



FISCAL YEAR

2012

Regional Computer Forensics Laboratory Program
ANNUAL REPORT



TABLE OF CONTENTS

Foreword	iii
PART I—PROGRAM OVERVIEW	iv
Section 1: Introduction.....	1
Services.....	1
Oversight.....	1
Participation	2
Section 2: FY12 Program Accomplishments.....	5
Sixteenth Laboratory Opened.....	5
Strong Laboratory Performance	7
More Services, Greater Efficiencies.....	7
Casework	7
Section 3: Funding and Partnerships	15
PART 2—RCFL PROFILES	18
Chicago RCFL.....	20
Greater Houston RCFL	22
Heart of America RCFL.....	24
Intermountain West RCFL	26
Kentucky RCFL	28
Miami Valley RCFL.....	30
New Jersey RCFL	32
New Mexico RCFL.....	34
North Texas RCFL	36
Northwest RCFL.....	38
Orange County RCFL	40
Philadelphia RCFL	42
Rocky Mountain RCFL.....	44
San Diego RCFL	46
Silicon Valley RCFL	48
Western New York RCFL.....	50
ACKNOWLEDGEMENTS.....	52

FOREWORD



It's been another productive year for the Regional Computer Forensics Laboratory (RCFL) Program—our 13th year operating as a network of laboratories. This report documents our activities and accomplishments for fiscal year 2012 (FY12).

Some noteworthy highlights for FY12 included—

- ▶ The opening of the last of the funded, planned RCFLs in Albuquerque, New Mexico
- ▶ The strong operational performance across the board in individual RCFLs, thanks to the dedicated efforts of personnel from 132 agencies who, day after day, keep all the plates spinning
- ▶ The popularity of the self-service kiosks for cellular telephones and loose media. They were used to review more than 13,000 devices this year
- ▶ The positive feedback from our fourth live webinar, which attracted 2,500 participants from around the country and the globe.

We are particularly proud of the depth and breadth of the services that our laboratories provide and how, year after year, these services expand and evolve to meet the growing needs of the law enforcement customers we serve. Working with our partner teams from the FBI and with our participating agencies, we strive to improve by introducing new technologies, automating processes, and improving efficiency.

It is through this lens—one of expertise, innovation, and partnerships—that we present our accomplishments for this year.

Shelia Teague, Unit Chief
RCFL National Program Office

PART I OVERVIEW

SECTION 1: Introduction	1
Services	1
Oversight	1
Participation	2
SECTION 2: FY12 Program	
Accomplishments	5
Sixteenth Laboratory Opened	5
Strong Laboratory Performance	7
More Services, Greater Efficiencies	7
Casework	7
SECTION 3: Funding	
and Partnerships	15

INTRODUCTION

This document highlights the Regional Computer Forensic Laboratory (RCFL) Program's accomplishments in fiscal year 2012 (FY12), which covers the period October 1, 2011, to September 30, 2012.

An RCFL is a full-service digital forensics laboratory and training center devoted entirely to the impartial analysis of digital evidence in support of criminal or national security investigations. It is a cooperative arrangement between the Federal Bureau of Investigation (FBI) and other law enforcement agencies of federal, state, and local governments operating within a limited and specific geographic area. There are 16 RCFLs in the National Program.

SERVICES

RCFL services include—

- ▶ Pre-seizure consultation and onsite seizure collection
- ▶ Duplication, storage, and preservation of computers and computer-related evidence
- ▶ Prompt, accurate, and impartial forensic examinations of digitally stored media
- ▶ Consultation on digital forensic matters
- ▶ Courtroom testimony.

Highly trained examiners can address most types of digital evidence, including computers, cellular telephones, tablets, Global Position System (GPS) devices, and loose media. Several laboratories also have video and audio capabilities.

Work is performed at the highest level of quality. Thirteen RCFLs are accredited by the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB), either in its Legacy Program or

in the ASCLD/LAB-International Program using the newer International Organization for Standardization (ISO) certification process.

OVERSIGHT

Each RCFL is overseen by two entities:

- ▶ The **RCFL National Program Office (NPO)**, an FBI component established in 2002 to manage and oversee the national program. It administers the program funding, provides the equipment, and supports the communications, training, facilities, and information technology needs of the RCFLs. The NPO also provides leadership and administrative support to help ensure consistency and coordination across the network of laboratories.
- ▶ A **Local Executive Board (LEB)**, comprising executives from the law enforcement agencies that participate in a specific RCFL. Participating agencies have one or more of their personnel working at an RCFL. Members of this board advise on the operations and oversight of an RCFL.

“Work is performed at the highest level of quality.”

“RCFLs represent the very best in 21st Century policing. This is a critical resource. We are much better as a law enforcement community as a result of everything the RCFL does each and every day.”

—David L. Maggard Jr., Chief of Police, City of Irvine, CA (Participating agency at the OCR CFL)

PARTICIPATION

Partnering is at the heart of the RCFL Program and the key to its success. Personnel from 132 different federal, state, and local law enforcement agencies were assigned to the RCFLs at the close of FY12. This arrangement is codified in a Memorandum of Understanding (MOU) between each participating agency and the FBI.

