

Curriculum Vitae – Doug Carner DABRE, CPP, CCFE, CHS

Audio – Video Forensic Analyst

Criminal and civil audio-video-image clarification, enhancement and authentication expert, innovator and educator. I have processed evidence in over a thousand cases, millions of dollars in favorable verdicts, and for court cases worldwide. My work is responsible for discrediting junk science.

Board Certifications & Positions

Audio, Video & Photo Analysis expert (Los Angeles Superior Court Panel of Experts - ICDA)
Certified Computer Forensics Examiner (Information Assurance Certification Review Board)
Certified in Homeland Security (American Board for Certification in Homeland Security)
Certified Protection Professional (American Society for Industrial Security)
Digital and Multimedia Evidence subcommittee (American Society for Testing and Materials)
Executive Board and Video committee (American Board of Recorded Evidence)
Forensic Group member (American Society for Photogrammetry and Remote Sensing)

On-line Positions

Owner: "Forensic - Audio Video Innovations and Solutions" (6,000+ members, LinkedIn id#2461639)
Manager: "Law Enforcement Professionals..." (15,000+ members, LinkedIn group id#44211)
Manager: "Electronic Discovery Professionals" (9,000+ members, LinkedIn group id# 60739)

Membership

Scientific Association of Forensic Examiners, Audio Engineering Society, International Public Safety Association, Forensic Expert Witness Association (served on 2016 Los Angeles Executive Board), International Association for Identification (National sustaining member. California State Division member and served on 2015-2016 CSDIAI Science & Practices committee)

Certified Training (partial list)

Evidence recovery, video capture enhancements, image analysis and enhancement, noise reduction, Photogrammetry, Fourier transformation, de-interlacing, color deconvolution, enhancing latent prints, Photoshop forensics, analytical comparisons, computer & network forensics, and court admissibility.

Manufacturer Training (partial list)

American Dynamics, ArcVision, Bosch, Dedicated Micros, Genetec, Panasonic, Pelco, TYCO, Verint

Innovations (partial list)

VideoCleaner forensic video enhancement and authentication software (lead programmer)
Video Error Level Analysis video tamper detection and RGBamplifier motion detection filters/methods
Invented several security cameras, "Pay-at-the-gate" kiosk, and a wireless alarm (patent#6400267)

Development Contributor

Forensic (ver 8 and 10) – DiamondCut.com (Forensic audio enhancement & authentication software)
Blurity – Blurity.com (Forensic blind deconvolution image focus-motion corrective software)

Recent Testimony & Depositions (8/13 Testimony for Defense, 12/13 Depositions for Plaintiff)

- 06/21/17 Deron Holmes v. County of Orange (16-CV-00867-JLS) - Ronald Reagan Federal Building and U.S. Courthouse - civil - video clarification - Deposition – Plaintiff
- 05/22/17 Vallejo v. Santa Ana Unified School District (30-2015-00823864) - Orange County Superior Court, Santa Ana - civil - video clarification - Deposition – Plaintiff
- 02/13/17 Wendi Oppenheimer v. The City of La Habra et al. (8:16-cv-00018-JVS-DFM) - Circuit Court Santa Ana, CA - civil - video authenticity - Deposition - Plaintiff
- 01/26/17 Zeichick v. Garnica (BF056476) - Los Angeles Superior Family court - civil - video authentication - Testimony - Defense
- 08/22/16 Steven Johnson vs. Stephen Davidson and City of Independence (1416-CV26731) - Circuit Court of Jackson county, MO - civil - video clarification - Deposition - Defense
- 07/05/16 Opsitnick v City of Long Beach (2:14-CV-09370-PLA) - US Central District civil - video clarification - Deposition - Plaintiff
- 06/27/16 Zambroro et al v Drobot et al (BC566142) - Los Angeles County Superior civil - audio clarification - Deposition - Plaintiff
- 04/28/16 Wanda Katz v. CVS Pharmacy (56-2013-00440158) - Ventura County Superior civil - video clarification - Testimony - Plaintiff (03/25/16 Deposition)
- 10/07/15 Troy Williams v. Ralphs, et al. (BC495977) - Los Angeles County Superior civil - video clarification - Deposition - Plaintiff
- 05/08/15 Llamas v Twelve Sixteen (39-2013-00305497-CO-PO-STK) - San Joaquin County Superior civil - video clarification - Deposition - Plaintiff
- 04/03/15 Handgis v. Waterfront Hotel (30-2013-00645003-CU-PO-CJC) - Orange County Superior civil - video clarification - Deposition - Plaintiff
- 03/23/15 Nevada v. Julian Acox (CR13-0446) - Washoe County Superior criminal - video clarification - Testimony - Defense
- 11/17/14 Wendy Banderas v AMR (CIVDS1211607) - San Bernardino County Superior civil - video tamper analysis - 402 hearing - Plaintiff
- 11/10/14 Chapman v CDN Logistics (S-1500-CV-2752580 SPC) - Kern County Superior civil - video tamper analysis - Testimony - Plaintiff
- 09/09/14 P. v Kyle McCleary (GA088459) - Los Angeles Superior criminal - video clarification - Testimony - Defense
- 06/13/14 Eric Koff v Trek Bicycle Corp (30-2012 00602533) - Orange County Superior civil - image enhancement - Testimony - Plaintiff
- 05/28/14 Sanchez v. County of Los Angeles (CV13-03836) - Los Angeles Superior civil - image/video clarification - Deposition - Plaintiff
- 02/27/14 P. v David Soto (VA130222-02) - Los Angeles Superior criminal - video route reconstruction - Testimony - Defense
- 11/14/13 P. v Sevak Demirjian (LA071817-01) - Los Angeles Superior criminal - video clarification - Testimony with 402 hearing - Defense
- 10/18/13 A.K.H v City of Tustin (SACV 12-01547 JST) - Costa Mesa, CA civil - image enhancement - Deposition - Plaintiff
- 10/11/13 Jerry Newmaker v City of Fortuna (C-12-4675-PJH) - Ventura, CA civil - video rebuttal witness - Deposition - Plaintiff
- 08/14/13 P. v David Morrow - Brighton (2011 CR001901) - Colorado Superior criminal - video tamper analysis - Testimony - Defense
- 07/19/13 P. v. Jayson Ponce (BA396403) - Los Angeles Superior criminal - video clarification - Testimony - Defense
- 03/21/13 Dependency Court in the Matter of JT, minor (BF039110) - Los Angeles Superior civil - image authentication – Testimony - Family
- 01/30/13 Sharkoff v. Fletcher Jones Motorcars (BC462105) - Los Angeles Superior civil - video tamper analysis - Testimony - Defense

