



Regional Computer Forensics Laboratory 2019 Annual Report

RCFL

Foreword

This report documents the accomplishments and progress of the Federal Bureau of Investigation's (FBI) Regional Computer Forensics Laboratory (RCFL) Program during Fiscal Year (FY) 2019.

As the RCFL Program has grown to accommodate an ever-growing demand for our digital forensic services, so too has our dedication to sharing the latest technological advances—both tools and techniques—with the law enforcement community we serve. This year, the RCFL Program trained **3,652** law enforcement officers in digital forensic tools and techniques at our RCFLs.

We also increased our support to four new states with the addition of the New England RCFL (NERCFL) located in Boston, Massachusetts. The NERCFL, which opened in June 2019, vastly expanded the footprint of our program by servicing the states of Massachusetts, Maine, New Hampshire, and Rhode Island.

Along with the launch of our latest RCFL, we have also launched a new look to our suite of RCFL web sites (www.rcfl.gov) and will continue to expand our offerings daily.

We attribute our program's long-standing success to the dedication of our hundreds of certified Forensic Examiners representing the **131** partners of the RCFL Program. We are grateful for their continued support and will work to uphold the high standards they have grown to expect.



Unit Chief
Digital Evidence Field Operations
RCFL National Program Office





Table of Contents

PART I: RCFL Program Overview

1.0 Introduction -----	4
2.0 FY19 Program Accomplishments -----	6
3.0 Partnership-----	8
4.0 Asset Forfeiture Program -----	9
5.0 Assuring Quality Services -----	10
6.0 On the Horizon for FY20 -----	11

PART II: RCFL Profiles

Chicago RCFL -----	14
Greater Houston RCFL -----	16
Heart of America RCFL -----	18
Intermountain West RCFL -----	20
Kentucky RCFL -----	22
New England RCFL (NEW)-----	24
New Jersey RCFL-----	26
New Mexico RCFL -----	28
North Texas RCFL -----	30
Northwest RCFL -----	32
Orange County RCFL -----	34
Philadelphia RCFL -----	36
Rocky Mountain RCFL -----	38
San Diego RCFL -----	40
Silicon Valley RCFL -----	42
Tennessee Valley RCFL -----	44
Western New York RCFL -----	46
Acknowledgements -----	48

1.0 Introduction

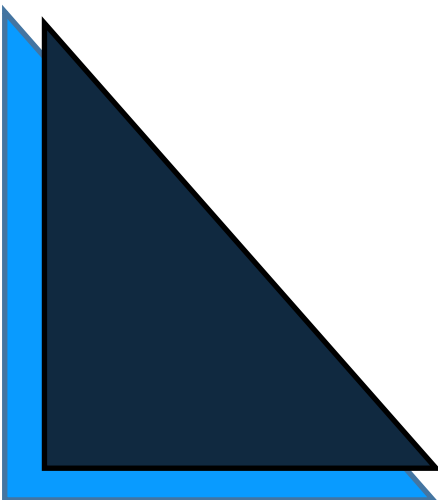
This report chronicles the progress and accomplishments of the RCFL Program during FY19, which covers October 1, 2018 through September 30, 2019.

The NERCFL, located in Boston, Massachusetts, brings the total number of RCFLs nationwide to 17. The RCFLs provide coverage to more than 5,000 state, local and federal law enforcement agencies located throughout the United States.



A RCFL is a one-stop, full-service digital forensics laboratory and training center devoted entirely to the examination of digital evidence in support of criminal investigations such as:

- ◆ Terrorism
- ◆ Child Pornography
- ◆ Crimes of Violence
- ◆ Trade Secret Theft
- ◆ Theft or Destruction to Intellectual Property
- ◆ Financial Crime
- ◆ Property Crime
- ◆ Internet Crime
- ◆ Fraud



RCFL Locations



RCFLs are located in:

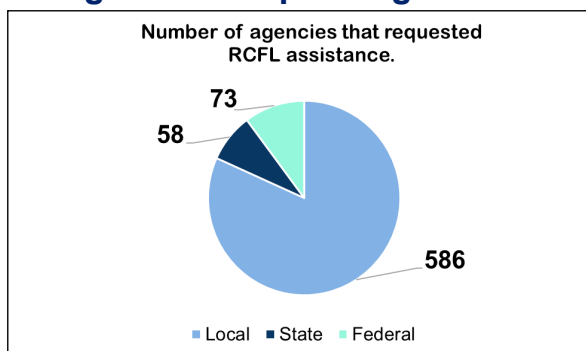
- ◆ Albuquerque, New Mexico
- ◆ Boston, Massachusetts
- ◆ Buffalo, New York
- ◆ Centennial, Colorado
- ◆ Chicago, Illinois
- ◆ Dallas, Texas
- ◆ Hamilton, New Jersey
- ◆ Houston, Texas
- ◆ Huntsville, Alabama
- ◆ Kansas City, Missouri
- ◆ Louisville, Kentucky
- ◆ Menlo Park, California
- ◆ Orange, California
- ◆ Philadelphia, Pennsylvania
- ◆ Portland, Oregon
- ◆ Salt Lake City, Utah
- ◆ San Diego, California

2.0 FY19 Program Accomplishments

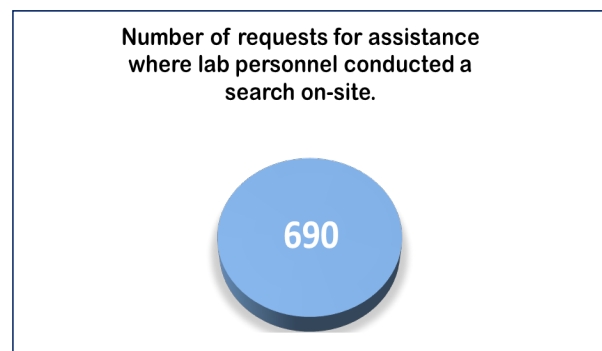
During FY19, the RCFL Program provided the following services to the local, state and federal law enforcement agencies they support. The following statistics reflect work completed by the RCFLs.

Digital Forensics Services

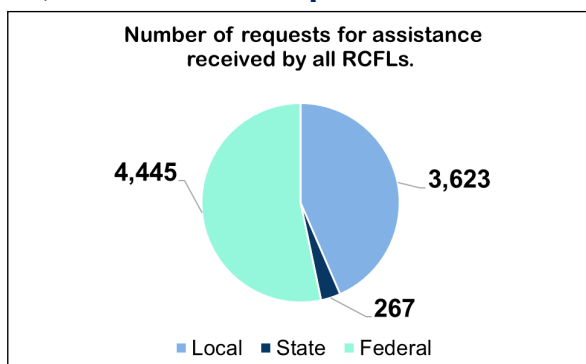
717 Agencies Requesting Assistance



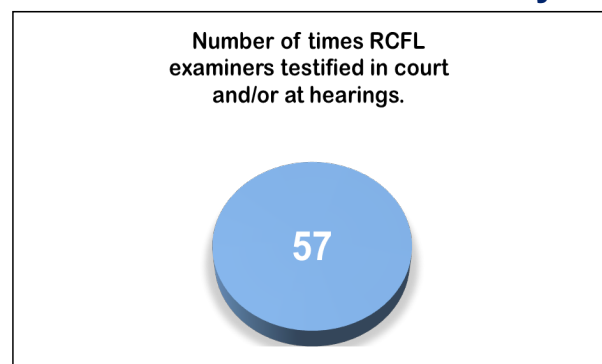
690 Searches



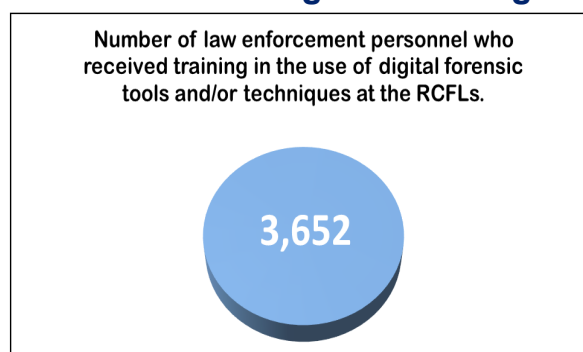
8,335 Service Requests Received



57 Examiner Court Testimony*



Free RCFL Program Training*



*Training and examiner testimony statistics are maintained locally by each RCFL.

Laboratory Achievements

Greater Houston RCFL (GHR CFL)



- ◆ Three of our Forensic Examiner Trainees (FETs) (2 FBI, 1 Task Force Officer) successfully completed their certification training and became certified Forensic Examiners (FEs) in December 2018.
- ◆ GHR CFL successfully completed its 5-year re-accreditation audit by ANSI National Accreditation Board (ANAB) with no findings.
- ◆ GHR CFL provided Digital Video Retrieval Training (DIVRT) to all GHR CFL examiners as well as investigators from the Harris County Sheriff's Office and Fort Bend County Sheriff's Office.
- ◆ Classroom upgrade completed.

Heart of America RCFL (HAR CFL)



- ◆ Amy Corrigan received the Exceptional Performance Award for a support employee in the Kansas City Division due to her consistent work at the RCFL endlessly working for the betterment of the HAR CFL and the FBI Kansas City Division.
- ◆ HAR CFL conference room was completed in late 2019, providing a professional environment to hold trainings, Local Executive Board (LEB) Meetings, and meetings with our external partners.

Orange County RCFL (OCRCFL)



- ◆ SSA Stephen E. Crist, FE Brian Penfold and FE Mar-Sean Mikel all received the 2019 United States Attorney's Award.

San Diego RCFL (SDRCFL)



- ◆ Began providing services for vehicle forensics.
- ◆ Provided iPhone unlocking services using advanced forensic tools.
- ◆ Certified three (3) FEs.
- ◆ Special Agent Forensic Examiner (SAFE) Dennis Vollrath received the Exceptional Performance Award for outstanding service to the FBI San Diego Division.

Silicon Valley RCFL (SVRCFL)



- ◆ ITS-FE Meghan Gwyer received the Office of the Director of National Intelligence's National Intelligence Meritorious Unit Citation award for her performance during a case.
- ◆ SAFE Amanda Chung received the National Counterintelligence and Security Professional Award – Supply Chain Protection for her performance during a case.

Tennessee Valley RCFL (TVRCFL)



- ◆ FE Andrew Stark developed and instructed SQL Forensics on behalf of the Digital Evidence Staffing, Education, and Development (DESED) Unit resulting in an award from the FBI Operational Technology Division.

3.0 Partnership

Welcome

The most significant resource RCFLs possess is their talented staff of Digital Forensic Examiners. This year, the RCFL was fortunate enough to have **131** law enforcement partners from state, local and federal agencies, including the following new participating agencies:

New England RCFL (NERCFL)

- ◆ Boston Police Department
- ◆ Brookline Police Department
- ◆ Bureau of Alcohol, Tobacco, Firearms and Explosives
- ◆ FBI – Boston Division
- ◆ Framingham Police Department
- ◆ Massachusetts State Police
- ◆ Middlesex Sheriff's Office

New Jersey RCFL (NJRCFL)

- ◆ Hudson County Prosecutor's Office

Philadelphia RCFL (PHRCFL)

- ◆ Pennsylvania Office of the Attorney General

Tennessee Valley RCFL (TVRCFL)

- ◆ City of Madison Police Department
- ◆ Homeland Security Investigations

RCFL Benefits of Participation

A RCFL is a task force partnership between the FBI and other law enforcement agencies operating within a geographic region. Organizations that enter a Memorandum of Understanding (MOU) with the FBI become participating agencies in the RCFL. As a non-monetary fee, they detail staff members to staff the laboratory, and in return, they and their personnel receive the following benefits of participation:

- ◆ Access to digital forensics examination and advisory services.
- ◆ Provide the same sophisticated technical training that is provided to FBI's certified computer FEs.
- ◆ Have the potential to receive compensation for overtime worked and use of a government-leased automobile while on official duty as TFO detailees.
- ◆ Have exposure to the most technologically advanced computer equipment available. The FBI invests significant funds on forensic equipment and advanced forensic software every year.
- ◆ Receive broad experience in a variety of digital forensic cases.
- ◆ Have a stake in the management of the RCFL.