Overall, participation has held steady over the past several years, despite sharply constrained budgets and competing demands for personnel at partner agencies. Agencies find the benefits outweigh the cost and continue to find ways to dedicate resources to the program.



The program's 16 RCFLs are available to more than 5,000 law enforcement agencies in 17 states.

NEW PARTICIPATING AGENCIES

These eight agencies joined the RCFL Program in FY12:



Chicago RCFL
Cook County State Attorney's Office



Intermountain West RCFL
Boise City Police Department



Heart of America RCFL
Gladstone, Missouri Police Department
U.S. Department of Agriculture,
Office of Inspector General—rejoined



New Mexico RCFL
U.S. Fish and Wildlife Service,
Office of Law Enforcement



Kentucky RCFL
Jefferson County Sheriff's Office



Orange County RCFL
Riverside County District
Attorney's Office



Rocky Mountain RCFL
Thornton Police Department

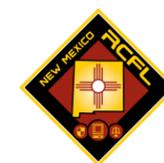
FY12 PROGRAM ACCOMPLISHMENTS

“FY 2012 was a banner year for the RCFL Program.”

FY 2012 was a banner year for the RCFL Program.

- ▶ We launched our 16th laboratory. The New Mexico RCFL (NMRCFL), in Albuquerque, New Mexico, officially opened on December 6, 2011.
- ▶ The volume of data examined across the program continues to grow—this year, by 40 percent, while use of self-service kiosks also rose by 58 percent. Our individual and aggregate laboratory performance is strong.
- ▶ We continue to innovate, automate, and evolve to meet the expanding needs of the law enforcement customers we serve. Our laboratories offer more services and do so more efficiently than ever before.
- ▶ Our training and outreach efforts fill gaps that many law enforcement agencies would otherwise be unable to fill. From classroom training to our signature annual webinar, from our participation in conferences to presentations made to university classes, our goal is to maximize the information that we provide to today’s customers and tomorrow’s professionals.
- ▶ Our commitment to quality remains a bedrock operating principle. It guides everything we do—from operations to training.

SIXTEENTH LABORATORY OPENED



The NMRCFL, the 16th laboratory in the RCFL network, officially opened on December 6, 2011. Law enforcement executives from the FBI and from participating agencies—the Albuquerque Police Department, Bernalillo County Sheriff’s Office, New Mexico State Police, and University of New Mexico—joined the RCFL Program’s

National Advisory Committee (NAC), other invited guests, and members of the press at a Grand Opening event. Activities included a press conference and tours that showcased the laboratory’s examination spaces, its state-of-the-art classroom, and its self-service kiosks.



FBI Albuquerque Special Agent in Charge (SAC) Carol K. Lee addresses guests at the New Mexico RCFL Grand Opening. From the left are: Albuquerque Police Department Chief Raymond Schultz, Bernalillo County Sheriff Dan Houston, former FBI Executive Assistant Director of Science and Technology Louis Grever, and SAC Lee.



Officials from UNM and former NMRCFL Director Darrin Jones celebrate the opening of the NMRCFL. From left: Alessandro Seazzu, UNM’s CIARE Director, SSA Jones, former UNM President David J. Schmidly and Dean Douglas M. Brown.

BY THE NUMBERS

	FY 12	FY11	% CHANGE
DIGITAL FORENSIC SERVICES			
Agency Requests No. of agencies that received RCFL assistance	842	766	10%
Service Requests No. of requests for assistance received by RCFLs	5,060	6,318	-20%
Examinations Completed No. of examinations completed at RCFLs	8,566	7,629	12%
Terabytes Processed A terabyte (TB) is a unit of measurement for data storage capacity equivalent to 1,024 gigabytes. One TB is roughly equivalent to the information in 1,000 encyclopedias.	5,986	4,263	40%
Field Services No. of onsite operations conducted by law enforcement for which RCFLs provided assistance	553	689	-20%
Examiner Testimony in Court No. of times RCFL Examiners testified in court and/or at hearings. This does not include subpoenas to testify when testimony was not required.	101	97	4%
KIOSK SERVICES			
Total Kiosk Use No. of times law enforcement officers used the CPIK, LMK, and VCPK	13,556	8,553	58%
Cell Phone Investigative Kiosk (CPIK) Use No. of times law enforcement officers used the CPIK to review cellular phones at RCFLs in support of investigations	8,795	5,956	48%
Loose Media Kiosk (LMK) Use No. of times law enforcement officers used the LMK to review loose media at RCFLs in support of investigations	3,665	1,683	118%
Virtual Cell Phone Kiosk (VCPK) Use No. of times law enforcement officers used the VCPK (only available through the HARCFL) to remotely review cellular telephones from their agencies in support of investigations	1,096	914	20%
PROGRAM SERVICES			
Personnel Trained No. of personnel trained at RCFLs or under the auspices of the RCFL program, including webinar training	6,500	5,727	13%
Program Products/Educational Materials Distributed No. of copies of program and educational materials (e.g., manuals, webcast DVDs, field guides, bookmarks) distributed	3,058	6,767	-122%

The NMRCFL is the second RCFL sited on the campus of a major university—in this case, the University of New Mexico. Its 19,959 square-foot facility provides a permanent home to a team that had used temporary workspace in the FBI Albuquerque Field Office since 2009. Services in the new facility ramped up quickly, and the law enforcement community in the region has experienced substantial benefits. By FY-end, the NMRCFL, by all measures, was competitive with the more established RCFLs in terms of service and support.

