-gets-90-year-sentence-in-sex-sting>
- 2010: *Va. Man Gets 100 Years for Soliciting Sex from Minor Online*, The Washington Post, Washington, D.C.
 - <http://voices.washingtonpost.com/crime-scene/virginia/va-man-gets-100-years-for-soli.html>

MEDIA CONTRIBUTIONS (Continued):

- 2010: *A Closer Look at Gangs in Louisa County*, NBC Channel 12 (via WTOC), Richmond, Virginia
 - <http://www.wtoc.com/story/12835655/a-closer-look-at-gangs-in-louisa-county>
- 2010: *Sandston Man Convicted in Underage-sex Sting*. The Richmond Times-Dispatch, Richmond, Virginia
 - http://www.timesdispatch.com/news/sandston-man-convicted-in-louisa-underage-sex-sting/article_24995d03-2abb-57cf-b09c-5b8f072d25b7.html?mode=jqm
- 2010: *Richmond Man Convicted in Louisa for Soliciting Minor*, The Richmond Times Dispatch, Richmond, Virginia
 - http://www.timesdispatch.com/news/richmond-man-convicted-in-louisa-for-soliciting-minor/article_3895591c-f3f6-55de-b84d-8232dc267755.html
- 2010: *Louisa C.S.I. - Child Safety Initiative (two-part story)*, ABC Channel 8, Richmond, Virginia
 - Part 1: <https://www.youtube.com/watch?v=vOuo8NxzBX4>
 - Part 2: <https://www.youtube.com/watch?v=T-28j42rbwA>
- 2009: *Former Howard (University) Soccer Coach Sentenced*, Newsplex.com, Charlottesville, Virginia
 - <http://www.newsplex.com/home/headlines/41328477.html>

LANDMARK CASES INVESTIGATED:

- 2012: Commonwealth v. James Dollins: 95-year guilty plea, highest in Virginia court history for solicitation of child pornography
- 2012: Commonwealth v. Adam D. Toghil: Conviction of Electronic Solicitation of a Minor **conviction upheld by the Supreme Court of Virginia** (Decision: February, 2015)
- 2011: Commonwealth v. Ryan Macklin: First case in Virginia court history where restitution was ordered to be paid to victims of child exploitation
- 2011: Commonwealth v. Alan Sauve: 110-year guilty plea, highest in Virginia court history for solicitation of a minor for sex
- 2010: Commonwealth v. George Spiker: 100-year jury sentence. Highest jury sentence for electronic solicitation of a minor in Virginia court history
- 2010: Commonwealth v. Irvin Baldwin: 90-year jury sentence. Second-highest jury sentence for electronic solicitation of a minor in Virginia court history
- 2009: Commonwealth v. Joseph Okoh: 14-year jury sentence. Highest jury sentence for electronic solicitation of a minor in Virginia court history at the time of conviction

CASES UPHELD IN HIGHER COURTS OF COMPETENT JURISDICTION:

- **Adam Derrick Toghil v. COMMONWEALTH of Virginia**: Record No. 140414, Decided: February 26, 2015, Supreme Court of Virginia, Richmond
 - Case Reference: <http://law.justia.com/cases/virginia/supreme-court/2015/140414.html>
- **Adam Derrick Toghil v. COMMONWEALTH of Virginia**: Record No. 2230-12-2, Decided: February 11, 2014, Court of Appeals of Virginia, Richmond
 - Case Reference: <https://www.courtlistener.com/vactapp/eAE8/adam-derrick-toghil-v-commonwealth-of-virginia/>
- **George H. Spiker, Jr. v. COMMONWEALTH of Virginia**: Record No. 0626-10-2, Decided: July 5, 2011, Court of Appeals of Virginia, Richmond.
 - Case Reference: <http://caselaw.findlaw.com/va-court-of-appeals/1573357.html#sthash.rdIR7qQ1.dpuf>