

CURRICULUM VITAE

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Certified
Cyber
Forensics
Professional

CSOXP

Certified SOX Professional



Seminars Presented

- 03 Mar 2020** [Electronic Evidence Collection Gone Wrong](#) (Nat'l Business Institute CLE)
- 28 Sep 2018** [Divorce: Gathering Evidence from Electronic Devices](#) (Nat'l Business Institute CLE)
- 17 May 2018** [Closing the Gap: Information Security and Legal](#) (Secure 360 2017 conference)
- 13 Mar 2018** [Data Breach Year in Review](#) (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code 254800)
- 26 Jan 2018** Control Frameworks and Standards for Regulatory Compliance (Midwest Legal Conference on Privacy and Data Security, CLE event code 251367)
- 17 Jan 2018** Latest Developments in Cell Site Localization in Criminal Cases (Minnesota Judicial Center, CLE event code 252222)
- 13 Sep 2017** Electronic Spying and Tracking Spouses in Divorce Cases: What's Legal in the Digital World? (Strafford Pub. CLE)
- 16 May 2017** [Legal Update: Commercial Use of Drones](#) (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code 239863)
- 15 May 2017** [Closing the Gap: Information Security and Legal](#) (Secure 360 2017 conference)
- 14 Sep 2016** Protecting Your Client's Data: Ethical Obligations and Practical Tips (Minnesota Paralegal Ass'n)
- 07 Sep 2016** [Electronic Spying and Tracking Spouses in Divorce Cases: What's Legal in the Digital World?](#) (Strafford Pub. CLE)
- 16 May 2016** Closing the Gap: Information Security and Legal (Secure 360 2016 conference)
- 08 Oct 2015** Protecting Your Client's Data: Ethical Obligations and Practical Tips (Minnesota Paralegal Ass'n)
- 09 Sep 2015** [2015 Annual Data Breach Year in Review](#) (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code 209478)
- 14 May 2015** [Retaliatory Hacking: Risky Business or Legitimate Corporate Security?](#) (SecureGov 2015, Washington, D.C.)
- 13 May 2015** ["Hack Back or Active Defense?"](#) (Secure360 2015 conference)
- 24 Mar 2015** [Protecting Your Client's Data: Ethical Obligations and Practical Tips](#) (Minnesota CLE Family Law Institute 2015 (CLE event code 200855))
- 03 Mar 2015** [Electronic Spying and Tracking Spouses in Divorce Cases: What's Legal in the Digital World?](#) (Strafford Pub. CLE)

Seminars / lectures Presented (cont.)

- 13 Jan 2015** [The NIST Cyber Security Framework: Implications for Your Clients](#) (Minnesota State Bar Ass'n Computer & Technology Section, CLE event code 200390)
- 06 Jan 2015** [Retaliatory Hacking \(a/k/a active defense and "hack back"\)](#), Winter 2015 Mid Pacific ICT Educator Conference, San Francisco
- 20 Aug 2014** [Electronic Spying and Tracking Spouses in Divorce Cases: What's Legal in the Digital World?](#) (Strafford Pub. CLE)
- 14 May 2014** ["Hack Back or Active Defense?"](#) (Secure360 conference)
- 01 May 2014:** ["Hack Back": Legitimate Corporate Security or Risky Business?](#) (U.S. Cyber Crime Conference)
- 06 Feb 2014** (ISC)²® CFCPSM CBK[®] Training Preview (*LegalTech New York*)
- 12 Nov 2013** ["Hacking Back": Legitimate Corporate Security or Risky Business?](#) (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code 185249)
- 04 Oct 2013** [eDiscovery Conference & Symposium](#) (William Mitchell School of Law)
- 18 Jun 2013** Minnesota e-Discovery Working Group presentation (2013 Minnesota State Bar Ass'n Annual Convention, Duluth, MN)
- 20 Dec 2012** *"Employee-owned Devices in the workplace: Legal & Technological Risks"* (Ramsey County Bar Ass'n)
- 28 Jun 2012** ["Employee-owned Devices in the workplace: Legal & Technological Risks"](#) (Ramsey County Bar Ass'n)
- 13 Mar 2012** *"Trends in Employee-owned Devices in the workplace: Legal & Technological Risks"* (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code #165766)
- 08 Nov 2011** *"Corporate and Individual Liabilities of Releasing Vulnerable Code,"* (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code #161305)
- 27 Sep 2011** *The Legal and Financial Consequences of Releasing Vulnerable Software* (Minneapolis Fortify User Group Conference)
- 19 May 2011** *Digital Forensics Goes Mobile: Evidence You Need to Win* (MinnCLE & CLE West)
- 10 May 2011** *"The 'End of Digital Forensics' or a Just a New Chapter?"* (Minnesota State Bar Ass'n Computer & Technology Law Section, CLE event code #155941)
- 10 May 2011** *Computer Forensics Goes Mobile* (Ramsey County Bar Association CLE)
- Winter, 2010** *Regulatory Compliance in the Software Development Lifecycle* (Twin Cities Rational[®] Users Group Conference)
- Spring 2010** *Computer Forensics for the Litigator* (Hamline Law School)
- Spring, 2010** *LexisNexis[®] CaseMap[®] Case Intake for Paralegals* (Hamline Law School)
- 15-16 Oct 2009** panelist, [Consumer Perspectives on Alternative Legal Services](#), hosted by HALT