The partnership with the University of New Mexico and the location on that university's campus provide an exceptional opportunity to build long-term relationships that tap the expertise of faculty and students associated with UNM's Center for Information Assurance Research and Education (CIARE) and with other university departments. The collaboration has already begun with forensic experts lecturing in UNM courses and students serving as FBI interns. In the summer of 2012, three student interns supported the testing and validation of forensic tools and gained hands-on experience working on real FBI problems.

At this time, the NMRCFL represents the last of the planned RCFLs to open. Despite significant demand for additional RCFLs across the country, there are no immediate plans to open more facilities because of budget constraints.

STRONG LABORATORY PERFORMANCE

Performance measures across a wide range of services—including terabytes processed, kiosk usage, and outreach and training services—remained strong this fiscal year. (see table on page 6)

CASEWORK

Digital evidence plays an increasingly important role in nearly every type of investigation — from murder to terrorism, to insurance fraud, to child pornography. The RCFL Program supported hundreds of federal, state, and local cases in FY12. A sample appears in the individual RCFL profiles in Section 3 of this report.

MORE SERVICES, GREATER EFFICIENCIES

Standard workload measures reveal only part the program's growing and evolving impact. In FY12, the RCFLs continued to add capabilities, automate processes, and fine-tune their delivery models to improve efficiency and reach more customers. Strategies included:

- ▶ Putting more and better tools in the hands of investigators
- ▶ Expanding training offerings and targeting new participants
- ▶ Offering new services to meet rapidly changing needs
- ▶ Implementing policy and practice changes to further improve efficiency.

Many of these strategies and tools are being developed by components of the FBI's Digital Forensics and Analysis Section (DFAS) and then broadly leveraged in field offices, RCFLs, and with partners.

PROVIDING ADDITIONAL TOOLS FOR INVESTIGATORS

Putting more and better tools in the hands of investigators is one way RCFLs are enhancing service and improving efficiency.

When the RCFL Program first began its outreach to law enforcement, it focused on educating law enforcement officers about the existence of digital evidence, its value to investigations, and how to safely seize it, store it, and submit it to experts for examinations. Most digital evidence was found on desktop computers, servers, or laptops. Thirteen years later, digital evidence can be found on hundreds of types of devices or stored remotely in “the cloud” or on service provider servers. By necessity, investigators need to be more technology savvy and more involved in certain phases of the digital evidence examination process.

SELF-SERVICE KIOSKS

Self-service kiosks for cellular telephones and loose media allow investigators to review the contents of mobile telephones and most types of loose media on their own. The process is simple: investigators make



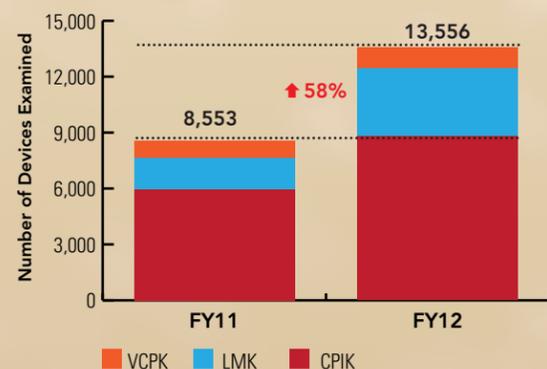
Pictured above is the OCRCFL kiosk room. The LMK (above left) and the CPIK (photography station on the far left and CPIK workstation on the right) offer a more efficient way to address the growing volume of potential evidence on portable devices. They put the investigators in a position to quickly review and download the contents of a device and take the information with them.

an appointment at an RCFL, bring their evidence, use the Loose Media Kiosk (LMK) or Cell Phone Investigative Kiosk (CPIK) to view the contents, extract data of interest, save it to a report, and burn the report to a CD or DVD. All of this is accomplished without submitting the evidence to the RCFL. The review is done in a forensically sound manner, and the results are admissible in court. If, after a kiosk review, investigators require a full forensic examination of one or more of the devices, they submit the evidence to the RCFL.

The kiosk program was launched several years ago to address the exponential growth in the volume of mobile telephones and loose media submitted to RCFLs. Many cases involved multiple devices, and the influx was causing examination backlogs to grow. Investigators wanted results faster than the RCFLs could provide them. RCFLs wanted their highly trained forensic examiners to focus on cases and complex devices or operating systems that were the most difficult to examine.

The program has been extremely successful. At the end of FY12, every RCFL had at least one CPIK, and all but one laboratory had a LMK. Use of these kiosks has skyrocketed—increasing 58 percent over the last year. On some days, officers are lined up to use the kiosks. Program-wide usage totaled 13,556 devices, or, on average, 52 devices each business day of the year.

RCFLs still offer full examination services for mobile telephones and loose media, but most RCFLs now



Self-service kiosks provide a valuable service to RCFL customers. Usage increased by 58 percent in FY12 compared with FY11.

