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RETIRED DOCUMENT ANALYST
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FORENSIC TOXICOLOGIST

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CRIME SCENE RECONSTRUCTION

Anthony Milone

Forensic Chemist, Handwriting, and Document Expert

6/2015 - Present: Speckin Forensic Laboratories. Fort Lauderdale, FL

Handwriting and Document Expert

Performs handwriting examinations on signatures, anonymous letters, last wills and testaments, and purchase orders etc. Performs document examinations using alternate lighting sources and transmitted light. This also includes inspections with the naked eye as well as under magnification using a microscope. Alignment grids are used to measure misalignments within documents and side lighting is used to identify impressions in documents. A VSC 6000 is used to examine the documents under magnification, with different wavelengths of lights, and with changes in lighting to identify differences between documents and ink. Participated in the 2019 FBI Black Box Study that included over 100 handwriting examinations. Trained under Erich Speckin continuously since June of 2015 (approximately 7 years) and passed independent proficiency testing 2016, 2017, 2018, 2019, 2020, and 2021.

Ink Dating and Ink Analysis Technician

Operates gas chromatograph mass spectrometer to determine estimated age of ink on paper. Conducts thin layer chromatography (TLC) on questioned ink samples to compare many inks on a questioned document and to identify the type of ink used. Trained under Erich Speckin continuously since June of 2015 (approximately 7 years).

ESDA

Performs examinations of questioned documents using an electrostatic detection apparatus (ESDA) to visualize latent impressions that are generally left when information is written on a top page, leaving an impression or impressions on the page or pages underneath. Makes court presentations of findings. Trained under Erich Speckin continuously since June of 2015 (approximately 7 years).

Computer Forensic Examiner

Uses AccessData Forensic Toolkit software (FTK) to extract many kinds of files including deleted files from laptops, desktops, and computer drives. Can search computer users typed URLs, downloaded photos, contacts, and emails. Produces reports based on findings from extraction. Trained by AccessData in 2016 and received relevant certificates in the examination of computer drives.

Serology Expert

Follows accredited protocol to test for semen, saliva, and blood on garments and other common articles submitted to the lab. Checks for sperm heads by microscopic examination of extracted cells from garment or object using Christmas Tree Staining method. Proficiency tested and passed 2015, 2017, 2018, 2019, 2020, and 2021. Trained by Dr. Julie Howenstine with over 20 years of experience in biological and DNA testing.

Education

05/2015	Florida State University, Tallahassee, FL BS Biochemistry
08/2018	Medical Career Academy – Emergency Medical Technician
05/2019	Broward Fire Academy – Firefighter
01/2020	Broward College - Paramedic

Training

2015 – 2017	2 years of Handwriting and Document Examination Training under the supervision of Erich J. Speckin
2018 –Present	3 years of Handwriting and Document Examination casework technically reviewed by Erich J. Speckin
01/2016	MPE+ In House Training on Cellphone and Tablet Recovery
12/2015	Serology Proficiency and Christmas Tree Staining
12/2015	AccessData Computer Forensics & the Cloud
11/2015	AccessData Advanced Forensics
11/2015	AccessData Computer Forensic Fundamentals
10/2015	AccessData FTK Bootcamp
09/2015	Public Agency Training Council Cell Phone Technology - trained to use cell site and tower information to map the relative location of a phone and trained in the process in which a cellphone connects to a cell tower.

Publications and Presentations

Can We Agree on Terminology Beyond Handwriting? Coauthored with Erich J. Speckin

- Presented at 2019 Mid-West Association of Forensic Scientists (MAFS) Louisville Conference

Retained Court Appointed Cases

11/2015 Court Appointed by the Circuit Court for Wayne County Criminal Division to review cell site and tower information.

01/2016 Court Appointed by a Federal Court in Michigan to review FBI Cellular Analysis and extracted photos from cellphone as well as review cell site and tower information.

02/2016 Court Appointed by a State Court in Toledo, Ohio to review cellphone records, cell site information, and cell tower information to determine relative location of cell phone, and to extract relevant data from the cellphone.

06/2016 Court Appointed by the United States District Court for the Eastern District of Michigan to review cell site and tower information.

08/2016 Court Appointed by the Circuit Court of the 11th Judicial Circuit in Miami-Dade County, FL to review cell site and tower information.

11/2016 Court Appointed by the People of the State of Michigan to review cellphone records, cell site information, and cell tower information to determine relative location of cell phone.

03/2017 Court Appointed by Washtenaw County Circuit Court to review cellphone records, cell site information, and cell tower information to determine relative location of cell phone.

09/2017 Retained by Goethel Engelhardt, PLLC to review cellphone records, cell site information, and cell tower information to determine relative location of cellphone.

12/2017 Court Appointed by the 3rd Circuit Court for the County of Wayne to review cellphone records, cell site information, and cell tower information to determine relative location of cellphones.

12/2018 Court Appointed by the 3rd Circuit Court for the County of Wayne to review surveillance camera footage.

03/2019 Retained by Anne-Marie Welch of Clark Hill PLLC to examine a questioned document for authenticity.

07/2019 Retained by Don Passenger of Howard Law Group to perform a handwriting examination on a questioned document.

11/2019 Court Appointed by the JAC to review cellphone records, cell site information, and cell tower information to determine relative location of cellphones.

10/2020 Court Appointed by the 3rd Circuit Court for the County of Wayne to review cellphone records, cell site information, and cell tower information to determine relative location of

01/2022 Court Appointed by the JAC in Broward County to review cellphone records, cell site information, and cell tower information to determine relative location of cellphones.

03/2022 Retained by Drew Wortman of Oxley Law Office to review cellphone records, cell site information, and cell tower information to determine relative location of a cellphone.

Court Testimony

04/2022 Testimony in Wood County Ohio Court of Common Pleas on cellphone records, cell site information, and cell tower information to determine relative location of a cellphone.