Articles / Commentary

- Privacy Law Primer (chapter co-authored with Ellie K Vilendrer, Esq., Business Law Deskbook 2021 ed., Minnesota Practice, Thomson Reuters)
- *Why the Equifax Breach Could be the Tipping Point* (Thomson Reuters Westlaw[®] November, 2017)
- Minnesota State Bar Ass'n Computer & Technology Law Section blog (since 2007), <http://mntech.typepad.com>
- *A sale, a breach, a wave of class actions*, The Daily Journal (San Francisco & Los Angeles legal publication), October 6, 2016
- *What Lawyers Need to Know About Cyber Insurance* (33 The Computer & Internet Lawyer 2, Feb., 2016)
- [Cyber Insurance: What Minnesota Lawyers Need to Know](#) (Minnesota Bench & Bar, Nov. 06, 2015)
- [Secrets to Effective Electronic Documents in the Appellate Process](#), GPSolo (American Bar Ass'n, Oct., 2015)
- [Cyber Security Active Defense: Playing with Fire or Sound Risk Management?](#) 20 Rich. J.L. & Tech 12 (2014)

Articles / Commentary (cont.)

- “*Professional Ethics for the Digital Forensics Discipline*” Digital Forensic Investigator News ([Part 1](#), Winter/Spring, 2014; [Part 2](#), summer, 2014)
- [Official \(ISC\)²® Guide to the Cyberforensics Certified Professional \(CFCP\) CBK®](#) (Code of Ethics chapter - July, 2014)
- [Using Technology to Facilitate Production of E-Discovery](#), 40 Wlm. Mitchell L. Rev. 588 (2014)
- [“Hacking Back”: Legitimate Corporate Security or Risky Business?](#) THE CIP REPORT, George Mason Univ. Center for Infrastructure Protection & Homeland Security (October, 2013)
- [“Incorporating Extrinsic Evidence into the Digital Forensics Investigation,”](#) Digital Forensic Investigator News (Winter/Spring, 2013)
- [“Data Encryption in Criminal Cases”](#) Forensic Focus Newsletter (April, 2012)
- Interview: Nancy Crotti, “*Cloud Control: Feeling at ease with online files,*” Minn. Lawyer, 03/2012
- [Collaborating with a Digital Forensics Expert: Ultimate Tag Team or Disastrous Duo,](#) [38 Wlm. Mitchell L. Rev. 353](#) (Jan., 2012)
- [“AccessData FTK 4.0: Initial Impressions”](#) ForensicFocus.com (March 12, 2012).
- “*Is your client an attorney? Be aware of possible constraints on your investigation.*” Forensic Focus Newsletter (“[Part 1](#),” Sept. 29, 2011; “[Part 2](#),” Nov. 29, 2011).

Certifications and Licenses

- **Certified Information Privacy Professional** (CIPP/US, N⁰ 0002582791, since 2017)
- **Microsoft® Certified Professional + Internet** (“MCP + I” N⁰ 977426, since 1998)
- **Microsoft® Certified Systems Engineer** (“MCSE” since 1999)
- **Certified Information Systems Security Professional** (“CISSP” N⁰ 335034, since 2009)
- **Certified Sarbanes-Oxley Professional** (“CSOXP” N⁰ 00185, since 2008)
- **Computer | Hacking Forensic Investigator** (“CHFI” N⁰ ECC930566, since 2009)
- **Certified Cyber Forensics Professional** (“CCFP” N⁰ 335034, since 2013, retired (not expired) 2020)
- **Licensed by the Texas Private Security Bureau** (N⁰ A13731, since 2012)
- **State Bar of California** (No. 301974, since 2014)
- **State Bar of Wisconsin** (No. 1083734, since 2015)

Professional Affiliations

- **Minnesota State Bar Association Computer & Technology Law Section** (council member and Chair of the legislative and caselaw subcommittees) (2009 – 2019)
- **International Association of Privacy Professionals (IAPP)** (2017-present)
- **Fellow, National Cybersecurity Institute** (2015-2020)
- **Investigator, Office of Lawyers Professional Responsibility, 4th District Ethics Committee** (serving Hennepin County, Minnesota)
- **Volunteer attorney, Minnesota Immigration Law Center** (2015-16)
- **BITS / Financial Services Roundtable** (Vice Chair - cyber legislative working group, 2014-15)
- **Financial Services Sector Coordinating Council** (task lead, Cross Sector Regulatory & Policy Alignment, 2015)
- **Financial Services Information Sharing and Analysis Center (FS-ISAC)**
- **U.S. Chamber of Commerce, Cyber Security Working Group**
- **California, Minnesota, and Wisconsin state bar associations (attorney and associate member)**
- **Computer Forensics Advisory Committee, Century College (MNSCU)**
- **Infragard (sponsored by Federal Bureau of Investigation)**
- **2d Vice President, MN chapter, High Technology Crime Investigation Association** (2011)