4.0 Asset Forfeiture Program

Program Overview

Since 1994, the Department of Justice (DOJ) has made funding available from the Asset Forfeiture Fund (AFF) for the payment of various costs incurred by sworn state and local law enforcement officers participating in joint law enforcement operations with federal agencies.



The FBI is partnered with DOJ in the AFF Program. This partnership allows the RCFL Program to support reimbursement of overtime and training as well as providing leased vehicles to sworn officers assigned to the laboratories. The RCFL Program has benefited from its ongoing partnership with AFF each year since 2006.

How The Program Works

Each year, the RCFL National Program Office (NPO), as part of the annual request for allocation of resources from the AFF, submits a proposal for funding to allow the FBI to support the offsetting of costs to sworn state and local law enforcement officers.

Because AFF resources are awarded to the FBI on an annual basis, there is no guarantee that these benefits will be available from one year to the next.

5.0 Assuring Quality Services

The RCFL Program is deeply committed to providing the highest quality digital forensics services to the law enforcement community and is recognized by the ANAB. The accreditation is a formal demonstration of competence, reliability and trusted results. Conforming to the international forensic community standards further enhances and strengthens public confidence in the laboratories. Recognizing the objective of the quality program to continuously improve, the accreditation is reviewed on a four-year cycle.

The ANAB/American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB) program is a voluntary initiative in which any crime laboratory can participate to demonstrate that its management, operations, personnel, procedures and safety protocols meet established standards.

In April of 2016, ASCLD/LAB merged into the ANAB organization. The RCFLs began transitioning to the ANAB accreditation program beginning in FY18. The RCFL program is now fully transitioned to the ANAB banner under the ISO/IEC 17025:2017 standards.

Quality Program Update

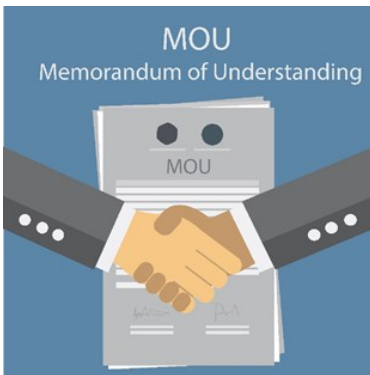
Over the past two years, RCFLs have transitioned to the ANAB. This year, the RCFL Program's accreditation will be restructured to reduce program costs, increase efficiency and become more agile and flexible in processing evidence for our customers, all while maintaining the competence, reliability and trusted results RCFLs are known for.



6.0 On the Horizon for FY20

Access to Advanced Technologies

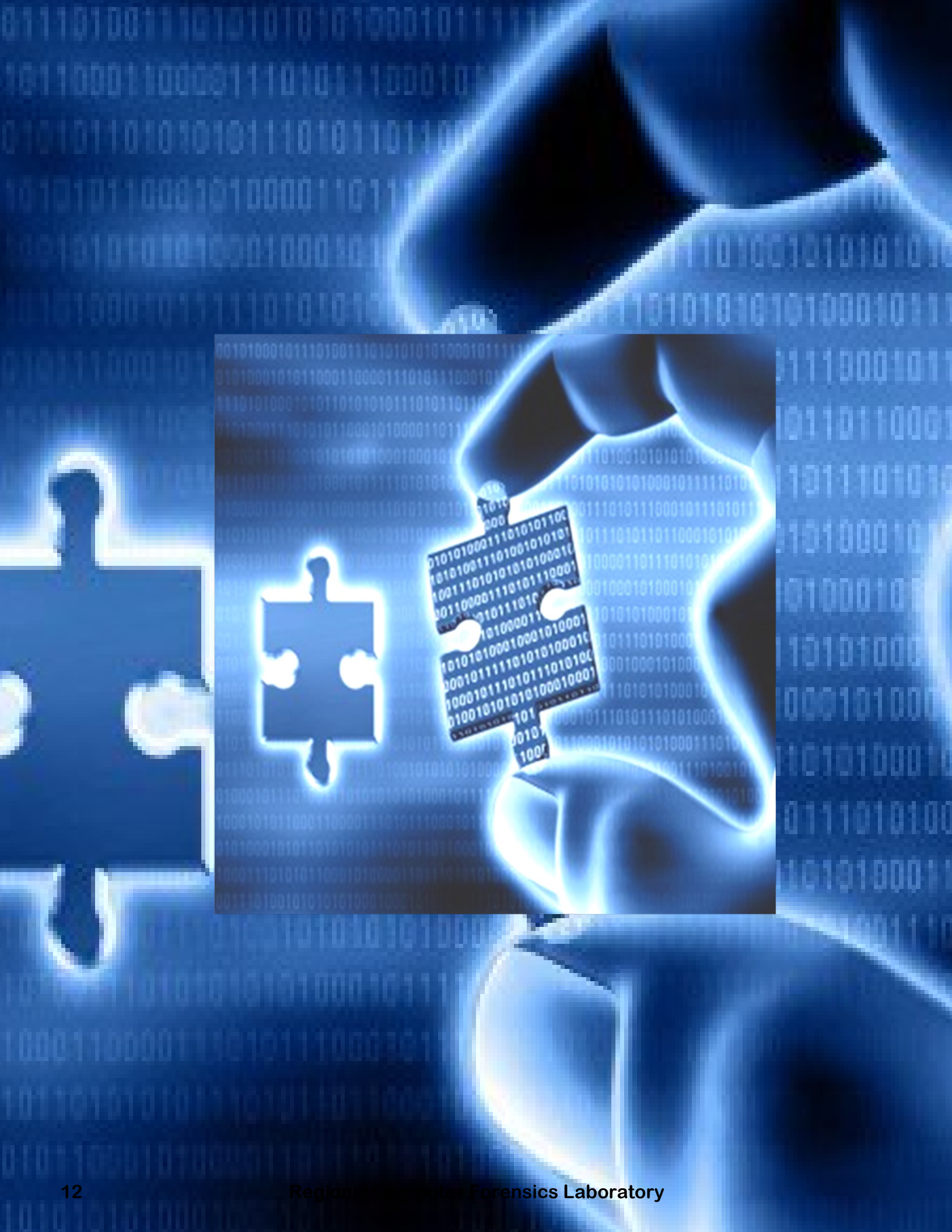
The RCFL NPO will continue to support RCFLs by providing additional access to advanced technology resources, such as cellular phone unlocking services, telematics vehicle forensic services and video retrieval tools and training.

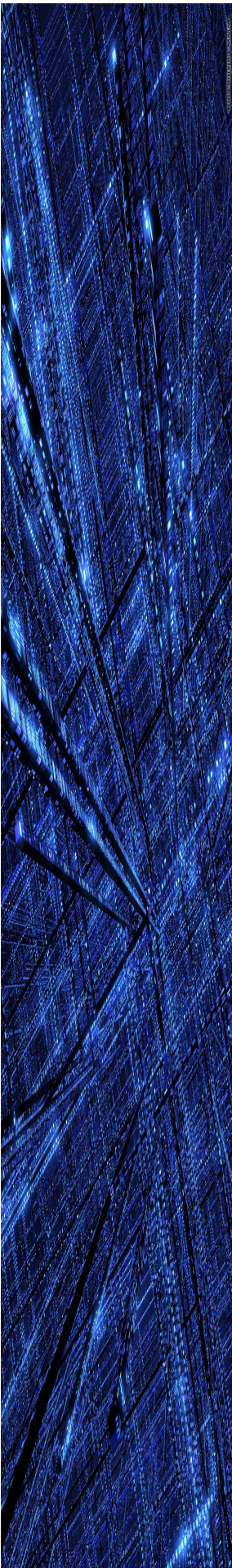


Update the MOU

The RCFL Program will seek to update the program's long-standing MOU, which has been in place for the last decade. As we approach 2020, the program will revise this document to ensure it continues to meet the needs of our program and the communities we serve.

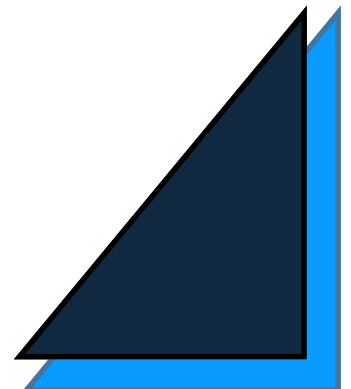






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Tennessee Valley RCFL -----	44
Western New York RCFL-----	46
Acknowledgements -----	48



Chicago RCFL

WWW.RCFL.GOV/CHICAGO



Year Opened: 2003

Laboratory Director: Director John T. Dziedzic, Cook County Sheriff's Office

Service Area: Northern Illinois

Number of Agencies in Area: 364

Accredited Since: 2009

Progress Report

The RCFL's Progress and Accomplishments for FY19:



TOP 5 CRIMES



Participating Agencies:

- ◆ Berwyn Police Department
- ◆ Carol Stream Police Department
- ◆ Chicago Police Department
- ◆ Cook County Sheriff's Office
- ◆ Cook County State's Attorney's Office
- ◆ FBI—Chicago Division
- ◆ Joliet Police Department
- ◆ Lombard Police Department
- ◆ Naperville Police Department
- ◆ Oak Park Police Department
- ◆ Romeoville Police Department
- ◆ U.S. Customs and Border Protection
- ◆ Will County Sheriff's Office

Notable News

Material Support for ISIS

Chicago RCFL (CGRCFL) examiners were on-scene for the arrest of Ashraf Al Safoo, who was charged with providing material support for ISIS by coordinating their social media presence for recruiting and propaganda purposes. CGRCFL examiners were able to extract data pertinent to the case from Al Safoo's locked iPhone and processed all recovered digital media from his residence.

Actor Files False Police Report

The CGRCFL assisted the Chicago Police Department in the investigation of a high-profile hate crime in which actor Jussie Smollett was allegedly assaulted. CGRCFL examiners processed cellular devices belonging to the alleged offenders. Examiners recovered information from the devices that corroborated the claims made by the accused and charges were subsequently filed against Smollett for filing a false police report.

Pratt Mass Shooting

CGRCFL examiners assisted the Aurora Police Department (APD) with their investigation of a mass workplace shooting in which five officers were shot and six civilians killed. Examination of the shooters' cellular devices and laptop have provided insight into the mindset of the shooter. Examiners additionally assembled a presentation from dozens of hours of camera and audio footage which was used in APD's final briefing on the event.

Forensic Tools Recover Key Evidence

CGRCFL examiners processed the cellular devices of the parents of a missing Crystal Lake child. Utilizing advanced forensic tools, the examiner was able to recover several key pieces of evidence that could not be recovered by employed field methods. Additional search warrants and processing of an Apple iCloud subpoena return led to the recovery of a video, which ultimately led to the confession by the boy's father.

Pulse Check: Status of FY19 Goals



Increase Participation: Placed examiner from the Joliet Police Department in the CGRCFL. Also, received a commitment from the Chicago Police Department to add three additional examiners.