Background

Current: President of Forensic Protection, Inc. (5632 Van Nuys Blvd, Dept #600, Van Nuys, CA)
6 Years at several system integrators. CCTV, audio and security design and deployment
10 Years at QuikStor (Van Nuys, CA). Lead engineer and VP Sales & Marketing
5 Years at Deltrex (Los Angeles, CA). Owner. Custom multimedia, software and electronics
Bachelor of Science, University of California, Davis (Phi Beta Kappa) 1989

Clients

Caseload demographics are approximately 40% plaintiff and 60% defense. My client list includes:
Law firms (Wicker Smith, Shouse, etc), corporations (Kroger, Disney, RiteAid, etc), law enforcement (DA, Police, Sheriff, CHP, etc), defense (private attorneys, Federal Defender, Public Defense, innocence project, etc), major corporations, governments, and other enhancement companies.

Published Writings (partial list)

- 08/08/2016 The California Identification Digest –
“Image, Video, And Audio Enhancement Software Available For The Forensic Analyst”
- 02/14/2015 The Champion – “Evidence Forensics - Exposing tampered recordings”
- 05/26/2014 Forensic Focus Magazine – “Considering A Career in Audio-Video Forensics?”
- 12/10/2013 eForensics Magazine – “How to extract clear facts from bad video”
- 08/01/2013 eForensics Magazine – “Detect and prevent file tampering in multimedia files”
- 01/07/2013 The Litigators Companion – “Don't Let Distorted Media Ruin Your Case”
- 05/29/2012 The Jury Expert - American Society of Trial Consultants –
“Turning an Expert Witness into a Great Witness”
- 04/13/2012 Homeland Security News Wire – “The technology behind the Zimmerman arrest video”
- 02/01/2012 Exhibit One – “Video deblur”
- 06/01/2011 Security Dealer (Securityinfowatch) – “Improving surveillance with video enhancement”
- 10/06/2010 California Association of Licensed Investigators – Journal Article –
“Forensic Enhancement – Increase safety, expose the truth, reduce costs and prove your case”

Lecturer – Forensic (partial list)

- 07/29/2016 Scientific Association of Forensic Examiners – Webinar
" The expert witness – Ethics, preparation and challenges"
- 05/05/2016 California State Division, International Association for Identification – Annual Conference
"Video Retrieval and Capture" & "Solving Cases with Video Enhancement"
- 08/07/2015 Digital Forensic Summit – Annual Conference (3 lectures)
Forensic Video Enhancement Panel - "Forensic Filters" (functionality, usage, settings and sequence)
Forensic Video Authenticity Panel - "Using light, shadows and compression artifacts to detect tampering"
"Meta-Data Recovery Audio/Video" (Validate & authenticate through metadata examination)
- 05/08/2014 American College of Forensic Examiners Institute – Annual Executive Summit
“The Science and Open-Source Innovations of Video Enhancement and Analysis”
- 10/07/2013 International Conference on Forensic Research & Technology – Workshop chair
Keynote speaker – “Audio-Video-Image Forensics: Turning Science Fiction into Science Reality”
- 05/01/2013 California State Division, International Association for Identification (repeat on 05/02/13)
“Audio And Video Forensics-Clarification vs Enhancement”
- 05/08/2012 California State Division, International Association for Identification – “Converting bad recordings into clear evidence: The science behind audio, video, image enhancements and authentication”