Professional Experience

Senior Cybersecurity Advisor | [Medical Device Company](#) | 08/2017 – present

- ▶ Providing cybersecurity expertise for secure software development lifecycle for medical devices, including response to regulators, secure coding, key management, language in instructions for use (IFU), preparation for FDA submissions, BIS export compliance, development of cybersecurity risk management methodologies (standard operating procedures, work instructions), threat modeling, and vulnerability management, among other things.
- ▶ Facilitating and delivering cybersecurity training to medical device R&D teams
- ▶ Providing updates and analysis concerning cybersecurity developments affecting the medical device industry, especially legislative and regulatory

Policy Advisor | [Allina Health \(through Rob't Half, Int'l\)](#) | 08/2015 – 06/2017

- ▶ Drafted or revised information security policies, standards, processes, and procedures in conformity with HITRUST, ISO 27000/27001, COBIT 5, NIST Cybersecurity Framework, and other frameworks or best practices, and provided subject matter expertise for planning and implementation of the same (*e.g.*, network segmentation, workstation security, server security, medical device security, encryption, remote access, incident management, indexing and production of documents evidencing implementation of the HIPAA Security Rule, among others).
- ▶ Provided subject matter expertise for GRC tools selection, information security risk assessment and risk metrics reporting program, HIPAA “Meaningful Use,” and improvement for compliance with the HIPAA Security Rule and HIPAA Privacy Rule
- ▶ Provided subject matter expertise for information security language in service provider and business associates contracts and in revising the company’s merger and acquisition standards.
- ▶ Developed the company’s Information Security Incident Response Standard and Process.
- ▶ Drafted and moderated cybersecurity tabletop exercises for the Executive Leadership Team

Digital Forensics Examiner | [Attorney Client Privilege, LLC](#) • [St. Paul, MN](#) | 10/2005 – present

- ▶ Providing legal IT, digital and audio forensics analysis and consulting, electronic discovery support, trial strategy and expert witness services to almost exclusively to attorneys and law firm clients
- ▶ Providing information security policy development and vendor auditing for financial services sector (GLBA, FFIEC, PCI) and health care services sector (HIPAA, HITRUST CSF)
- ▶ Edited and contributed to white papers of the Minnesota Ediscovery Working Group (2012-13)
- ▶ Providing continuing legal education (CLE)
- ▶ Experienced with Cellebrite, Magnet Forensics Axiom, CaseSoft products, AccessData Forensic Toolkit (FTK), WinHex, UNIX-based utilities, Worldox DMS, and various other third-party litigation support, presentation, and data recovery tools.

Adjunct Professor of Law, Cybersecurity Law | [Concord Law School](#) | 06/2017 – 04/2020

- ▶ Updating and delivering course content of the “cyber law” and “virtual law practice” courses

Chair, Privacy and Data Security Practice | Pasky Gruber, LLC | 04/2015 – 05/2017

- ▶ Providing counsel to the financial services and telecom sectors on cyber security, cross-sector collaboration, shared assessments (SOC2), critical infrastructure protection, cyber resilience, and regulatory compliance, cyber intelligence sharing, and public-private partnerships.
- ▶ Providing cyber security and regulatory compliance counsel for start-ups and small & medium-sized businesses, including, among other things, cloud security contract review, vendor risk assessments, information security policies, cyber insurance guidance, and incident preparedness.

Vendor Risk Consultant | Optum/United Health (through Modis, Inc.) | 06/2015 – 08/2015

- ▶ Assisted in developing shared assessment leveraging HITRUST to comprehensively evaluate vendors' and third parties' information security programs, vulnerabilities and exposures, and compliance with HIPAA.
- ▶ Interviewed and selected candidates for on-site vendor risk assessments.