“I can’t tell you how helpful the VCPK equipment has been for our small department and how much we appreciate the opportunity to use it. In 2012...we downloaded 23 phones. Our turnaround time for a phone is down to minutes instead of months. With this information we were able to move cases forward and get prosecutions and convictions.”

—Chief Chris Juergens
Scott City Kansas Police Department

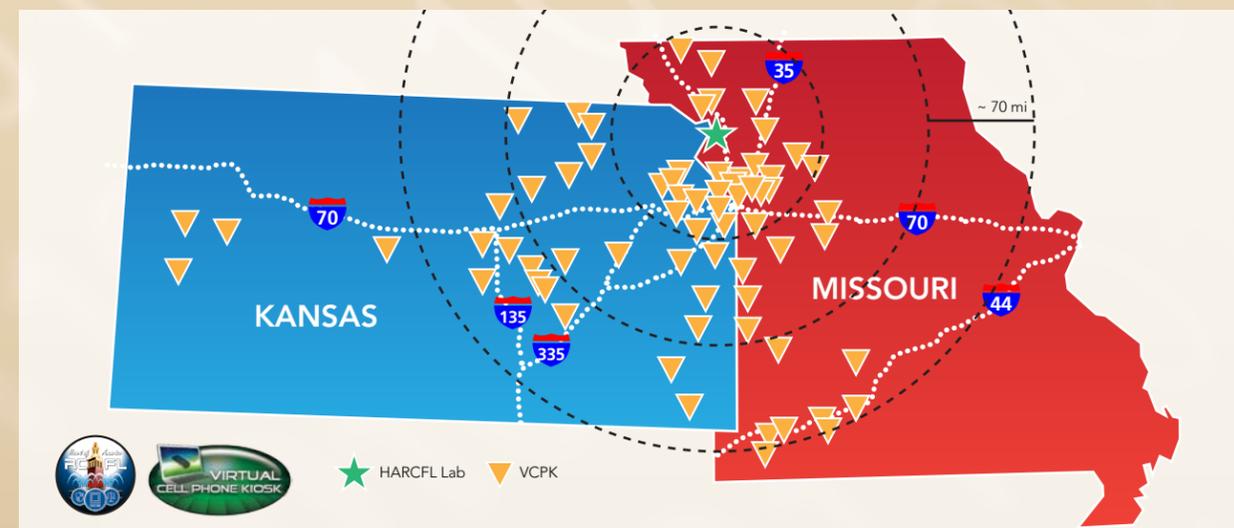
require the investigators to perform the initial reviews on the kiosk to identify the devices of highest value to an investigation or those requiring more specialized technical expertise. We estimate that only one-third of these devices are subsequently submitted for a full forensic examination.

To lower the learning curve for users and save valuable examiner time spent demonstrating the kiosks, the Philadelphia, Kentucky, New Jersey, and Silicon Valley RCFLs began providing classroom training on the kiosks, augmenting the already-available computer-based training.

The bottom line is—faster results for investigators, reduced backlog for RCFLs, and more time for forensic examiners to focus on more difficult examinations.

Virtual Cell Phone Kiosk (VCPK) at Heart of America RCFL (HARCFL)

The VCPK, a service currently available only at HARCFL, offers even more efficiencies. Driving to the RCFL to use a kiosk is impractical for many agencies that are hundreds of miles away from the HARCFL in Kansas City. The VCPK solves this problem. Instead of traveling to the RCFL, agencies purchase cable



Ninety-six agencies in Kansas and Missouri have the capability to use the HARCFL’s VCPK. All benefit from time saved, but particularly those that are located hundreds of miles from the RCFL.

kits and software; they register to use the VCPK; and then, from their offices, can review data from cellular telephones using an Internet connection. To date, 96 agencies can access the VCPK.

In FY12, 1,096 cellular telephones were examined using the HARCFL's VCPK, an increase of 20 percent over the previous year. With additional funding, the RCFL Program could expand this program to additional RCFLs and make a similarly big impact.

Software Tools for Investigators

In FY12, the RCFL Program further enhanced its suite of services when more RCFLs began providing new software tools (and the training to use those tools) to their investigator customers.



Several RCFLs began to regularly offer free DriveQuest training.

DriveQuest is a preview tool developed by FBI's CART Forensic Analysis Unit (FAU). Investigators use DriveQuest to preview a subject's computer for a range of file types—from email messages and downloads to website activity to spreadsheets—in a forensically sound manner. Investigators receive a copy of DriveQuest after successful completion of the training. The training and distribution program is modeled after the ImageScan program, which now has more than 13,000 trained users nationwide. ImageScan is another CART/FAU-developed tool used to preview a subject's computer for image files.

In FY12, additional RCFLs launched classroom training on the newest version of the Case Agent Investigative Review (CAIR) module. Investigators use this software to review the results of an examination conducted by a forensic examiner. This latest version of CAIR provides investigators with more features for reviewing and analyzing examination output. Vendor-developed computer-based training is also available on DVDs.

