



Brian Meadows

Curriculum Vitae

Principal | Precision Analytics LLC

Cellular technology and geolocation analysis | Expert testimony

Professional Summary

Brian Meadows is a principal of Precision Analytics LLC. His work includes historical cellular analysis, geolocation investigations, social media evidence, vehicle systems forensics, and expert testimony.

He has been involved in cellular technology investigations since 2018 and has received more than 200 hours of training in cellular networking, radio frequency technology, and historical cellular records interpretation.

He has used cellular telephone analysis to locate fugitives and missing or endangered children, recover previously undiscovered evidence, corroborate alibis, identify unknown suspects, and eliminate potential suspects.

Professional Experience

St. Louis County Police Department

Criminal Intelligence Unit

May 2019 to present

Detective within the Office of the Chief of Police and federally deputized Task Force Officer with the FBI Violent Crime Task Force in St. Louis.

Department-designated cellular technology specialist responsible for historical analysis and live tracking. Routinely locates missing persons, fugitives, and evidence through geolocation analysis.

Division of Special Operations, Special Response Unit

May 2018 to May 2019

Received FBI Cellular Analysis Survey Team (CAST) basic mapping training and practical experience locating cellular telephones for fugitive and investigative purposes.

Used cellular technology and social media trap-and-trace IP tracking to locate and apprehend fugitives.

Division of Patrol

June 2015 to May 2018

Assigned to the City of Fenton Precinct.

St. Louis County and Municipal Police Academy

January to June 2015

Recognition for Highest Academic Average and Best Overall Recruit.

Education

B.A., Criminal Justice | Lindenwood University | 2015

Professional Credentials

Received Berla CVST and CVSE certifications in vehicle systems forensic investigations.

Relevant Specialized Training

- FBI Cellular Analysis Survey Team (CAST) Basic Cellular Training
- Berla iVe Vehicle Infotainment and Telematics System Forensics (Vehicle Systems Forensic Technician and Examiner)
- ZETX Criminal Investigations Using Cellular Technologies
- ZETX Fugitive Mission Planning and Cellular Investigation
- LexisNexis Risk Solutions Criminal Investigations Using Cellular Technologies - Subject Matter Expert (Call Detail Record and Geolocation Analysis)
- LexisNexis Risk Solutions Leveraging Mobile Device Data in Exigent Situations
- FBI Social Media Training
- Google Geofencing and Geolocation
- NW3C - Connected Vehicle Investigations
- LexisNexis Risk Solutions - Vehicle Data Investigations
- Forensic Analytics - Forensic Cellular Site Survey and Analysis
- NDCAC - Modern Communication Technologies

Technical Proficiencies

- Vehicle-system chip-off acquisition: removal and reading of memory chips.

Professional Instruction

- Provided training to local and state law enforcement agencies, district attorneys' offices, and juvenile offices on using historical cellular records to further investigations.
- Created a Missouri POST-approved course on open-source and social media investigations and provided this training to local and state law enforcement agencies.
- Provided real-time cellular technology and geolocation training to law enforcement crisis negotiation teams.

Expert Testimony

State of Missouri v. Anthony Tate Case No. 20SL-CR00392-01 St. Louis County, Missouri	2023
State of Missouri v. Robert Brefford Case No. 19SL-CR00960-01 St. Louis County, Missouri	2023
State of Missouri v. Adrian Wilson Case No. 20SL-CR03262-01 St. Louis County, Missouri	2023
State of Missouri v. Ollie Lynch Case No. 2122-CR01814 City of St. Louis, Missouri	2023
State of Missouri v. MacArthur Jones Case No. 22SL-CR05675-01 St. Louis County, Missouri	2023
State of Missouri v. Christopher Turner Case No. 21SL-CR03404-01 St. Louis County, Missouri	2023
State of Missouri v. Wayea Hallowanger Case No. 22SL-CR09006-01 St. Louis County, Missouri	2024
State of Missouri v. Sylvester Hill Case No. 22SL-CR08480-01 St. Louis County, Missouri	2025
State of Missouri v. Terron Young Case No. 2422-CR00597-01 City of St. Louis, Missouri	2026
United States v. Michael Grady Case No. 4:21-CR-00571-AGF U.S. District Court, Eastern District of Missouri	2026
State of Missouri v. Chad Jones Case No. 23SL-CR03098-01 St. Louis County, Missouri	2026
State of Missouri v. Mar’Kevion Lemons Case No. 25SL-CR05854-01 St. Louis County, Missouri	2026
State of Missouri v. Avery Washington Case No. 2422-CR01197-01 City of St. Louis, Missouri	2026