U.S. Bank • Richfield, MN | 01/2003 – 04/2015

Cybersecurity Partnerships Manager | 03/2014 – 04/2015

- ▶ Coordinate the Bank's contributions and participation with industry trade groups to promote sector-specific information sharing, cybersecurity legislation, critical infrastructure protection (CIP) policies, among others.
- ▶ Present to the joint trade associations on cyber law topics, including the Computer Fraud & Abuse Act, recent trend in litigation over data breaches, *etc.*
- ▶ Participate in trade association working groups on high-visibility projects, such as new top level domains security standards, malicious malware recovery, SOC2 audit standards, insider threat, law firm security audit standards, NIST Cybersecurity Framework, and collaboration with telecom, retail, and energy sectors.
- ▶ Analyze and propose redline to proposed legislation, including information sharing, FISMA, data breach, *etc.*
- ▶ Develop security and innovation concepts and security policies for new financial top level domains ("fTLD")
- ▶ Conduct research and analysis and issue findings and recommendations concerning financial sector policy and response to contemporary issues affecting cyber security, including Net Neutrality, collaboration with ISPs, officers and directors duties and liabilities, cross-sector regulatory and policy alignment, *inter alia*
- ▶ Contribute to the development of private-to-Government information exchange of cyber security intelligence
- ▶ Contribute to development or amendments of enterprise information security policies

Information Security Risk Assessment Team Lead | 12-2011 – 03/2014

- ▶ Identify non-compliant applications and systems through the risk assessment process, and assist the PCI remediation team, working in concert with Qualified Security Assessors (QSA), toward remediation (implementation of controls and reduction of the risk)
- ▶ Assess and assign weight information security risk arising from penetration testing reports, DLP scanning, incident responses, fraud alerts, and intelligence, and pursuant to various industry and regulatory frameworks, including, but not limited to ISO 27000-series, PCI DSS, GLBA, OCC, COBIT 5, and FFIEC (2012)
- ▶ Communicate information security risks (vulnerabilities, threats, potential regulatory or operational impact) to business lines and technical owners
- ▶ Evangelize the risk management process and raise information security awareness amongst development teams and Operations. Provide executives with metrics and trend analysis reporting
- ▶ Designed and implement a process to track remediation efforts.
- ▶ Analyze and contribute to proposed cyber security legislation (*e.g.*, the Cyber Intelligence Sharing and Protection Act (CISPA), Computer Fraud and Abuse Act (CFAA)) as contributing member of the BITS ("Financial Services Roundtable") legislative and regulatory working groups, Financial Services Sector Coordinating Council (FSSCC), the U.S. Chamber of Commerce, and the Financial Services Information Sharing and Analysis Center (FS-ISAC)

Software Build Release Engineer | 01/2003 – 12/2011

- ▶ Implemented and automated application security (Fortify) and Sonar (static code quality analysis) as part of the build/release process (2009-2011)
- ▶ Designed and implemented centralized, automated enterprise build & deployment process (Build Forge, Marimba, PERL, CGI and ANT) for building for J2EE & .NET applications within a Rational Unified Process (RUP) and ClearCase UCM environment. (2003-2011)
- ▶ Contributed to implementation of Capability Maturity Model (CMM®) processes and Sarbanes-Oxley internal and external audit and compliance (2003-2011).
- ▶ Drafted and implemented enterprise access control protocols for the staging of third party software and internally developed software (2004-2005).

Adjunct Faculty | [Century College \(MNSCU\)](#) • [White Bear Lake, MN](#) | 2008 - Present

- ▶ Develop and teach digital forensics curricula (since 2013)
- ▶ Served on the advisory board for the erstwhile Investigative Sciences and Law Enforcement Technology (ISLET), made possible by a grant from the National Science Foundation
- ▶ Served on the Computer Forensics Advisory Board (since 2008)
- ▶ Provide teaching assistance for *Computer Investigative Law for Forensic Analyst*
- ▶ Support NSF grant applications

Instructor | [\(ISC\)²](#) | 12/2013 – 06-2015

- ▶ Develop and teach digital forensics curricula
- ▶ Wrote chapter in official course book

Build Release Engineer (contract) | [Fidelity Investments](#) • [Merrimack, NH](#) | 06/2002 – 09/2002

Build Release Engineer / UNIX Administrator | [MKS](#) • [Burlington, MA](#) | 06/2001 – 02/2002

Build Release Engineer (contract) | [EMC](#) • [Hopkinton, MA](#) | 01/2001 – 05/2001

Web Applications Developer | [Sabre Systems, Inc.](#) • [Denver, CO](#) | 08/2000 – 01/2001

Web Applications Technician | [Requisite Software](#) • [Broomfield, CO](#) | 01/2000 – 03/2000

Systems Management Analyst | [IBM](#) • [Boulder, CO](#) | 05/1999 – 01/2000

Technical Support Analyst | [IBM](#) • [Boulder, CO](#) | 03/1997 – 05-1999

Additional Professional Experience or Detail Available Upon Request

Education / Military

- **Taft Law School (Santa Ana, CA)**, juris doctorate, 2013, with honors
- **Century College (White Bear Lake, MN)**, 2010, Certificate in computer forensics
- **Bethel University (St. Paul, MN)**: 2007-08 / general studies
- **William Mitchell College of Law (via MetroState University, St. Paul, MN)**: summer 2008
- **US Army - Presidio of Monteréy, CA** 1990 / Selected to participate in Arabic-Egyptian program at the Defense Language Institute. Basic Training completed at Ft. Leonard Wood, MO
- **Texas A&M - College Station, TX** 1988-89 / Corps of Cadets (Army ROTC) / Sul Ross scholarship