EXPANDING TRAINING OFFERINGS AND TARGETING NEW PARTICIPANTS

Training has been an important focus for the RCFL Program since its launch. Nearly all the RCFL facilities have a state-of-the-art classroom for Program-sponsored classes. Other law enforcement agencies can use the training rooms free of charge to host their classes. In FY12, 4,000 individuals attended training in our classrooms. Another 2,500 participated in our latest live webinar. That brings our training total to 38,500 individuals from FY04 to FY12. We also distributed 3,058 copies of educational and training materials (e.g., manuals, webcast DVDs, field guides, and bookmarks) this year.

New programs in our FY12 training line-up included the Program's fourth live webinar event and a daylong conference for prosecutors launched by the HARCFL.

Live Webinar

This year's RCFL Program webinar, "Decoding Digital Evidence—What Every Law Enforcement Officer Needs to Know," was held November 9, 2011. It attracted 2,500 participants, our largest webinar audience to date. Registrants included law enforce-



The November 2011 RCFL webinar panel members rehearse for the event in the FBI Training Division Studio. From left: SSA Darrin Jones—FBI, Assistant Special Agent in Charge, Anchorage Division, and Former Director, NMRCFL, who served as the moderator; FBI Supervisory Special Agent (SSA) Bryan Willett—FBI, Cyber Division; SSA J.P. McDonald—FBI, Laboratory Director, Philadelphia RCFL; Detective Joe Ahmed—Buffalo Police Department/Task Force Officer, Innocent Images.



ment and government personnel from all 50 states and 27 countries, and included 222 vetted Infra-Gard members.

Broadcast from the FBI Studio in Quantico, the event featured a four-person panel discussing a range of trends in digital evidence and several short pre-

recorded segments on video forensics. The question portal was open for two hours. The final 30 minutes were reserved for participant questions.

Participant feedback was very positive. (See below).

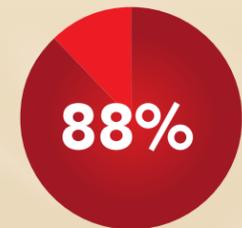
HARCFL Prosecutor's Conference



100 percent of webinar participants said that the webinar furthered their understanding of digital forensics.



98 percent were very or somewhat satisfied with the event.



88 percent said that the RCFL Program is their first choice when seeking information or training about digital forensics.

"I wish there were more events of this quality. Thank you."

"I enjoyed the webinar very much. Excellent presenters, the pacing of the program was great, the slides were informative, and the overall technical quality of the webinar looked fantastic!"

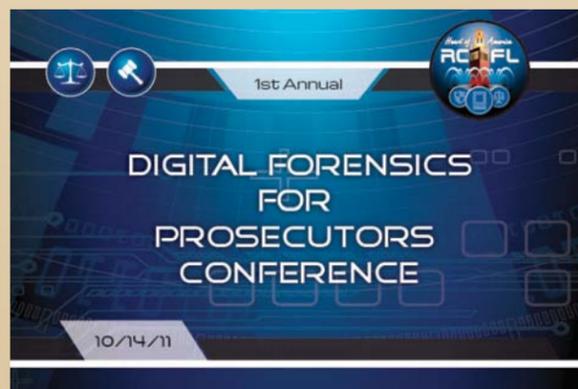
"Excellent training, not too technical for your average agent to understand. The webinar was an easy-to-access format. I look forward to accessing RCFL training in the future. Well done. Thank you."

The HARCFL's inaugural Prosecutors Conference, held on October 14, 2011, attracted more than 70 federal, state, and local prosecuting attorneys from Missouri and Kansas—a new and important audience for digital evidence training. In this first-of-its-kind program for RCFLs, training focused on helping legal professionals better understand the science and practical applications of digital forensics. Speakers included forensic examiners from the HARCFL and prosecutors from both Missouri and Kansas. Topics included—

- ▶ Inner workings of the FBI's RCFL Program
- ▶ Digital forensics trends and forecasts for the future
- ▶ Connection between peer-to-peer file sharing and child pornography investigations
- ▶ Mobile forensics



Corporal Thad Winkelman, Shawnee County Sheriff's Office, a certified forensic examiner at the Heart of America RCFL, teaches a breakout session at the HARCFL's Digital Forensics for Prosecutors Conference at the Kansas City Police Academy.

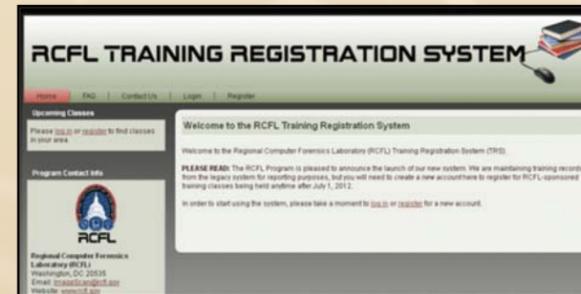


- ▶ Innocent Images prosecutions and case studies
- ▶ Case law updates and pending legislation.

The HARCFL and its participating agencies plan to make this conference an annual event.

Training Registration System

To better support our training initiatives, the RCFL NPO developed a new Training Registration System that simplifies the registration process, automates the posting of upcoming classes on RCFL websites, and provides enhanced reporting capabilities. The new system is another example of how the RCFL Program is improving efficiency and enhancing our customers' experiences.