Expansion: Successfully rolled out the satellite laboratory in the Rockford Resident Agency. Furniture was delivered and installed, and a system administrator was assigned to assist with set up of the satellite laboratory.



Quality System: The internal ANAB audit was found to be in compliance, and the CGRCFL has maintained accreditation for the next year.



Capacity: Two Forensic Examiners (FEs) were certified during the fiscal year.



Training: Several vendors agreed to host training at the CGRCFL and provided no-cost seats for examiners.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Expansion: Establishment of a satellite RCFL in the Rockford Resident Agency.

Quality Assurance: Successfully complete ANAB on-site audit to maintain accreditation.

Examiners: Increase the number of fully certified examiners at the CGRCFL.

Staffing: Increase staffing at the CGRCFL from current levels.

Internal Audit: Complete an extensive internal audit in anticipation of the ANAB on-site assessment.

Greater Houston RCFL

WWW.RCFL.GOV/HOUSTON



Year Opened: 2005

Laboratory Director: SSA Scott Ma,
FBI

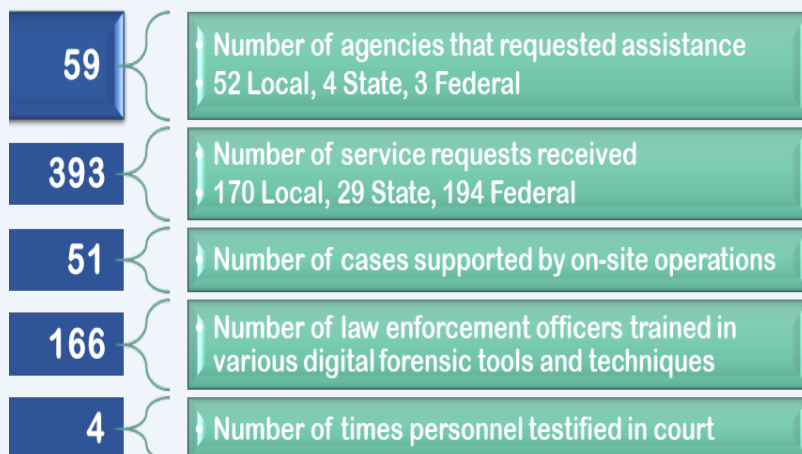
Service Area: Southern Texas

Number of Agencies in Area: 327

Accredited Since: 2009

Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ FBI—Houston Division
- ◆ Fort Bend County Sheriff's Office
- ◆ Harris County Sheriff's Office
- ◆ Texas Department of Public Safety



**TOP 5
CRIMES**

Notable News

Bank Robbery Case

Markeist Daquon Reed, a 20-year-old resident of Wilmer, has been ordered to federal prison for committing multiple bank robberies and brandishing a firearm during a crime of violence. Reed pleaded guilty to a total of three counts of bank robbery involving three different banks and one count of brandishing a firearm during a crime of violence. He was handed a 53 month sentence for the robberies. He also received an additional 84 months for the firearms charge, which must be served consecutively to the other sentence

imposed. The sentences will be immediately followed by three years of supervised release. The GHRCFL conducted examinations on submitted cell phones for this case.

MS-13 Gang Initiative

Jose Leonel Bonilla-Romero, aka Jose Tupapa, a 23-year-old El Salvadorian citizen, has been ordered to federal prison for his role in a horrific gang slaying - the murder of a teenager in the Sam Houston National Forest in 2013. Bonilla-Romero was handed a 460 month term of imprisonment and ordered to pay \$13,000 in restitution.

At the time of his plea, Bonilla-Romero admitted to aiding and abetting two others in the murder of the 16-year-old victim. Those others - Cristian Alexander Zamora, aka Christian Zamora, Alex or Polio, 28, and Ricardo Leonel Campos Lara, aka La Muerte, 24, both also of El Salvador, who resided in Huntsville and Houston respectively, previously pleaded guilty and are currently serving their federal prison sentences of 420 months each.

Health Care Fraud

Daniela Gozes-Wagner, a 36-year-old Houston woman, has been ordered to pay more than \$15 million in restitution following her conviction of conspiring to commit \$50 million in health care fraud as well as laundering money. Gozes-Wagner was ordered to serve a total of 240 months' imprisonment to be immediately followed by three years of supervised release. At the hearing, the court noted Gozes-Wagner had "wreaked havoc" on the health care system of the United States.

The GHRCFL imaged and processed over 60 submitted evidence items in support of this case. The GHRCFL continues to assist the case agent on the two open evidence items.

Theft of Trade Secrets

Shan Shi, 54, a Houston, Texas, man, was convicted by a federal jury in Washington, D.C. of conspiracy to commit theft of trade secrets. Following a nine-day trial, Shi was convicted of one count of conspiracy to commit theft of trade secrets and a superseding indictment containing one count of conspiracy to commit economic espionage and one count of conspiracy to commit money laundering charges. Shi was acquitted on the other charges.

Pulse Check: Status of FY19 Goals



Promote Outreach and Provide Training: The GHRCFL hosted Case Agent Investigative Review (CAIR) training, cell phone extraction, and DIVRT classes. A member of the lab also gave a digital forensic presentation at a local conference.



Strengthen Examiner Capabilities: Four examiners attended telematics vehicle forensics training; two FEs began Senior FE training and one completed certification; one TFO FET completed Linux and Mac coursework; two examiners completed cell phone training; and one completed Field Audio Video Program (FAVP) continuing education training.



Increase the Number of FEs: Three FETs completed Computer Analysis Response Team (CART) certification during the fiscal year. Additional FETs continued progress toward certification.



Enhance Laboratory Capabilities: The GHRCFL received an upgrade to their examiner network; renovated their training room, including new computers and dual monitors; set up two-disc publishing systems; and received and deployed new examiner stations and monitors.



Training: Several vendors agreed to host training at the CGRCFL and provided no-cost seats for examiners.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Promote Outreach and Provide Training: Work with local and national organizations to enhance training opportunities to agencies served by the GHRCFL.

Strengthen Examiner Capabilities: Provide training and additional certification opportunities.

Enhance Laboratory's Capabilities: Upgrade equipment, infrastructure, and hardware through the procurement process.

Heart of America RCFL

WWW.RCFL.GOV/HEART-OF-AMERICA



Year Opened: 2003

Laboratory Director: SSA Sarah Lucas, FBI

Service Area: Kansas and the Western two-thirds of Missouri

Number of Agencies in Area: 867

Accredited Since: 2007

Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ Clay County, Missouri, Sheriff's Office
- ◆ FBI—Kansas City Division
- ◆ Gladstone, Missouri, Police Department
- ◆ Independence, Missouri, Police Department
- ◆ Kansas Bureau of Investigation
- ◆ Kansas City, Kansas, Police Department
- ◆ Kansas City, Missouri, Police Department
- ◆ Lawrence, Kansas, Police Department
- ◆ Lee's Summit, Missouri, Police Department
- ◆ North Kansas City, Missouri, Police Department
- ◆ Olathe, Kansas, Police Department
- ◆ Overland Park, Kansas, Police Department
- ◆ Platte County, Missouri, Sheriff's Office
- ◆ Shawnee County, Kansas, Sheriff's Office
- ◆ U.S. Attorney's Office—District of Kansas
- ◆ U.S. Attorney's Office—Western District of Missouri



TOP 5 CRIMES



Notable News

Kansas Mom and Boyfriend Convicted

Miranda Miller was charged with second degree murder, and her boyfriend, Stephen Bodine, was convicted and sentenced to 109 years after abusing and killing the woman's three-year-old son and encasing the body in concrete. The act(s) were recorded and Task Force Officer (TFO) Thad Winkelman completed an audio enhancement exam.

Attempted Murder-Suicide

Scharron Dingledine was sentenced to life in prison after she drove her children into the Kansas River in an attempted murder-suicide. Officers rescued Dingledine and her one-year-old son, but her five-year-old daughter died.

Service Attacks on Internet Provider

Michael Golightly of Larned, Kansas, was sentenced to 27 months for denial of service attacks on internet provider Nex-Tech.

Pharmacist Found Guilty

A federal jury found a Wichita area pharmacist, Ebube Otuony, guilty on charges of unlawfully dispensing opioid prescription drugs.



Pulse Check: Status of FY19 Goals



Increase Participation: A new TFO joined the RCFL. By way of transfer, the FBI Kansas City Division increased the ITS-Forensic Examiner (ITS-FE) staffing level at the RCFL by one.



Update MOU: The current Memorandum of Understanding (MOU) has not been updated since 2009 and should reflect current participating agencies. This has been moved to the National Program Office (NPO) level.



Enhance Laboratory Capabilities: One examiner attended Multimedia Exploitation Unit (MXU) video/audio training and authorized Cellebrite Ultimate, Law Enforcement and Emergency Services Video Association International, Incorporated (LEVA) certification for three examiners, MSAB kiosk, and began Linux certification for one examiner.



Implement New Kiosk Options: Continued to offer services to local law enforcement outside driving range. New kiosk in use.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Increase Staffing: Increase the number of examiners at the HARCFL.

Decrease Backlog.

Training: Promote outreach and training to agencies served by the HARCFL.

Intermountain West RCFL

WWW.RCFL.GOV/INTERMOUNTAIN-WEST



Year Opened: 2005

Laboratory Director: SSA Cheney Eng-Tow, FBI

Service Area: Utah, Idaho, and Montana

Number of Agencies in Area: 430

Accredited Since: 2008

Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ Ada County, Idaho, Sheriff's Office
- ◆ Billings, Montana, Police Department
- ◆ Boise City, Idaho, Police Department
- ◆ Davis County, Utah, Sheriff's Office
- ◆ FBI—Salt Lake City Division
- ◆ Salt Lake City, Utah, Police Department
- ◆ Sandy City, Utah, Police Department
- ◆ Utah Attorney General's Office
- ◆ Utah Department of Public Safety



**TOP 5
CRIMES**

Notable News

Cyberstalking Case

Subject Loren Okamura (who lived in Hawaii) tormented a Utah family for more than a year by sending more than 500 people to their house for unwanted services. Subject harassed the family via repeated voicemails and texts in an extreme cyberstalking case. Subject was arrested in Hawaii and charged with cyberstalking, interstate threats, and transporting people for prostitution. The IWRCFL examined a mobile device and coordinated a voice comparison analysis with the FBI Operational Technology Division.

IWRCFL Examined Digital Evidence

Subject Mark Burns is accused of multiple sexual assaults and rapes, spanning two states in the 1990s and early 2000s. Suspect was charged with multiple counts of Aggravated Sexual Assault, Aggravated Kidnapping, Aggravated Burglary and Aggravated Robbery. Subject was a long-haul trucker, and it is suspected there are more victims out there. The IWRCFL is examining the computers and other digital evidence in this matter.

Aggravated Murder Case

Subject Chelsea Cook is a former high-school teacher accused of murdering a woman dating her ex-husband. Subject was dropping off medicine for her children and shot the girlfriend in front of the kids. Subject was charged with aggravated murder. The IWRCFL is working on extracting data from the subject's cell phone which is locked.

Sexual Exploitation Case

Subject Timothy Hallows, who is a bishop of The Church of Jesus Christ of Latter-day Saints, was arrested and charged with eight counts of sexual exploitation of a minor. Subject possessed and distributed child pornography. He is believed to have had sexual contact with children during church camping trips and possibly with children in other states and countries. The IWRCFL is examining the subject's digital devices.

Pulse Check: Status of FY19 Goals



Replace Telecommunications System: New system was installed and operational.