Casework & Testimonies

- 2021 — *Dereen v. Anderson*, No. 20-cv-508, U.S. District Court for the Western District of Wisconsin (extraction of Facebook “download”)
- 2021 — *Birdsall Obear & Associates* (mobile device extraction)
- 2021 — *Minor Doe 601 v. Harvest Best Academy, et al.*, Hennepin County District Court No. 27-cv-20-9039 (mobile device extraction)
- 2021 — *State v. Davis*, 10th Judicial District, 82-CR-21-505 (extraction of mobile device), Office of the Minnesota Public Defender
- 2021 — *Rose v. Kohls and Premier OBGYN*, Hennepin County District Court, No. 27-cv-18-19570 (medical malpractice, review of predecessor forensic examiner’s report and consulting regarding provenance and authenticity of video evidence)
- 2021 — *State v. Timblin*, Circuit Court, St. Croix County, Wisconsin (digital forensics examination of mobile device; exposing child to harmful materials or descriptions/narrations, Wis. Stats. 948.11(2) (a))
- 2021 — *Thompson v. Jackson Dean Construction, Inc.*, Minnesota Tenth Judicial District Court, No. 82-cv-20-1486 (consulting regarding provenance and authenticity of photographic evidence)
- 2021 — No. 27-cv-20-9039, Hennepin County Court, (mobile device extraction; investigation of alleged Google services and gMail hacking)
- 2021 — *State v. Coon*, Circuit Court, Barron County, Wisconsin (digital forensics examination; possession of contraband, Wis. Stats. 948.12(1m) and (3)(a), 939.50(3)(d))
- 2021 — *State of Wisconsin v. Jessel*, No. 20CF526 (enhancement of dash cam videos)
- 2021 — *State of Sunderlage*, Wisconsin Circuit Court No. 20CF0024 (attempted extraction of dysfunctional mobile device)
- 2021 — *State of Barth*, Wright County District Court (criminal sexual contact / interpretation of call detail records (cell tower forensics))
- 2021 — *State v. Eaton*, Circuit Court, Pierce County, Wisconsin (consulting re cell tower forensics)
- 2021 — *Cobb v. Sapphire Aviation, LLC*, No. D-101-cv-2020-02630, New Mexico First Judicial District Court, Santa Fe County (social media investigation)
- 2020 — *State v. Minar*, Circuit Court, Door County, Wisconsin (digital forensics examination; possession of contraband, Wis. Stats. 948.12(1m) and (3)(a), 939.50(3)(d))
- 2020 — Arechigo & Stokka, LLP (Becker County, MN | analysis and enhancement of squad audio/video)
- 2020 — *State v. Petersen* (Hennepin County, MN, No. 27-CR-19-16297 | expert opinion regarding metadata for electronic warrants maintained by Bureau of Criminal Apprehension)
- 2020 — *Soto, et al. v. Vasquez, et al* (No. 71-CV-19-1432, 10th Judicial District Court, Minnesota | enhancement of audio files)
- 2020 — *State v. Mayotte*, Circuit Court, Marathon County, Wisconsin (acquisition and analysis of Facebook Messenger electronic evidence; use of a computer to facilitate a child sex crime (948.075(1r), Wis. Stats.))
- 2020 — *State v. Shepherd*, (extraction of mobile device), Office of the Minnesota Public Defender, Hennepin County
- 2020 — Cottrell Law Firm (Mendota Heights, MN | audio forensics examination of audio recording in connection with allegations of sexual harassment in the workplace)
- 2020 — *In re Matter of Martin* (Juvenile Court No. 82-JV-19-298, Washington County, MN / Dep’t of Homeland Security No. MS02PR19MS0001 | analysis of mobile device; alleged attempted murder-for-hire)
- 2020 — *State v. Petersen*, No. 27-CR-19-16297 (Hennepin County, Minnesota | analysis and authentication of law-enforcement metadata in connection with electronically-issued search warrant)
- 2020 — *State v. Fisher*, No. 2019CF000100 (Circuit Court, St. Croix County, Wisconsin | consulting regarding global positioning technologies of monitoring device in alleged felony bail jumping)
- 2020 — In re Accelerated Practice Concepts and Timothy Emmer (Hennepin County, Minnesota | recovery of spoliated e-mail evidence relating to alleged violation of non-compete clause)

Casework & Testimonies (cont.)