OFFERING NEW SERVICES TO MEET RAPIDLY CHANGING NEEDS

Change is the only constant for a program directly tied to consumer and business technologies. The proliferation of types of devices and the operating systems they use; changes in how much, what type, and where data are stored; and other trends pose significant technical and process challenges for digital forensics laboratories.

This year, the RCFL Program, working in coordination with specialized components of the FBI Digital Forensics and Analysis Section (DFAS), made these enhancements:



North Texas RCFL (NTRCFL) examiners join FBI Digital Forensics and Analysis Section Chief, Todd McCall in front of one of the FBI's Mobile Labs at the 24th Annual Crimes Against Children conference in Dallas, Texas, August 13–16, 2012. From left is Jim Hogg, Grand Prairie Police Department, and Todd McCall, Scott Saul, and Tommy Ellis, FBI. The Mobile Lab brings the full power of a digital laboratory to the field. The laboratory is outfitted with two examiner workstations, a powerful generator, and a rack of equipment that can also be rolled out of the van and into a search site. The NTRCFL also demonstrated the lab's LMK at the conference.

- ▶ More RCFLs began offering video examination and more advanced cellular telephone examination services thanks to training offered to RCFL examiners by the DFAS Forensic Audio, Video and Image Analysis Unit (FAVIAU) and Cryptologic and Electronic Analysis Unit (CEAU).
- ▶ More RCFLs made progress toward implementing a review network that will allow customers to review the results of a digital forensic examination from their desks, obviating the need to travel to an RCFL.
- ▶ Three RCFLs—Silicon Valley, Orange County, and North Texas—are custodians of Mobile Labs, full-service digital forensic laboratories on wheels. They enable the RCFLs to serve a broader geographic area and provide faster examination results during on-site operations.

IMPLEMENTING POLICIES TO IMPROVE EFFICIENCY

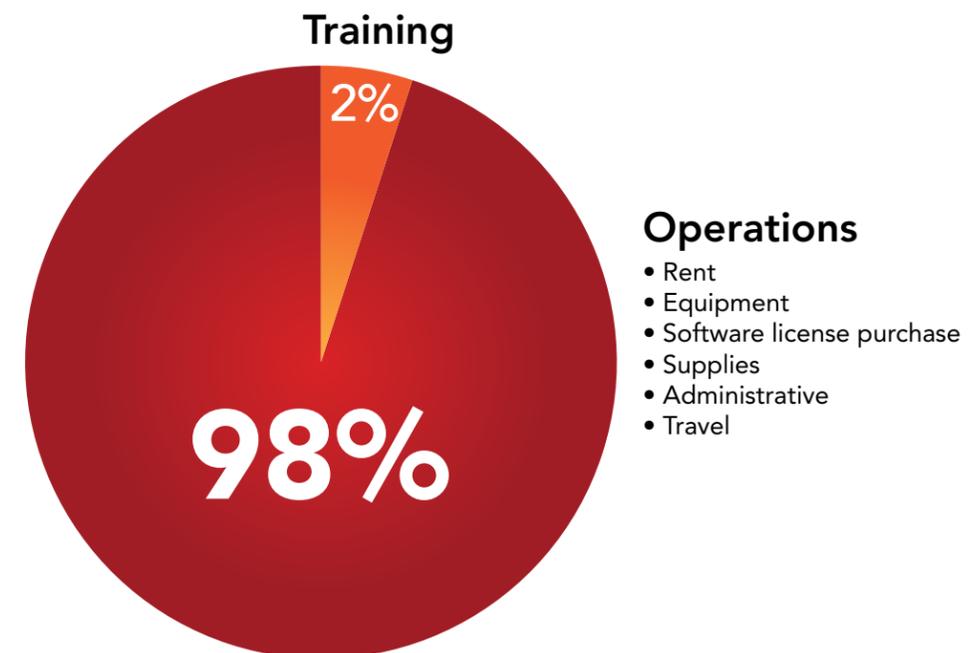
Monthly RCFL Director conference calls, annual in-person meetings, and one-on-one mentoring for new RCFL Directors are just some of the ways our geographically dispersed RCFL leaders share best practices, particularly for administrative matters. Many of these issues are then discussed with the LEBs.

For example, to address the growth in the number of devices submitted in individual cases, many RCFLs now require submitters to conduct a kiosk review of cellular telephones and loose media before determining whether they need to be submitted for full forensic examination. To maximize an investigator's understanding of examination results, some RCFLs require that submitters attend in-person CAIR training.

FUNDING AND PARTNERSHIPS

In FY12, the RCFL Program's budget supported the operations of 16 RCFLs and the activities conducted by the RCFL NPO. The chart below depicts how the budget is allocated.

HOW FY12 RCFL NATIONAL PROGRAM FUNDING WAS USED



“The RCFL Program is built on strong partnerships.”

PARTNERSHIPS

The RCFL Program is built on strong partnerships. A variety of organizations and individuals provide the resources, time, and expertise needed to operate successfully.