Enhance Staffing: Transferred in one (1) FBI Special Agent (SA) to the RCFL as a new Forensic Examiner Trainee (FET).



Increase Examiner Advanced Certifications for Additional Platforms: Multiple examiners attended training in specialty tools and techniques.



Maintain Minimal Backlog and Aging Requests: Goal was met for most of the year.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Enhance Staffing: Train two (2) FETs as certified FEs.

Advanced Training: Maintain/increase examiner advanced certification.

Minimize Backlog: Maintain/reduce backlog and aging requests.

Maintain ANAB Certification.



Kentucky RCFL

WWW.RCFL.GOV/KENTUCKY



Year Opened: 2006

Laboratory Director: SSA Jeffrey T. Hester, FBI

Service Area: State of Kentucky

Number of Agencies in Area: 420

Accredited Since: 2009



Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ FBI—Louisville Division
- ◆ Jefferson County Sheriff's Office
- ◆ Kentucky State Police
- ◆ Louisville Metro Police Department
- ◆ University of Louisville



TOP 5 CRIMES

Notable News

Life in Prison for Kroger Shooter

Gregory Alan Bush entered a Kroger grocery store in Jeffersontown, Kentucky, and shot and killed two individuals. During the incident, Bush allegedly made comments along the lines of "white people don't shoot white people." While in police custody, Bush repeated the name Dylann Roof, an individual who was

convicted for the racially motivated mass shooting at Emanuel African Methodist Episcopal Church. After his apprehension, the KRCFL examined Bush's electronics and found evidence supporting the investigation. Bush was sentenced to life in prison with the possibility of parole.

Collaboration Leads to Conviction


Hiding under an alias, Jeffrey Carter of Calloway County, Kentucky, used social media for child exploitation and sex trafficking. Carter's electronic devices were submitted to the KRCFL for examination. The Forensic Examiner (FE) was able to identify substantial evidence which also led to the discovery of numerous victims located across Kentucky and the Midwest. Working together, local, state and federal law enforcement were able to locate victims and provide assistance. The FEs testimony at the trial was crucial for prosecution. Carter was convicted on 25 counts of production and receipt of child pornography and sex trafficking. Carter was sentenced to life in prison.


Cooperation leads to Robbery Conviction


The KRCFL provided significant assistance to the Louisville Metro Police Department's investigation of Mark Espinosa. Espinosa was a Guarda World armored truck driver who was collecting money from various local businesses for bank transactions. In December of 2018, Espinosa disappeared with an armored truck and approximately \$900,000. The KRCFL FE found incriminating evidence regarding the crime on Espinosa's digital devices including attempts to create false identification under the name "Sam Smith." Espinosa was sentenced to 37 months in prison and ordered to pay \$932,285 in restitution.


Pulse Check: Status of FY19 Goals


 **Increase Participation:** The KRCFL has identified two new additional agencies.


 **Provide Training:** The KRCFL provided training to 209 law enforcement officers.

 **Maintain Staffing:** One examiner attended MXU video/audio training, Cellebrite Ultimate, LEVA certification for three examiners, MSAB kiosk, and began Linux certification for one examiner.

 **Education:** The KRCFL educated FBI employees on the capabilities, procedures, and processes of the KRCFL.

 **Increase Efficiency:** The KRCFL increased the responsibilities of the Operational Support Technician (OST) position to reduce the administrative tasks of the FEs.

 **Reduce the number of open requests:** The KRCFL reduced the number of open requests through increased efficiency and procedures.

 Accomplished  In Progress  Not Accomplished

Goals for FY20

Increase: Participation: Identify and recruit additional participating agencies.

Provide Training: KRCFL will train law enforcement agencies on obtaining and exploiting digital evidence.

Staffing: The KRCFL will work with the Jefferson County Sheriff's Office (participating agency) to identify and recruit a TFO FE candidate.

Efficiency: The KRCFL will close 35 requests per examiner in FY20.

New England RCFL

WWW.RCFL.GOV/NEW-ENGLAND



Year Opened: 2019

Laboratory Director: SSA Bruce Hartung, FBI

Service Area: States of Massachusetts, Maine, New Hampshire, and Rhode Island

Number of Agencies in Area: 759



Progress Report

The RCFL's Progress and Accomplishments for FY19:



**TOP 5
CRIMES**

Participating Agencies:

- ◆ Boston Police Department (NEW)
- ◆ Brookline Police Department (NEW)
- ◆ Bureau of Alcohol, Tobacco, Firearms and Explosives (NEW)
- ◆ FBI—Boston Division (NEW)
- ◆ Framingham Police Department (NEW)
- ◆ Massachusetts State Police (NEW)
- ◆ Middlesex Sheriff's Office (NEW)

Notable News

Welcome:



Boston Police Department



Brookline Police Department



Bureau of Alcohol, Tobacco, Firearms,
And Explosives



FBI—Boston Division



Framingham Police Department



Massachusetts Police Department



Middlesex Sheriff's Office

Kidnapping Resulting in Death

NERCFL supported an investigation into the high-profile kidnapping and homicide of a woman from a night club in the Boston area. NERCFL personnel examined or are examining smart phones and other devices as well as the custom-made desktop computer of the main subject. Additionally, NERCFL personnel advised investigators on Berla vehicle forensics and coordinated with the field office in which the automobile was located.

Varsity Blues

NERCFL examiners performed laboratory and on-site analysis of digital devices used by the subjects of this investigation. Examiners analyzed devices and media for communications, spreadsheets, and other documents.

Threats to National Political Figures

NERCFL forensically analyzed digital evidence in support of an urgent investigation into threats made to national political figures. NERCFL analyzed one laptop and one smart phone.

Hedge Fund Fraud

In support of a high-profile hedge fund fraud investigation, NERCFL examiners imaged, processed and analyzed approximately 30 original evidence items in support of this investigation. The subject was sentenced March 21, 2019, to 175 months, 3 years of supervised release and restitution to be determined later.

Pulse Check: Status of FY19 Goals

No reported FY19 goals as RCFL was new.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Training: Deliver training.

Advanced Training: Develop FE advanced specialties within the NERCFL.

Advanced Capabilities: Study the capabilities and availability of analytical tools that facilitate complex analysis of relationships between multiple digital devices.

Funding: Work towards securing grant funding.

OPEN FOR
BUSINESS

New Jersey RCFL

WWW.RCFL.GOV/NEW-JERSEY



Year Opened: 2004

Laboratory Director: SSA Steven J. Newman, FBI

Service Area: State of New Jersey

Number of Agencies in Area: 526

Accredited Since: 2006



Progress Report

The RCFL's Progress and Accomplishments for FY19:



1. Exploitation/Enticement

2. Homicide

3. Sex Assault

4. Burglary

5. Dangerous Drugs, Arson, Fraud (3-way tie)

**TOP 5
CRIMES**

Participating Agencies:

- ◆ Essex County Prosecutor's Office
- ◆ FBI—Newark Division
- ◆ Hudson County Prosecutor's Office (NEW)
- ◆ Mercer County Prosecutor's Office
- ◆ Monmouth County Prosecutor's Office
- ◆ New Jersey Division of Criminal Justice
- ◆ New Jersey Office of the Attorney General
- ◆ New Jersey State Police

Notable News

Welcome:



Hudson County Prosecutor's Office

Abuse of Church Funds

Jermaine Grant, the leader of a New York based Black Hebrew Israelite Church, was sentenced to 18 months in federal prison,

after he admitted to using church funds to personally enrich himself and then concealed the millions of dollars he stole from the federal government. The treasurer of the church, Lincoln Warrington, also pleaded guilty to the same charge. Warrington was sentenced to 12 months and one day in prison. Grant, with the assistance of Warrington, is believed to have funneled \$2.4 million.

The NJRCFL assisted in the execution of five (5) searches and over 40 laboratory examinations. Over 120 digital items were examined to include over 70 mobile devices.

New Jersey Man Kills Brother and Family

Paul Caneiro of Ocean was charged with multiple charges including four counts of first-degree murder in the deaths of his brother, sister-in-law and their two children. He is also charged with arson and insurance fraud for fires at his brother's mansion and at his own home, which investigators believe was an attempt to make it look like someone else was targeting the Caneiro family for violence.

The NJRCFL assisted in the execution of a search warrant at the suspect's residence. The NJRCFL also assisted in searching the burned-out residence, where several electronic devices were discovered. Numerous laboratory examinations were performed on items seized to include computers, Digital Video Recorders (DVRs) and mobile devices. Several car infotainment systems were examined with the help of the FBI Operational Technology Division, Electronic Device Analysis Unit (EDAU).

Sexual Activity with a Minor

A Somerset County, New Jersey, man, Stephen Bradley Mell, pleaded guilty and was sentenced to 84 months in prison for interstate travel to engage in sexual activity with a minor and receipt of images of child sexual abuse. From July 2017 through December 2017, Mell knowingly traveled in interstate for the purpose of engaging in the production of child pornography and sexual acts with a minor who he knew to be less than 17 years of age. One of the encounters took place in midair while Mell was flying a small aircraft that he owned. Mell also admitted knowingly receiving child pornography during the same period.

The NJRCFL assisted in the execution of a search warrant at the suspect's residence. Numerous laboratory examinations were performed on items seized to include computers, DVRs and mobile devices. Chat conversations between the suspect and victim were located on multiple devices.

Pulse Check: Status of FY19 Goals

- ✓ **Increase Staffing:** Two (2) FEs added with three (3) more attending moot court in October 2019.
- ✓ **Promote Outreach and Training by NJRCFL Personnel:** Numerous meetings attended by NJRCFL personnel. Several classes put on by the NJRCFL. One new agency was added.
- ✓ **Maintain Minimal Backlog:** Backlog has remained around five cases in backlog.
- ✓ **Maintain Laboratory Accreditation:** Requirements for lab accreditation have been followed. Annual re-accreditation is underway.
- ✗ **Implement Review Platform:** Currently waiting on movement of Digital Content Analysis Platform (DCAP) in the cloud.
- ✓ **Archival:** Over 3000 case archives have been returned.

✓ Accomplished ↻ In Progress ✗ Not Accomplished

Goals for FY20

- Increase Staffing:** Increase the number of examiner certifications.
- Promote Outreach and Training by NJRCFL Personnel.**
- Maintain Minimal Backlog.**
- Maintain Laboratory Accreditation.**
- Maintain Staffing:** Backfill open ITS-FE positions.
- Archival:** Continue the process of returning all archived evidence to originating agency.

New Mexico RCFL

WWW.RCFL.GOV/NEW-MEXICO



Year Opened: 2011

Laboratory Director: SSA Andrew Young, FBI

Service Area: State of New Mexico

Number of Agencies in Area: 135

Accredited Since: 2014

Progress Report

The RCFL's Progress and Accomplishments for FY19:



1. Exploitation/Enticement

2. Homicide

3. Dangerous Drugs

4. Fraud

5. Assault

**TOP 5
CRIMES**



Participating Agencies:

- ◆ Albuquerque Police Department (APD)
- ◆ Bernalillo County Sheriff's Office (BCSO)
- ◆ FBI—Albuquerque Division
- ◆ Homeland Security Investigations (HSI)
- ◆ New Mexico State Police Department
- ◆ Rio Rancho Police Department
- ◆ U.S. Fish and Wildlife Service, Office of Law Enforcement
- ◆ University of New Mexico

Notable News

U.S. Attorney's Office (USAO) Exceptional Performance Award

HSI Special Agent (SA) Alex Rodriguez

HSI SA Alex Rodriguez (FE) was recognized for his outstanding contributions to the successful investigation and prosecution of Aaron Martin Mercado-Gracia for trafficking heroin, using a firearm in furtherance of trafficking heroin and conspiracy to traffic heroin by thoroughly investigating text messages, photos, GPS coordinates, landmarks and other leads. SA Rodriguez' trial testimony, detailed technical work and preparation of charts identifying Mercado-Gracia's travel made it much easier for the jury to understand the evidence presented. The jury convicted Mercado-Gracia on all counts. Mercado-Gracia was sentenced to a total term of 180 months imprisonment. Because of these actions, SA Rodriguez was recognized by receiving the USAO Exceptional Performance Award.