- 2020 — *Providence Capital Funding, Inc. v. Therapy Depot, Inc.*, Superior Court, Orange County, California (contract dispute; authentication of electronic documents)
- 2020 — *Estate of Knutson v. North Memorial Health Care, et al.*, District Court, Hennepin County, MN (medical malpractice; authentication of photograph and text messages on mobile device)
- 2020 — *State v. Buselmeier*, [Iowa] (audio recording enhancement)
- 2020 — *State v. Sacco*, Circuit Court, Dane County, Wisconsin (digital forensics examination; possession of contraband in violation of 948.12(1m) and (3)(a), 939.50(3)(d) Wis. Stats.)
- 2020 — *State v. [redacted (pending)]*, Circuit Court, Milwaukee County, Wisconsin (interpretation of call detail records (cell tower locations in relation to location of mobile devices))
- 2019 — *State v. Fischer*, Circuit Court, Outagamie County, Wisconsin (interpretation of call detail records (cell tower locations in relation to location of mobile devices))
- 2019 — *State v. Kraus*, Circuit Court, Outagamie County, WI (extraction and compilation of video and PDF files for trial presentation)
- 2019 — O'Brien Family Law | Dallas, Texas (digital forensics examination of computer media; sexual harassment civil dispute)
- 2019 — *Williams v. City of Burlington* (S.D. Iowa, No. 19-cv-0043 | extraction of mobile device; analysis of physical condition of mobile device incident to interaction with law enforcement)
- 2019 — *State v. Warren*, Circuit Court, Wisconsin (extraction and compilation of video for trial playback)
- 2019 — *State v. Everett*, No. 73-CR-18-4828, District Court, Stearns County, MN (mobile device extraction and evidence analysis/consultation)
- 2019 — *State v. Sell*, District Court, Hennepin County, MN (cell tower forensics; evaluation of call detail records)
- 2019 — *State v. Wall*, District Court, Redwood County, MN (digital forensics examination re possession of contraband (Minn.Stat. § 617.247.1(a)))
- 2019 — *State v. Jones*, District Court, Hennepin County, MN (cell tower forensics; evaluation of call detail records), Office of the Minnesota Public Defender
- 2019 — *State v. Carter*, District Court, Marion County, Iowa (evaluation of cell tower data, call detail records, and mobile devices; alleged homicide)
- 2019 — *State v. Small*, Circuit Court, St. Croix County, Wisconsin (digital forensics consultation, possession of contraband in violation of 948.12(1m) and (3)(a), 939.50(3)(d) Wis. Stats.)
- 2019 — *Hadidy v. Casper*, No. 2016-6344, Court of Common Pleas, Luzerne County, Pennsylvania (evaluation of metadata in civil case alleging exfiltration of intellectual property by former employee)
- 2019 — *Stratasys v. Krampitz*, 17-cv-5524 (D. Minn.) (Testimony regarding another expert's findings and inferences concerning alleged spoliation of evidence)
- 2018 — *State v. Buselmeier*, (consulting regarding accessibility of deleted iPhone and iCloud data)
- 2018 — *Plude v. Stenland* (expert opinion regarding authenticity of e-mail proffered as evidence)
- 2018 — *State v. Taylor*, Fifth Judicial District Court, Office of the Public Defender (mobile device extraction)
- 2018 — Paul Voge Law Office (confidential matter not court-filed regarding wire fraud (theft by deception))
- 2018 — O'Brien Family Law (Dallas, TX — preservation and analysis of MacBook/AFS)
- 2018 — *State v. Sears*, Wisconsin (law enforcement dash-cam video enhancement)
- 2018 — *Morazan v. Scoops Sports Bar, Inc.*, Wisconsin (authentication of digital video surveillance)
- 2018 — *State v. Gaustadt*, Wisconsin (Wisconsin Circuit Court, St. Croix County, consulting regarding mobile device evidence)
- 2018 — *State v. Fulton*, Circuit Court, St. Croix County, Wisconsin (digital forensics examination; possession of contraband in violation of 948.12(1m) and (3)(a), 939.50(3)(d) Wis. Stats.)

Casework & Testimonies (cont.)