Lecturer – Legal (partial list)

- 06/25/2016 CAPA: Annual Conference – “The expert witness - Ethics, preparation and challenges”
- 05/20/2016 NACDL: Forensic Science & the Law – “Digital Evidence: Spoliation & Tampering”
- 03/04/2016 California Department of Corrections and Rehabilitation
“Incident to Resolution Video Handling-Enhancement-Legalities”
- 02/10/2016 Orange County Paralegal Association – “The Expert Witness - Ethics, Preparation and Challenges”
- 10/15/2015 Association for Legal Professionals – “Winning cases with digital forensics”
- 10/01/2015 San Gabriel Valley Legal Secretaries – “Winning cases with digital forensics”
- 05/17/2014 National Association of Criminal Defense Lawyers: annual forensic science conference
“Forensics for the Defense: 20 Ways to Win Using Enhancement and Authentication Science”
- 05/07/2014 Consumer Attorneys Association of Los Angeles
“Winning Your Case in the Digital Age with the Use of Enhanced Forensic Evidence”
- 04/05/2013 National Association of Criminal Defense Lawyers: annual forensic science conference
“Audio-Video Enhancement, Detecting Altered Files, and Excluding Media Experts and Exhibits”
- 06/09/2011 California Public Defenders Association – “Winning your case with audio and video enhancement”

Lecturer – Investigative (partial list)

- 04/27/2016 CPCA police Webinar – “VideoCleaner: Solve Crimes with a FREE Video Processing App”
- 03/30/2016 Phoenix Police Department – “VideoCleaner: Forensic Video Enhancement Software training”
- 02/18/2016 Training session (hosted by Private Investigators of California - Los Angeles
“Digital forensics - Video enhancement and stabilization” (VideoCleaner free open-source software)
- 06/17/2015 ASIS-40 (repeat of ASIS-130 on 4/9/15) – “Evidence Forensics - Exposing tampered recordings”
- 11/08/2014 Private Investigators of California – “Audio & Video Enhancement”
- 06/12/2014 ASIS-130 (American Society for Industrial Security) – “Video Enhancement Capabilities, Tools and Secrets”
- 02/05/2014 LAPD (Valley Bureau) All Commanding Officers meeting
- 09/25/2013 Private Investigators of California – “Investigative Forensics: Turning science fiction into reality”
- 02/08/2012 LAPD (Valley Bureau) All Commanding Officers meeting
- 05/26/2011 California Association of Licensed Investigators – Central Coast District Meeting

Media (partial list)

- 07/24/2017 PEOPLE (print magazine) – “Has Amelia Earhart’s Disappearance Been Solved?”
- 07/18/2017 San Francisco Chronicle – “Many BART trains equipped with cameras with '70s technology”
- 07/09/2017 History (Television Channel) – “Amelia Earhart: The Lost Evidence”
- 07/05/2017 People Magazine – “Does This Photo Prove Amelia Earhart Survived Her Final Flight?”
- 10/28/2016 Crime Watch Daily with Chris Hansen – Shelby Thornburgh murder
- 01/22/2016 CBS News – “Boyle Heights Church Donations Stolen From 80-Year-Old Parishioner”
- 07/16/2015 PI's Declassified – VoiceAmerica radio – “Exposing tampered recordings and video enhancement”
- 06/20/2015 Crime and Science Radio – “My Lying Eyes: Tampered Evidence and Industry Secrets”
- 02/10/2014 Security Guy Radio (Adrenaline radio) – “CSI Audio, video & images enhancement”
- 04/02/2012 KFI am 640 radio interview (George Zimmerman case)
- 04/02/2012 ABC News blog – “Video Forensic Expert Who Cleaned up George Zimmerman Video”
- 04/02/2012 Nightline, Good Morning America, and worldwide rebroadcast –
“George Zimmerman Video Shows Little Evidence of a Broken Nose”
- 11/03/2011 Expert on the Dr. Phil Television show – “Affairs, Lies and Audiotape”
- 03/21/2011 CBS News (Mathew Clark) – “New Video Unveiled In Alleged Police Beating Of Grad Students”