Detective Jeremy Guilmette

In March 2016, Detective Jeremy Guilmette (FE) assisted the Air Force Office of Special Investigations and the FBI in the investigation of Jesse Furse, an active Air Force Lieutenant. Several hard drives were seized, but no direct child pornography evidence was found. Detective Guilmette identified two encrypted hard drives, which were unable to be decrypted by standard attempts. (Traditional decryption techniques can take years to access a hard drive).

Over the course of eight months, Detective Guilmette poured through over ten million files spread across several hard drives. Using his expert knowledge in the workings of software and encryption, he found two possible recovery keys. (Recovery keys are set up by an encryption user in case they forget their password). Detective Guilmette tried both passwords and was able to discover thousands of videos and images of children being sexually assaulted. This discovery allowed charges to be filed and the subject to be taken into custody by federal law enforcement. Detective Guilmette's actions took the case from an unprosecutable point to an incredibly strong case against the subject.

Detective Guilmette's performance was of the highest caliber and helped ensure a more appropriate punishment for the subject's crime. Because of these actions, Detective Guilmette was recognized by receiving the USAO Exceptional Performance Award.

Pulse Check: Status of FY19 Goals



Maintain Staffing: Filled vacant ITS-FE position and gained FBI Albuquerque front office support to canvass for an Agent On-the-Job Trainee (OJT) to prepare for mandatory retirement of Agent FE.



Accreditation: Maintain requirements for accreditation and prepare for four (4) year re-assessment in 2019 to successfully meet all inspection parameters. Successfully achieved.



Continue to Be a Reliable and Relevant Resource: Provided timely and thorough digital forensic services for the NMRCFL area of responsibility.



Foster New Partnerships: Track progress of request to two (2) largest partnering agencies to return TFOs pulled from NMRCFL in 2017 (BCSO and APD). Successfully achieved.



Facility: Working with FBI Operational Technology Division, Facilities and Logistics Services Division (FLSD) Contractor Mike Webb, local General Services Administration (GSA) representative and Albuquerque security to mitigate items of concern to facilitate lease renewal.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Maintain High Customer Satisfaction: Ensure all negative feedback is discussed with the customer.

Increase Forensic Examiner Certification: Ensure all full-time FETs are certified within 18 months of onboarding. By the end of this fiscal year, TFO Brad Streiff will be certified.

Maintain Staffing: Fill vacant ITS-FE positions.

Maintain and Foster Partnerships.

Maintain Minimal Backlog.

Accreditation: Maintain requirements for accreditation, and complete annual audits and training.

North Texas RCFL

WWW.RCFL.GOV/NORTH-TEXAS



Year Opened: 2000

Laboratory Director: Acting Laboratory Director Thomas Tedder, FBI

Service Area: All of North Texas, including Dallas-Fort Worth

Number of Agencies in Area: 573

Accredited Since: 2004

Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ Dallas Police Department
- ◆ FBI—Dallas Division
- ◆ Frisco Police Department
- ◆ Grand Prairie Police Department
- ◆ Plano Police Department
- ◆ Richardson Police Department



TOP 5 CRIMES

Notable News

Kidnapping

Forensic Examiner (FE) examined several cell phones and provided evidence used against defendant at trial. FE testified at trial on introducing cell phone data used against defendant. Defendant was convicted but will not be sentenced until August 2019. FE received high praise for his work on case.

Christopher Gonzalez Home Invasion

FE testified on May 1, 2019, to introduce digital evidence showing evidence of subjects within victim's residence. Special Agent Forensic Examiner (SAFE) testified at trial on both subjects introducing significant evidence used against defendants and commended by Dallas District Attorney's Office.

Wesley Mathews Capital Murder

FE testified at trial on June 24, 2019, to introduce digital evidence and timeline showing movements of subject during the time girl was placed in culvert. Individual took last minute plea deal in death of daughter and received life sentence without parole. SAFE Thomas Tedder testified at sentencing and was commended by Dallas County District Attorney's Office.



Pulse Check: Status of FY19 Goals



Accreditation: Achieve Accreditation under ANAB. Successfully achieved.



Maintain Staffing: Continuing to replace retiring and departing examiners.



Support Partnerships: Work with the United States Attorney's Office to better service their needs. Continuing this effort.



Customer Satisfaction: Work with customers to achieve increased customer focus. Successfully achieved.



Accomplished



In Progress



Not Accomplished

Goals for FY20

New Facility: Complete move to new NTRCFL facility by end of fiscal year.

Maintain Staffing: Replace retiring and departing examiners.

Customer Satisfaction: Work with customers to achieve increased customer focus.

Support Partnerships: Work with the Assistant United States Attorney's and District Attorney's Offices to better meet their needs.

Northwest RCFL

WWW.RCFL.GOV/NORTHWEST



Year Opened: 2005

Laboratory Director: Acting Laboratory Director SA Colt Chester, FBI (during FY19 SSA Jennifer Burnett, FBI)

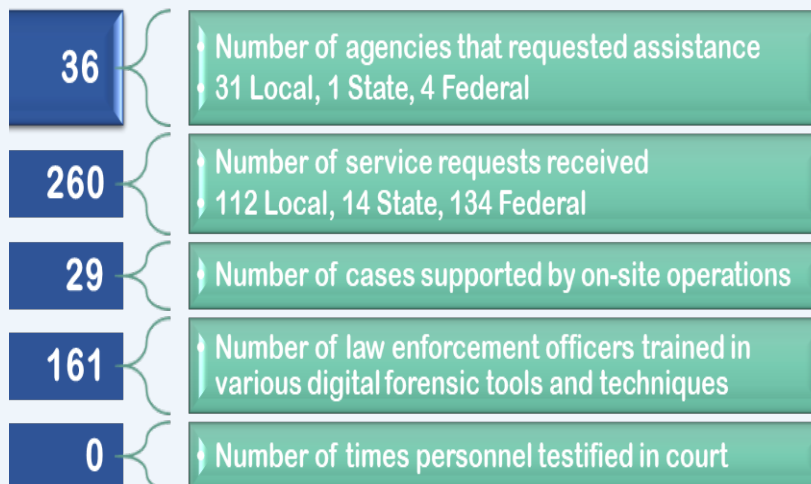
Service Area: Oregon and Southwest Washington

Number of Agencies in Area: 109

Accredited Since: 2008

Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ FBI—Portland Division
- ◆ Gresham Police Department
- ◆ Hillsboro Police Department
- ◆ Multnomah County Department of Community Justice
- ◆ Oregon State Police
- ◆ Portland Police Bureau



**TOP 5
CRIMES**

Notable News

Human Trafficking

A former restaurant owner, who engaged in fraudulently obtaining visas to bring cooks from Thailand to work for him and compelling them to work long hours with minimal pay, pleaded guilty to forced labor, conspiracy to commit visa fraud and making and subscribing a false federal income tax return in 2013. He was sentenced to three years and one month in federal prison and agreed to pay a total restitution of \$250,000+ to four victims and the IRS. The NWRCFL processed numerous items of digital evidence for review which was instrumental in the successful outcome of the case.

Assault and Reckless Endangerment

Subject, while drunk, severely beat his wife who called her sister-in-law during the attack. The sister-in-law heard what was happening and did not get a response. The sister-in-law turned on the speaker on the phone and recorded the victim over a speaker with her phone. During this time, the subject kidnapped their children. Senior FE Justin Lazenby was asked to enhance the audio captured on the sister-in-law's phone, which he did successfully.


Production of Child Pornography


Subject was communicating with two minors using TikTok, encouraging them to send him sexually explicit photos as instructed. A relative of the two victims later discovered the communications and reported it to law enforcement. Ramon was arrested and sentenced to 180 months. He spent most of his adult life in education and family services.


Sex Crimes Against Minors


Subject, a Yamhill County photographer, was a serial sexual predator who took nude photos of models and sexually assaulted many models. He had engaged in these acts since 1994, until his arrest in November 2018. Subject has hundreds of terabytes of media containing victims' photos. Subject plead guilty and received 25 years.

Pulse Check: Status of FY19 Goals

 **Increase Participation:** In the process of bringing an additional participating agency on board by the end of the fourth quarter.

 **Accreditation:** Attained ANAB accreditation by the end of the first quarter.

 **Improve Efficiency and Effectiveness:** Establish DCAP 1.0 connection to facilitate evidence review for one participating agency by the third quarter.

 **Increase Training:** Increased training for local, state and federal law enforcement partners by 10 percent from FY18.

 Accomplished  In Progress  Not Accomplished

Goals for FY20

Increase Participation: Bring one additional participating agency on board by the end of the fourth quarter.

Increase Training: Increase liaison and training at the NWRCFL or other off sites.

Improve Efficiency and Effectiveness: Complete the existing process to establish DCAP connection to facilitate evidence review for Gresham Police Department.

Promote Outreach and Training: Liaison with and promote community outreach and travel to the NWRCFL's area of responsibility to increase awareness to local and state potential partners. Provide training and exposure to areas who otherwise would have no contact with the FBI and NWRCFL.

Orange County RCFL

WWW.RCFL.GOV/ORANGE-COUNTY



Year Opened: 2011

Laboratory Director: SSA Stephen E. Crist, FBI

Service Area: Central District of California

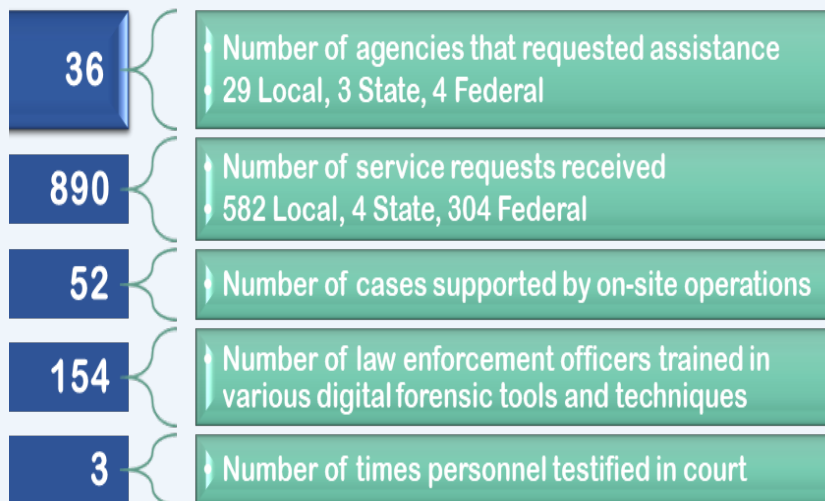
Number of Agencies in Area: 252

Accredited Since: 2013



Progress Report

The RCFL's Progress and Accomplishments for FY19:



1. Homicide

2. Fraud

3. Sex Assault

4. Exploitation/Enticement

5. Crimes Against Person, Dangerous Drugs (2-way tie)

**TOP 5
CRIMES**

Participating Agencies:

- ◆ Anaheim Police Department
- ◆ Bureau of Alcohol, Tobacco, Firearms and Explosives
- ◆ FBI—Los Angeles Division
- ◆ Fontana Police Department
- ◆ Irvine Police Department
- ◆ Los Angeles County Sheriff's Department
- ◆ Los Angeles Police Department
- ◆ Murrieta Police Department
- ◆ Newport Beach Police Department
- ◆ Ontario Police Department
- ◆ Orange County District Attorney's Office
- ◆ Orange County Sheriff's Office
- ◆ Riverside County District Attorney's Office
- ◆ Riverside Police Department
- ◆ San Bernardino District Attorney's Office
- ◆ Santa Ana Police Department

Notable News

Los Angeles City Water Works

OCRCFL assisted with a field search at the Los Angeles City Water Works related to a public corruption investigation. Examiners assisted in imaging several desktops and a server.