- 2018 – *Wisconsin Central Ltd. v. Hatfield Hydro, et al.*, 16 CV 167, Circuit Court, Jackson County, Wisconsin (analysis of metadata in discovery)
- 2018 – *Henderson v. Soo Line Railroad*, LACE128374, Iowa District Seven Court (third-party neutral appointed to authenticate camera still images and resolve allegations of alteration)
- 2018 – Satveer Chaudhary Law Office, Minneapolis, MN (cell phone extraction in criminal case)
- 2018 – O’Brien Family Law, Dallas, TX (cell phone extraction in marital dissolution case)
- 2017 – Sapientia Law Group, (cell phone extraction in civil case)
- 2017 – Groshek Law Firm, (*State v. Cardinale*, consulting regarding possession of contraband (Minn.Stat. § 617.247.1))
- 2017 – *State v. Harvey*, 27-CR-15-21028 (Frye-Mack challenge to law enforcement’s use of proprietary vendor technology to establish cell tower strength)
- 2017 – *State v. Reynolds*, No. 62-CR-17-1589, Second Judicial District Court, Minnesota (verification of alibi by analysis of cellular data records of cell tower azimuth)
- 2017 – *State v. Gauna*, 27-CR-16-24614, 4th Judicial District, Office of the Minnesota Public Defender (chip-off mobile device extraction)
- 2017 – *State v. Love*, 34-CR-16-965, 8th Judicial District, Office of the Minnesota Public Defender (mobile device extraction)
- 2017 – *Guss v. Gudmunson*, East Central Judicial District, North Dakota (assistance in drafting subpoena to common carrier seeking call detail records)
- 2017 – *State v. LeWinter*, 19HA-CR-16-1546 (analyze court records & discovery and advise attorney-client regarding the authenticity and admissibility of proffered Facebook Messenger transcripts)
- 2016 – *TMT Management Group v. U.S. Bank* (preservation of hard drives)
- 2016 – FONDUNGALLAH & KINGHAM, LLC (recovery of deleted e-mails)
- 2016 – *State v. Wessel*, 8th Judicial District, Office of the Minnesota Public Defender (mobile device extraction)
- 2016 – *State v. Ferguson*, No. 27-cr-15-35714, Office of the Minnesota Public Defender (chip-off mobile device extraction)
- 2016 – *State v. Ingram*, No. FECR094122, District Court, Woodbury County, Iowa (verification of alibi by geolocation and cell-site location of defendant’s whereabouts based on mobile device analysis)
- 2016 – *Leapfox Learning, Inc. v. Thompson, et al.*, No. CV OC 14 13106, Fourth Judicial District, State of Idaho, Ada County (expert opinion regarding taxing of costs by ESI expert)
- 2016 – *State v. Letendre*, No. OWCR038763, District Court, Dallas County, Iowa (enhancement of audio recordings)
- 2016 – *State v. Callendar*, No. 65-cr-15-414, 8th Judicial District, Office of the Minnesota Public Defender (mobile device extraction, recovery of text messages)
- 2016 – *Stoecker v. Stoecker*, No. 52-CV-15-233 (mobile device extraction)
- 2015 – *Estate of Franklin v. City of Minneapolis* (wrongful death lawsuit; analysis and authentication of law-enforcement supplied videos)
- 2015 – *State v. Gray*, No. FECR283168 (District Court, Polk County, Iowa (mobile device extraction)
- 2015 – *State v. Mahomud Mohammed Maye*, No. 27-CR-15-11246, 4th Judicial District, Minnesota (enhancement of audio/video evidence)
- 2015 – Ryan Simafranca, Esq. (data recovery, negligence suit)
- 2015 – *Achtenberg v. Doe* (preservation of Internet postings, suit for damages and injunctive relief)
- 2015 – *Yang v. Lee* (evidentiary preservation, forensics analysis, tort suit)
- 2015 – Rose Walker, LLP | Dallas, TX (digital forensics investigation regarding partner disassociation)
- 2015 – Sumrith Solutions, LLC (forensic analysis of hard drive, psychological autopsy of suicide victim)
- 2014 – *Fisher v. Shaw*, Dallas County (tort claims, consulting re: electronic evidence from personal computers and mobile devices)

Casework & Testimonies (cont.)