PARTNERSHIPS													
Participating Agencies	The 132 participating agencies detailed staff members to the RCFLs in FY12. The executives of these agencies serve on the LEBs of each of the RCFLs. The program could not operate without this generous support.												
Department of Justice (DOJ) Assets Forfeiture Fund	<p>Since 2006, the RCFL Program has received Department of Justice (DOJ)-administered Assets Forfeiture Funds (AFF). FY12 funding was \$2.2M and was used for overtime reimbursement, leased motor vehicles, and cellular telephones for state and local examiners working at the RCFLs. AFF provides a valuable incentive for agencies to start or maintain their RCFL participation.</p> <p>Because of the availability of AFF resources, RCFLs have been able to—</p> <ul style="list-style-type: none"> ▶ Focus attention on reducing the backlog. State and local examiners can be paid for overtime worked. In FY12, the RCFL program received \$1,009,122 in overtime reimbursement requests from 83 state and local participating agencies. ▶ Assist with more onsite operations. State and local examiners can respond more frequently and more quickly because they have leased vehicles available. 116 motor vehicles were leased in FY12. ▶ Ensure rapid communication with examiners. AFF is used to pay for cellular telephones and access plans for state and local examiners. In FY12, \$110,780 in AFF resources was applied to issue 106 cellular telephones to state and local personnel assigned to RCFLs. <p>The RCFL NPO works closely with the DOJ's AFF component to account for and administer these funds.</p> <p>How FY12 AFF Was Used:</p> <table border="1"> <caption>How FY12 AFF Was Used</caption> <thead> <tr> <th>Category</th> <th>Amount</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Overtime</td> <td>\$1,009,122</td> <td>46%</td> </tr> <tr> <td>Leased Vehicles</td> <td>\$1,080,094</td> <td>49%</td> </tr> <tr> <td>Cellular Telephones</td> <td>\$110,780</td> <td>5%</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ▶ Overtime funds for 101 state/local law enforcement officers from 83 agencies for 16,753 hours – 46% ▶ For 106 cellular telephones issued to state and local agencies – 5% ▶ For 116 leased vehicles – 49% 	Category	Amount	Percentage	Overtime	\$1,009,122	46%	Leased Vehicles	\$1,080,094	49%	Cellular Telephones	\$110,780	5%
Category	Amount	Percentage											
Overtime	\$1,009,122	46%											
Leased Vehicles	\$1,080,094	49%											
Cellular Telephones	\$110,780	5%											

PARTNERSHIPS, CONT.

National Advisory Committee	<p>One representative from each of the RCFL LEBs and the Unit Chief of the RCFL NPO are members of the RCFL NAC (see the Acknowledgements for a list of members). During bi-annual meetings, these executives from law enforcement agencies and academia advise the RCFL Program leadership on issues of broad importance to the program.</p> <p>During the December 2011 meeting at the NMRCFL, the NAC members identified and addressed these priority issues:</p> <ul style="list-style-type: none"> ▶ Stratification of examinations (triage model) ▶ Specialization ▶ Internships ▶ Sustainability of the RCFL model. <p>During the May 2012 meeting at the San Diego RCFL (SDRCFL), the NAC members discussed the following:</p> <ul style="list-style-type: none"> ▶ Setting a 12-month goal for completing examiner certification ▶ Providing enhanced RCFL internship and co-op opportunities ▶ Rapidly expanding the Digital Evidence Extraction Technician (DEXT) Training Program.
FBI Digital Forensics and Analysis Section Components	<p>The RCFL Program could not be successful without leveraging programmatic, technical and training innovations and support from other FBI DFAS components:</p> <ul style="list-style-type: none"> ▶ Forensic Analysis Unit (FAU)—which manages the CPIK, LMK, and Mobile Van programs, develops the ImageScan and DriveQuest preview tools, manages the CAIR program, manages the program that provides forensic networks, and provides program management for specialized examiner certifications. ▶ Forensic Operations Unit (FOU)—which manages the database that RCFLs use to capture performance statistics and coordinates on large case support. FOU also coordinates the training and certification program that all RCFL examiners must successfully complete. ▶ Forensic Support Unit (FSU)—which manages the program to test and validate the tools used at RCFLs, coordinates the Digital Evidence Laboratory quality assurance program, and supports RCFL efforts to prepare for accreditation. ▶ Cryptologic and Electronic Analysis Unit (CEAU)—which examines evidence submitted by the RCFLs that is technically challenging -- often involving encrypted or protected data digital media. CEAU has also provided advanced training to several RCFL examiners to help expand field capabilities. ▶ Forensic Audio/Video and Image Analysis (FAVIAU)— which supports RCFLs by providing training on video and image analysis and by providing examination services and testimony for technically challenging cases.
FBI Cyber Division	The FBI's Cyber Division supported this year's RCFL webinar by providing an experienced agent to serve on the expert panel.