Murder Of LAPD Police Officer

OCRCFL assisted in unlocking two mobile devices seized during the arrest of three individuals believed to be responsible for the murder of off-duty Los Angeles Police Department (LAPD) Police Officer Juan Diaz. One device was successfully unlocked, and the other is currently still processing.



College Voucher Fraud Scheme

OCRCFL provided search assistance related to a college voucher fraud scheme. Colleges believed to have falsified student records and student signatures for services never rendered by the school. Losses believed to be in excess of \$1,000,000 related to services never rendered by the two universities.

Defense Contractor Removes Files

Defense Contractor David Wen removed files via a flash drive from the systems of a cleared defense contractor computer. Subject placed files on his personal laptop and transported these files to a rival company. OCRCFL personnel assisted in imaging the flash drive and the laptop used by the subject.

Pulse Check: Status of FY19 Goals



Increase Participation: In process of bringing an additional participating agency on board by the end of the third quarter.



State and Local Training: Provide regular training to state and local officers in digital evidence seizure. Successfully achieved.



Outreach: Conduct public outreach events to educate the law enforcement community on the responsibilities and capabilities of the laboratory. Successfully achieved.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Education: To educate the Orange County Court system in digital evidence seizure and examination.

State and Local Training: To provide regular training to state and local officers in digital evidence seizure.

Outreach: To conduct public outreach events to educate the law enforcement community on the responsibilities and capabilities of the laboratory.

Philadelphia RCFL

WWW.RCFL.GOV/PHILADELPHIA



Year Opened: 2006

Laboratory Director: SSA John K. Martinelli, FBI

Service Area: Philadelphia and Eastern Pennsylvania

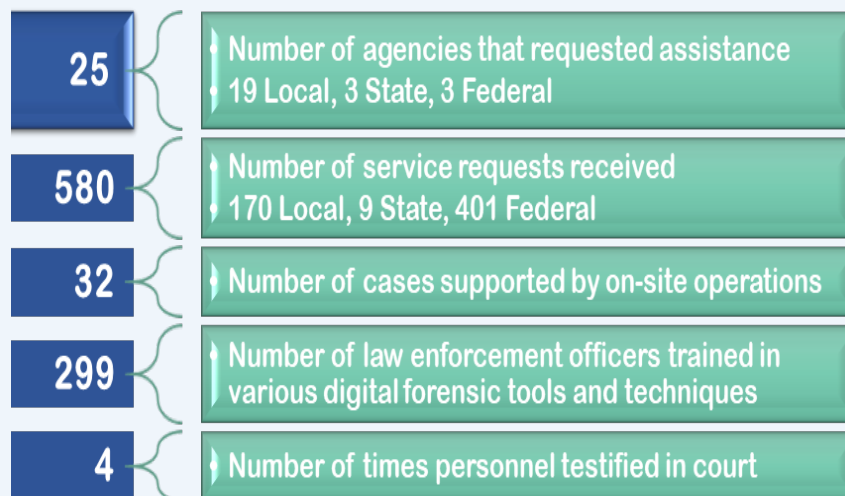
Number of Agencies in Area: 500

Accredited Since: 2009



Progress Report

The RCFL's Progress and Accomplishments for FY19:



1. Homicide

2. Exploitation/Enticement

3. Assault

4. Dangerous Drugs

5. Robbery

**TOP 5
CRIMES**

Participating Agencies:

- ◆ Bucks County District Attorney's Office
- ◆ Chester County District Attorney's Office
- ◆ Delaware County District Attorney's Office
- ◆ FBI—Philadelphia Division
- ◆ Montgomery County District Attorney's Office
- ◆ Pennsylvania Office of the Attorney General (NEW)
- ◆ Philadelphia Police Department

Notable News

Welcome:



Pennsylvania Office of the Attorney General

Fraternity Pledge Hazing Death

In the nationally reported investigation of the death of a fraternity pledge during a drinking and hazing event at a fraternity house at Pennsylvania State University, the State College and Pennsylvania Police Department encountered multiple issues in attempting to recover and review video surveillance tapes from the security systems at the fraternity house. After discussions with the PHRCFL, the State College Pennsylvania Resident Agency received and delivered both security Digital Video Recorder (DVR) systems to the RCFL. One DVR system initially functioned properly for the State College Police Department investigators, but then froze and could not be turned on or reviewed. The second DVR system had been manipulated by one of the individual defendants as observed by the investigating officers, and multiple days and video images had been deleted. A PHRCFL DIVRT Field Instructor Program (FiP) examiner was assigned the case and was able to recover over 2TB of deleted surveillance video from the second 16-camera DVR system. The case has been taken over by the Attorney General for the State of Pennsylvania and is proceeding to trial. To date, the case has resulted in two (2) guilty verdicts and several defendants pleading guilty as well.

Gang Crimes

Examination of mobile devices and testimony assisted in the conviction of a shooter for the Original Block Hustluz (OBH) violent drug trafficking gang for drugs, weapons and murder charges in the Eastern District of Pennsylvania.

Pulse Check: Status of FY19 Goals



Complete All Cases with No Backlog:

Cases have been completed within 30 to 45 days unless under Case Agent review or other circumstances prevent the completion. Successfully achieved.



Enhance Staffing:

Filled vacant FBI ITS-FE or FET positions at the PHRCFL. Successfully achieved.



Training:

Continued to provide training support by offering classes at the PHRCFL and at off-site locations for PHRCFL participating agencies in FY19. Successfully achieved.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Complete All Casework with No Backlog:

Cases will be completed within 30 to 45 days unless under Case Agent review or other circumstances prevent the completion.

Maintain Staffing: Replace vacant TFO position for Delaware County District Attorney's Office Agency Partner.

Training: Continue to provide training for the Philadelphia Division and Agency Partners in DIVRT, cellphone exploitation and other subject matter areas.

Rocky Mountain RCFL

WWW.RCFL.GOV/ROCKY-MOUNTAIN



Year Opened: 2006

Laboratory Director: Captain Glenn D. Peitzmeier, Douglas County Sheriff's Office

Service Area: Colorado and Wyoming

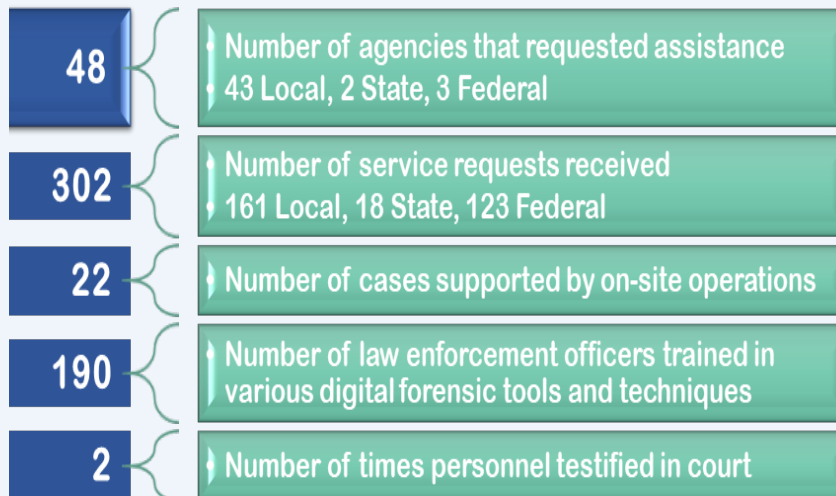
Number of Agencies in Area: 269

Accredited Since: 2008



Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ Adams County Sheriff's Office
- ◆ Colorado Bureau of Investigation
- ◆ Denver Police Department
- ◆ Douglas County Sheriff's Office
- ◆ FBI—Denver Division
- ◆ Jefferson County Sheriff's Office
- ◆ Littleton Police Department



TOP 5 CRIMES

Notable News

Possession of Child Pornography

The RMRCFL conducted an examination of cell phones and thumb drives belonging to Wesley Gilreath, who had been posting “hunting guides” online targeting Jews, Muslims and other groups. During the investigation, over 24,000 images and videos depicting child pornography were located. Gilreath pleaded guilty and was sentenced to 15.5 years in federal prison, followed by 10 years of supervised release for possession of child pornography.

Suicide Ends Manhunt

In April 2019, RMRCFL assisted the FBI with the examination of several pieces of digital evidence belonging to Sol Pais. Pais had an infatuation with the Columbine High School shooters and posted online about coming to Colorado on the 20th anniversary of the shooting and attempt a school shooting. She traveled from Florida to Denver, where she purchased a shotgun and took an Uber to the foothills west of Denver. She was found dead from a self-inflicted gunshot wound.

Production of Child Pornography

The RMRCFL assisted the FBI with the search and examination of digital evidence related with the transportation of child pornography. Dr. Justin Neisler was a pediatrician at a Denver medical center and secretly recorded himself conducting examinations on young male patients and posting them online on Tumblr. Dr. Neisler was sentenced to 23 years in federal prison for producing child pornography.

Pulse Check: Status of FY19 Goals

Promote Outreach and Training:

Continuing to promote outreach and training to agencies served by the RMRCFL.



Maintain Low Backlog: Maintained a 10 percent or lower backlog during FY19. Successfully achieved.



Increase Participation: Brought on board one additional FE during FY19. Successfully achieved.



Select and Transition to a New Laboratory Director: Successfully achieved.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Promote Outreach and Training: To agencies served by the RMRCFL.

Maintain Low Backlog: Maintain a 10 percent or lower backlog during FY20.

Increase Participation: Bring one additional FE on board during FY20.

Training: Host additional vendor led training, such as Black Bag, Cellebrite, Berla, and others.