- 2015 – *Funk v. O’Connor, et al.*, No. 10-CV-14-547 (First Judicial District Court, Minnesota, concerning e-mail authentication)
- 2014 – *Schmidt v. Schmidt*, No. CDCD073936 (Polk County, Iowa, electronic discovery consulting)
- 2014 – *Molitor v. Molitor*, (Dakota County, MN | domestic relations, analysis of mobile devices containing spyware)
- 2014 – *Travelers Insurance v. [redacted]* (not yet filed; confidential until filing)
- 2014 – *Maddineni v. Maddineni* (Hennepin County, MN, data retrieval from damaged camcorder in OFP proceedings)
- 2014 – *Jacquelyn Bliss v. Central States Insulation Wholesale, Inc. and Chad Peterson*, Anoka County, Minn., Court File No.: 02-CV-14-658 (workplace harassment; hard drive analysis)
- 2014 – *In re: Stephen E. and Claudia J. Jara*, Bky. No. 11-31171, United States Bankruptcy Court, District of Minnesota (forensic extraction and transfer of digital intellectual property)
- 2014 – *In re the matter of T.G.G. and L.G.* (digital forensics investigation of suspected infidelity in contemplation of marital dissolution in Florida state court)
- 2014 – *In re the matter of MembraneX and USM Consulting* (LLC dissolution and sale, buyout of shareholder, alleged breach of fiduciary duties and self-dealing, *inter alia*)
- 2014 – *In re the Estate of Eleanor Ann Aldrich*, Chisago County District Court No. 13-PR-13-108; *In re the Eleanor Ann Aldrich Living Trust*, Chisago County District Court No. 13-CV-13-801 (cell phone evidence)
- 2013 – *Berends v. Wilkening & Wildung Trucking, Inc.* (Hennepin County, Minn., personal injury, Facebook evidence preservation)
- 2013 – *State v. Jewitt* (Wright County, Minn., No. 13015454, DWI, audio forensics)
- 2013 – *State v. Winer* (Ramsey County, Minn. No. 62CR133106, digital forensics consulting re possession of contraband (Minn.Stat. § 617.247.1))
- 2013 – *In re: matter of of S.B.B. and J.* (Ramsey County, Minn. voice-mail evidence preservation)
- 2013 – *State v. Clinton Wilson*, Keokuk County, Iowa, No. FECR011695 (deleted text messages recovery from mobile device in criminal matter)
- 2013 – *in re decedent Stanislav Wagenknecht* (South St. Paul P.D., Case No. 13000896)
- 2013 – *Arneson v. Party City, Inc.* (MN 4th Judicial Distr., expert testimony, Internet evidence preservation)
- 2013 – *Marriage of Graff*, Dallas County, TX (mobile device evidence preservation & consulting); *G. v. C.* (Dallas County, TX) (Internet evidence preservation & consulting)
- 2012 – Laura Fretland, Esq. (hard drive evidence preservation, marital dissolution)
- 2012 – *In re dissolution of Evans-Rose, LLP* (electronic evidence preservation, law firm dissolution, software licensing, attorney client privilege)
- 2012 – *Wells Fargo v. Klein* (MN 4th Judicial Distr., consulting re: UCC Article 4A, negligence, breach of contract, fraudulent wire transfers)
- 2012 – Claudia Revermann, Esq. (Facebook evidence, e-discovery strategy/admissibility)
- 2012 – MONROE MOXNESS BERG, PA, (Internet evidence preservation in re Traveling Tap litigation)
- 2012 – *State v. Shaw* (MN 4th Judicial Distr., consulting in criminal matter (probation revocation, cyberstalking) preservation of text messaging, administrative subpoena language)
- 2012 – Mary P. Mooney, Esq. (consulting re: domestic relations, Internet evidence admissibility)
- 2012 – *Indemnity Insurance Corp. of DC v. AMPA, Inc., et al.* (D.Minn, No. Civil No. 12-689., Internet evidence preservation re insurance fraud, contract law)
- 2012 – *State v. Maher* (MN 4th Judicial Distr., expert testimony, digital forensics examination re: criminal sexual conduct (Minn.Stat. §§ 609.342, 609.343))
- 2011 – *State v. Buckley* (MN 4th Judicial Distr., consulting re: trial strategy and digital evidence admissibility re: felony cyberstalking, Minn.Stat. § 609.749)
- 2011 – *Remote Technologies, Inc. v. Data Int’l Co.*, D.Minn. No. 10-cv-01678 (e-discovery services in contract dispute, intellectual property)
- 2011 – *State v. Fuchs* (MN 3^d Judicial Distr., No. 55-CR-10-1427, digital forensics examination re possession of contraband, Minn.Stat. § 617.247.1)
- 2011 – *State v. Vanderbeek* (MN 7th Judicial Distr., No. CR-2010-4754, digital forensics examination re possession of contraband (Minn.Stat. § 617.247.1(a)))

Casework & Testimonies (cont.)

- 2011 – *Deamer v. Regents of the Univ. of Minn.* (ADA, termination from medical program, e-discovery dispute)
- 2011 – *State v. Gleason* (MN 10th Judicial Distr., No. 86-CR-10-1221, digital forensics examination re possession of contraband (Minn.Stat. § 617.247.1(a)), consulting regarding Adam Walsh Act)
- 2011 – *Marriage of Holland* (Tex.App., No. 05-09-01201-CV, appellate brief-writing, legal research)
- 2011 – *Brekke v. Medtronic* (settled without litigation, digital forensics examination and consulting re: employment, non-compete, alleged misappropriation of intellectual property)
- 2010 - *State v. Rux* (MN 3d Judicial Distr., No. 66-CR-10-1689, consulting re digital evidence, admissibility of digital evidence, possession of contraband, (Minn.Stat. § 617.247.1))
- 2009 – *Marriage of Payervand* (TX 254th Judicial Distr., No. DF-09-04647, e-discovery dispute)
- 2007 – *Menke v. IWCO Direct* (settled: audio forensics, alleged sexual harassment & wrongful discharge)
- 2007 – *In re Interest of S.H.* (TX 271st Judicial Distr., No. 07-04-274, digital forensics re domestic relations, conspiracy to deprive parent of access & possession)
- 2007 – *Schwanke v. St Cloud Hospital, et al.* (Stearns County, MN, consulting re demonstrative evidence and exhibits (fetal monitoring strips, *inter alia*))
- 2007 – *Upham v. Upham* (Wright County, MN, consulting re: domestic relations, digital evidence admissibility)