San Diego RCFL

WWW.RCFL.GOV/SAN-DIEGO



Year Opened: 1999

Laboratory Director: SSA Hans Frank, FBI

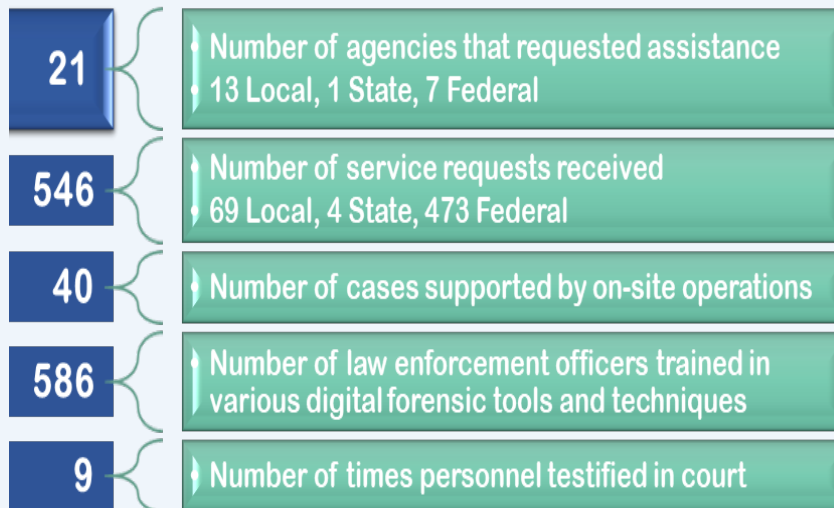
Service Area: San Diego and Imperial Counties

Number of Agencies in Area: 80

Accredited Since: 2008

Progress Report

The RCFL's Progress and Accomplishments for FY19:



TOP 5 CRIMES



Participating Agencies:

- ◆ California Highway Patrol
- ◆ Carlsbad Police Department
- ◆ Chula Vista Police Department
- ◆ Coronado Police Department
- ◆ El Cajon Police Department
- ◆ Escondido Police Department
- ◆ FBI—San Diego Division
- ◆ La Mesa Police Department
- ◆ National City Police Department
- ◆ Naval Criminal Investigative Service
- ◆ San Diego County District Attorney's Office
- ◆ San Diego Harbor Police Department
- ◆ San Diego Police Department
- ◆ San Diego Sheriff's Department
- ◆ U.S. Attorney's Office Southern District of California

Notable News

Modeling Photographer Child Molester

A modeling photographer pleaded guilty to sex crimes against teenagers. The subject sexually assaulted victims using drugs, alcohol and his position as a photographer. The RCFL reviewed several pieces of evidence including two phones that were extracted using advanced forensic tools.

\$5 Million Fraud Scheme

A massive fraud scheme has led to the charge of 21 people for defrauding banks and other institutions out of five million dollars. The subjects purchased vehicles from each other and then resold them. Those who paid off the cars reported that their bank accounts were being used fraudulently and received funds back from their bank. The RCFL is currently processing numerous devices from each subject charged in this investigation.

Production of Child Pornography

Alexander Wolfing plead to one count of child pornography production. He was sentenced to 16.5 years in prison. Mr. Wolfing's computers were Linux based and encrypted. The RCFL examiners spent an entire night on scene, in shifts, attempting to download as much evidence as possible. Eventually, examiners used the hot plug technique to transport the computers (powered on) back to the RCFL for further processing, utilizing the CART mobile van.

Enticement of Minors

Subjects were sentenced to 10 years in prison for attempted enticement of minors to engage in prostitution. Subjects engaged an undercover officer online, whom they believed to be a minor, and attempted to entice the officer's persona into prostitution. The RCFL utilized a Law Enforcement Sensitive (LES) technique to extract the subject's phone for evidence.

Pulse Check: Status of FY19 Goals



Certification: Certified additional examiners to better support member agencies.



Productivity: Continued to maintain the forensic services of the laboratory, timeliness and productivity of the forensic examination process.



Training: Further develop the SDRCL as an instructional center for computer forensics and law enforcement training facility.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Productivity: Continue to maintain the forensic services of the laboratory, timeliness and productivity of the forensic examination process.

Training: Further develop the SDRCL as an instructional center for computer forensics and law enforcement training facility.

Certification: Certify additional examiners to better support member agencies.

Silicon Valley RCFL

WWW.RCFL.GOV/SILICON-VALLEY



Year Opened: 2005

Laboratory Director: SSA Sherman Kwok, FBI

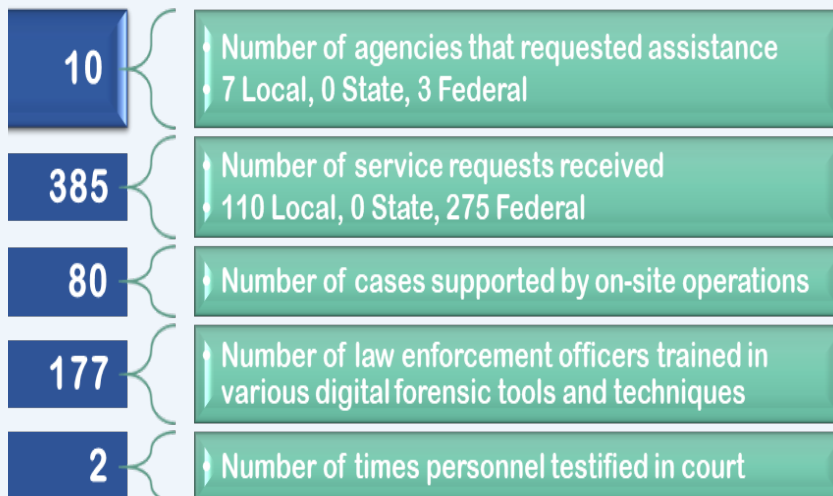
Service Area: Northern District of California

Number of Agencies in Area: 125

Accredited Since: 2006

Progress Report

The RCFL's Progress and Accomplishments for FY19:



TOP 5 CRIMES

Participating Agencies:

- ◆ Alameda County Sheriff's Office
- ◆ FBI—San Francisco Division
- ◆ Fremont Police Department
- ◆ Newark Police Department
- ◆ San Francisco Police Department
- ◆ Santa Clara Police Department
- ◆ U.S. Postal Inspection Service (left SVRCFL in May 2019)

Notable News

DC Solar Case

The SVRCFL assisted with the search warrant execution and unlocking of multiple phones related to the DC Solar Solutions investigation. Approximately \$48 million in bank accounts and cash were seized by investigators.


Rogue Referrals Case


The SVRCFL assisted in searches and examinations of phones, computers and iCloud returns for over 20 subjects spanning 19 service requests in a large healthcare fraud investigation.


Hells Furnace Case


The SVRCFL assisted in an extensive search warrant execution and subsequent examination support of the Hells Angels Motorcycle Club. Members of the club were charged with Racketeer Influenced and Corrupt Organizations Act (RICO) and conspiracy to murder. Search warrant operations included 14 search locations yielding 65 mobile devices, 108 pieces of removable media, 15 external hard drives consisting of over 16TB of storage and nine (9) laptops and computers consisting of over 7TB of storage. By the end of FY19, the SVRCFL had completed all imaging, processing, reviewing and discovery of all items.


Pulse Check: Status of FY19 Goals

 **Reduce Backlog:** The SVRCFL has put forth several strategies to reduce backlog including refining intake procedures, reducing the amount of data imaged and updating cell phone unlocking criteria.

 **Implement New Case Management System:** Be ready to deploy new Digital Evidence Management System (DEMS) and convert the SVRCFL from paper files to digital case files. The deployment of the case management system was delayed but is expected in FY20.

 **Community Outreach:** The SVRCFL provided several classes at the RCFL and continued outreach and recruiting efforts during FY19.

 **Enhance Lab Capabilities:** The SVRCFL has enhanced its audio and video, ELSUR and UNIX capabilities during the fiscal year.

 **Maintain ANAB Accreditation.**
Successfully achieved.

 Accomplished  In Progress  Not Accomplished

Goals for FY20

Reduce Backlog: Continue to reduce backlog by reducing the number of unaddressed cases and the time between when a case is submitted and when a case is first addressed by an examiner.

Maintain Current Staffing Level.

Community Outreach: Continue to outreach to other federal, state and local law enforcement agencies to provide assistance, training and recruit new participating agencies.

Maintain ANAB Accreditation.

Tennessee Valley RCFL

WWW.RCFL.GOV/TENNESSEE-VALLEY



Year Opened: 2018

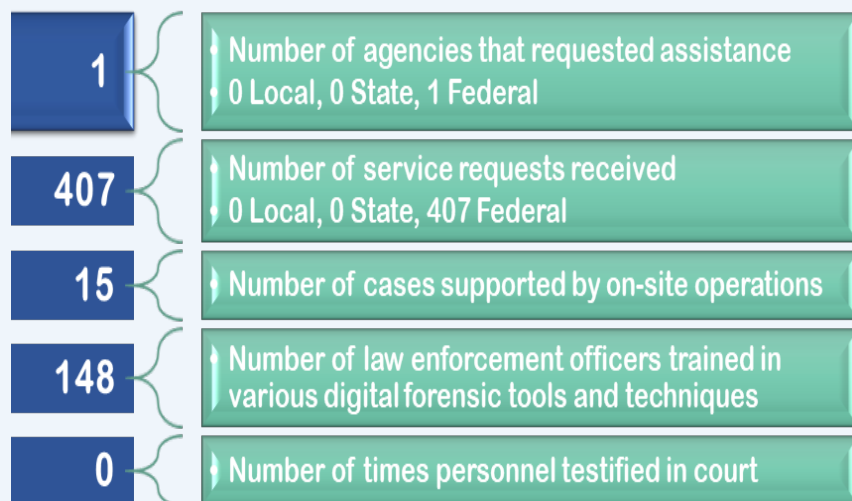
Laboratory Director: SSA Deen Abbott, FBI

Service Area: Alabama and Southern Tennessee

Number of Agencies in Area: 213

Progress Report

The RCFL's Progress and Accomplishments for FY19:



1. No data provided

2. No data provided

3. No data provided

4. No data provided

5. No data provided

**TOP 5
CRIMES**



Participating Agencies:

- ◆ Alabama Counterdrug Program—National Guard
- ◆ City of Madison Police Department (NEW)
- ◆ Etowah County Sheriff's Office
- ◆ FBI—Huntsville Division
- ◆ Homeland Security Investigations (NEW)
- ◆ Huntsville Police Department
- ◆ Madison County Sheriff's Office
- ◆ Naval Criminal Investigative Service
- ◆ The U.S. Attorney's Office Northern District of Alabama

Notable News

Welcome



City of Madison Police Department



Child Exploitation

In June 2019, the TVRCFL assisted the Huntsville Police Department with the examination of a laptop suspected of containing CSAM. A 12-year old victim's mother had discovered videos of her boyfriend exploiting the victim on the boyfriend's laptop. The TVRCFL conducted a RAM capture, and subsequent digital forensics examination identified link files from the laptop to multiple thumb drives. Huntsville Police used that information in obtaining search warrants, which resulted in the seizure of four thumb drives containing videos of exploitation of the victim as well as internet child pornography.

Material Support of Terrorism

In January 2019, a Birmingham subject was identified as being in extensive ongoing contact with foreign ISIS operatives, using his home and school computers as well as a cell phone using Telegram, Whatsapp, and Skype. The TVRCFL assisted in an on-scene search and subsequent forensic examination of multiple devices. The digital forensics work identified additional subjects and led to the conviction of the subject on State of Alabama Material Support to a Foreign Terrorist Organization charges.

Health Care Fraud

On May 6, 2019, ten subjects were charged in a 103 count indictment, including a nurse practitioner, pharmacists, managers, and sales representatives, of Haleyville, Alabama. Global Compounding Pharmacy was charged with fraudulently billing health care insurers and prescription drug administrators for over \$200 million in drugs. The TVRCFL accepted 26 separate service requests from investigators on the case covering examinations of 49 devices from Alabama, Florida, and Mississippi.

Pulse Check: Status of FY19 Goals



Increase Number of Certified Examiners and Complete Certification for Existing FETs: A TFO completed certification, while several other FETs completed coursework toward CART certification.



Increase Remote Reviewing Capabilities for Participating Agencies: A DCAP 1.0 System was installed at the TVRCFL, and as of the end of the fiscal year, the TVRCFL was working with participating agency Information Technology (IT) departments to establish connections to the system.



Prepare for ANAB Accreditation: The TVRCFL Quality Manager oversaw the preparations for the upcoming laboratory accreditation.



Increase Number of Examiners and Participating Agencies: During FY19, the Huntsville Police Department was able to provide a second examiner to the TVRCFL.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Training: Increase training.

Decrease Backlog.

Quality Assurance: Formalize local quality documents.

Western New York RCFL

WWW.RCFL.GOV/WESTERN-NEW-YORK



Year Opened: 2006

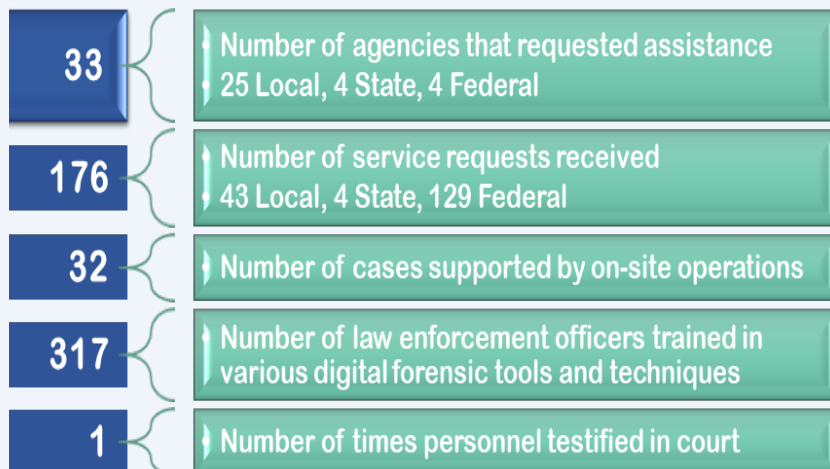
Laboratory Director: Acting Director Christopher Decker, FBI

Service Area: 17 Counties in Western New York

Number of Agencies in Area: 137

Progress Report

The RCFL's Progress and Accomplishments for FY19:



Participating Agencies:

- ◆ Buffalo Police Department
- ◆ Erie County Sheriff's Office
- ◆ FBI—Buffalo Division
- ◆ Monroe County Department of Public Safety
- ◆ Niagara County Sheriff's Office



**TOP 5
CRIMES**

Notable News

Possession of Child Pornography

Andrew Campbell had been videotaping underage teenage girls for over 20 years. Campbell videotaped teenage girls as they were showering or getting dressed. The case was originally opened by the Orleans County Sheriff's Department (OCSD), but upon evidence obtained following ITS-FE Tim Smith's examination, the OCSD referred the case to the FBI. Campbell was sentenced to 6.5 years in Federal prison and 5 years of supervised release.

Accolades for ITS-FE Mike Davis

ITS-FE Mike Davis assisted VC-1 (VCAC) on a Federal Search Warrant. ITS-FE Mike Davis found a micro-SD card, previewed the card on-site and found the evidence to link the suspect to the crime. As a result of ITS-FE Davis's efforts, the case agent was able to immediately utilize the evidence during a custodial interview. The evidence discovered also allowed the Agents to conduct a PC arrest on scene. The case agent personally acknowledged ITS-FE Davis for his efforts during the search warrant execution.

Criminal Possession of Weapon

Individuals were planning an attack using weapons and improvised explosive devices against unwitting residences in the town of Islamborg, New York. Four suspects plead guilty in 2019, two of which have been sentenced from four to twelve years. The other two were sentenced to seven years in prison.

Pulse Check: Status of FY19 Goals



Expand Service Offerings: A RCFL TFO has completed the required Linux coursework.



Enhance Training: The WNYRCFL accomplished its goal of providing digital evidence collection training and trained 317 law enforcement personnel during FY19.



Enhance Capabilities: The laboratory expanded its vehicle and cell phone unlocking forensic services during FY19.



Accomplished



In Progress



Not Accomplished

Goals for FY20

Appoint a New Laboratory Director.

Certify Examiners: Continue certification process for new examiners.

Training: Continue to provide training.

Maintain Satellite Office.



Acknowledgements

Each success the RCFL Program achieves is due to the hard work and dedication of its state, local and federal partners, as well as our partnership with the Department of Justice Assets Forfeiture Program (AFF).

We are sincerely grateful for our **131** participating agencies nationwide, including the following:

Alabama

Tennessee Valley RCFL

- ◆ Alabama Counterdrug Program—National Guard
- ◆ City of Madison Police Department 
- ◆ Etowah County Sheriff's Office
- ◆ FBI—Huntsville Division
- ◆ Homeland Security Investigations 
- ◆ Huntsville Police Department
- ◆ Madison County Sheriff's Office
- ◆ Naval Criminal Investigative Service
- ◆ The U.S. Attorney's Office Northern District of Alabama

California

Orange County RCFL

- ◆ Anaheim Police Department
- ◆ Bureau of Alcohol, Tobacco, Firearms and Explosives
- ◆ FBI—Los Angeles Division
- ◆ Fontana Police Department
- ◆ Irvine Police Department
- ◆ Los Angeles County Sheriff's Department
- ◆ Los Angeles Police Department
- ◆ Murrieta Police Department

- ◆ Newport Beach Police Department
- ◆ Ontario Police Department
- ◆ Orange County District Attorney's Office
- ◆ Orange County Sheriff's Office
- ◆ Riverside County District Attorney's Office
- ◆ Riverside Police Department
- ◆ San Bernardino District Attorney's Office
- ◆ Santa Ana Police Department

San Diego RCFL

- ◆ California Highway Patrol
- ◆ Carlsbad Police Department
- ◆ Chula Vista Police Department
- ◆ Coronado Police Department
- ◆ El Cajon Police Department
- ◆ Escondido Police Department
- ◆ FBI—San Diego Division
- ◆ La Mesa Police Department
- ◆ National City Police Department
- ◆ Naval Criminal Investigative Service
- ◆ San Diego County District Attorney's Office
- ◆ San Diego Harbor Police Department
- ◆ San Diego Police Department
- ◆ San Diego Sheriff's Department
- ◆ U.S. Attorney's Office—Southern District of California

Silicon Valley RCFL

- ◆ Alameda County Sheriff's Office
- ◆ FBI—San Francisco Division
- ◆ Fremont Police Department
- ◆ Newark Police Department
- ◆ San Francisco Police Department
- ◆ Santa Clara Police Department
- ◆ U.S. Postal Inspection Service (left SVRCFL in May 2019)

Colorado

Rocky Mountain RCFL

- ◆ Adams County Sheriff's Office
- ◆ Colorado Bureau of Investigation
- ◆ Denver Police Department
- ◆ Douglas County Sheriff's Office
- ◆ FBI—Denver Division
- ◆ Jefferson County Sheriff's Office
- ◆ Littleton Police Department

Idaho

Intermountain West RCFL

- ◆ Ada County, Idaho, Sheriff's Office
- ◆ Boise City, Idaho, Police Department

Illinois

Chicago RCFL

- ◆ Berwyn Police Department
- ◆ Carol Stream Police Department
- ◆ Chicago Police Department

- ◆ Cook County Sheriff's Office
- ◆ Cook County State's Attorney's Office
- ◆ FBI—Chicago Division
- ◆ Joliet Police Department
- ◆ Lombard Police Department
- ◆ Naperville Police Department
- ◆ Oak Park Police Department
- ◆ Romeoville Police Department
- ◆ U.S. Customs and Border Protection
- ◆ Will County Sheriff's Office

Kansas

Heart of America RCFL

- ◆ Kansas Bureau of Investigation
- ◆ Kansas City Police Department
- ◆ Lawrence Police Department
- ◆ Olathe Police Department
- ◆ Overland Park Police Department
- ◆ Shawnee County Sheriff's Office
- ◆ U.S. Attorney's Office—District of Kansas

Kentucky

Kentucky RCFL

- ◆ FBI—Louisville Division
- ◆ Jefferson County Sheriff's Office
- ◆ Kentucky State Police
- ◆ Louisville Metro Police Department
- ◆ University of Louisville

Massachusetts

New England RCFL

- ◆ Boston Police Department **NEW**
- ◆ Brookline Police Department **NEW**
- ◆ Bureau of Alcohol, Tobacco, Firearms and Explosives **NEW**
- ◆ FBI—Boston Division **NEW**
- ◆ Framingham Police Department **NEW**
- ◆ Massachusetts State Police **NEW**
- ◆ Middlesex Sheriff's Office **NEW**

Missouri

Heart of America RCFL

- ◆ Clay County Sheriff's Office
- ◆ FBI—Kansas City Division
- ◆ Gladstone Police Department
- ◆ Independence Police Department
- ◆ Kansas City Police Department
- ◆ Lee's Summit Police Department
- ◆ North Kansas City Police Department
- ◆ Platte County Sheriff's Office
- ◆ U.S. Attorney's Office—Western District of Missouri

Montana

Intermountain West RCFL

- ◆ Billings Police Department

New Jersey

New Jersey RCFL

- ◆ Essex County Prosecutor's Office
- ◆ FBI—Newark Division
- ◆ Hudson County Prosecutor's Office **NEW**
- ◆ Mercer County Prosecutor's Office
- ◆ Monmouth County Prosecutor's Office
- ◆ New Jersey Division of Criminal Justice
- ◆ New Jersey Office of the Attorney General
- ◆ New Jersey State Police

New Mexico

New Mexico RCFL

- ◆ Albuquerque Police Department
- ◆ Bernalillo County Sheriff's Office
- ◆ FBI—Albuquerque Division
- ◆ Homeland Security Investigations (HSI)
- ◆ New Mexico State Police Department
- ◆ Rio Rancho Police Department
- ◆ U.S. Fish and Wildlife Service, Office of Law Enforcement
- ◆ University of New Mexico

New York

Western New York RCFL

- ◆ Buffalo Police Department
- ◆ Erie County Sheriff's Office
- ◆ FBI—Buffalo Division

- ◆ Monroe County Department of Public Safety
- ◆ Niagara County Sheriff's Office


Oregon

Northwest RCFL

- ◆ FBI—Portland Division
- ◆ Gresham Police Department
- ◆ Hillsboro Police Department
- ◆ Multnomah County Department of Community Justice
- ◆ Oregon State Police
- ◆ Portland Police Bureau

Pennsylvania

Philadelphia RCFL

- ◆ Bucks County District Attorney's Office
- ◆ Chester County District Attorney's Office
- ◆ Delaware County District Attorney's Office
- ◆ FBI—Philadelphia Division
- ◆ Montgomery County District Attorney's Office
- ◆ Pennsylvania Office of the Attorney General 
- ◆ Philadelphia Police Department

Texas

Greater Houston RCFL

- ◆ FBI—Houston Division
- ◆ Fort Bend County Sheriff's Office
- ◆ Harris County Sheriff's Office
- ◆ Texas Department of Public Safety

North Texas RCFL

- ◆ Dallas Police Department
- ◆ FBI—Dallas Division
- ◆ Frisco Police Department
- ◆ Grand Prairie Police Department
- ◆ Plano Police Department
- ◆ Richardson Police Department

Utah

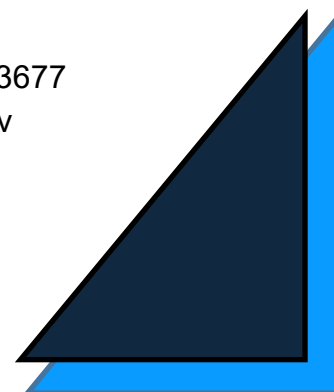
Intermountain West RCFL

- ◆ Davis County Sheriff's Office
- ◆ FBI—Salt Lake City Division
- ◆ Salt Lake City Police Department
- ◆ Sandy City Police Department
- ◆ Utah Attorney General's Office
- ◆ Utah Department of Public Safety

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