PART II PROFILES

Chicago RCFL.....	20
Greater Houston RCFL	22
Heart of America RCFL	24
Intermountain West RCFL	26
Kentucky RCFL	28
Miami Valley RCFL.....	30
New Jersey RCFL	32
New Mexico RCFL.....	34
North Texas RCFL.....	36
Northwest RCFL	38
Orange County RCFL	40
Philadelphia RCFL.....	42
Rocky Mountain RCFL	44
San Diego RCFL	46
Silicon Valley RCFL.....	48
Western New York RCFL	50



CHICAGO RCFL

WWW.CHICAGORCFL.ORG

YEAR OPENED: 2003

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

SERVICE AREA: Northern Illinois

**NUMBER OF AGENCIES
IN SERVICE AREA:** 364



Accredited since
2009

PARTICIPATING AGENCIES

- Chicago Inspector General's Office
- Chicago Police Department
- Cook County Sheriff's Office
- Cook County State's Attorney's Office (new)
- FBI—Chicago Division
- Joliet Police Department
- Lombard Police Department
- Oak Park Police Department
- Palatine Police Department
- U.S. Customs and Border Protection

PROGRESS REPORT

The CGRCFL's progress and accomplishments for FY12 follow—

70 Number of agencies that requested assistance (56 local, 8 state, 6 federal)

590 Number of service requests received (269 federal, 26 state, 295 local)

515 Number of examinations completed

296 Number of TBs processed

121 Number of law enforcement officers trained in various digital forensic tools and techniques

6 Number of times CGRCFL personnel testified in court

38 Number of times CGRCFL personnel participated in onsite operations

848 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 563; LMK: 285)

TOP 5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1

Obscenity

2

Homicide

3

Sex Assault

4

Fraud

5

Sex Offense

NOTABLE NEWS

TERRORISM CASE ADJUDICATED: A Chicago man, who personally provided hundreds of dollars to an alleged terrorist leader with whom he had met in his native Pakistan, was sentenced in June 2012 to 7.5 years in federal prison for attempting to provide additional funds to the same individual after learning he was working with al Qaeda. The defendant, Raja Lahrasib Khan, is a Chicago taxi driver and native of Pakistan who became a naturalized U.S. citizen in 1988. Arrested in 2010, he pleaded guilty in February 2012 to one count of attempting to provide material support to a foreign terrorist organization. The Chicago RCFL processed all of the digital media associated with this case.



SUPPORT TO TERRORIST ORGANIZATION:

A Chicago man, Shaker Masri, 29, pleaded guilty in July 2012 to intentionally trying to help provide material support to al-Shabab, a designated foreign terrorist group. He was sentenced to nearly 10 years in prison for plotting to attend a Somalia training camp with dreams of becoming a suicide bomber for al-Qaida and al-Shabab. The Alabama-born Masri allegedly discussed the possibility of killing a busload of U.S. soldiers and about the "heavenly rewards one would receive for martyrdom," according to a government presentencing filing. Investigators also found copies of extremist literature on Masri's computer, including Osama bin Ladin's 1996 manifesto, "The Declaration of War Against the Americans." Masri was arrested as he prepared to leave the United States in August 2010. The Chicago RCFL processed the digital media associated with the case.

NATO SUMMIT TERROR PLOT: The CGRCFL is handling the digital evidence associated with a case in which three activists are accused of manufacturing Molotov cocktails in a plot to attack high profile Chicago targets including President Obama's campaign headquarters and Chicago Mayor Emanuel's home. The three men, who traveled to Chicago for a NATO summit, allegedly bought fuel at a gas station for the makeshift bombs, poured it into beer bottles, and cut up bandanas to serve as fuses. The suspects, from Florida and New Hampshire, are charged with conspiracy to commit terrorism, material support for terrorism, and possession of explosives.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **GROW THE RANKS:** The CGRCFL added one participating agency, the Cook County State's Attorney's Office, this year.
- ▲ **CONDUCT AN ANNUAL AUDIT:** The CGRCFL completed this audit. It is a requirement mandated for all ASCLD/LAB accredited laboratories.
- ▲ **INCREASE CERTIFICATIONS:** Using a grant awarded through a partner agency, the CGRCFL expanded its video examination capacity. One examiner completed the majority of the Field Audio and Video Program certification training and was accepted as an examiner in training. This allowed the CGRCFL to decrease its backlog of video exams by almost 18 months.
- ▼ **REDUCE THE BACKLOG:** The CGRCFL saw an increase of cases submitted to the laboratory. In addition, two examiners left their respective departments and the CGRCFL and were not replaced.
- ▼ **IMPLEMENT A STATE/LOCAL CAIR SYSTEM:** This system enables officers to conduct reviews in the convenience of their own offices, eliminating any travel time to the CGRCFL. While the CGRCFL was set to implement an online review system, the Forensic Network Program took control of the system and is working on its implementation solution.

GOALS FOR FY13

- GROW THE RANKS:** Add at least one new participating agency and bring additional staff on board from existing partner agencies.
- REDUCE THE BACKLOG:** By a minimum of 10 percent.
- CONDUCT AN ANNUAL AUDIT:** This requirement is mandated for all ASCLD/LAB accredited laboratories.
- IMPLEMENT A STATE/LOCAL CAIR SYSTEM:** This system enables officers to conduct reviews in the convenience of their own offices, eliminating any travel time to the CGRCFL.
- PREPARE FOR INTERNATIONAL ACCREDITATION:** Conduct an internal assessment/pre-inspection audit for ASCLD/LAB-International accreditation.



GREATER HOUSTON RCFL

WWW.GHRCFL.ORG



YEAR OPENED: 2005

LABORATORY DIRECTOR:
SSA Ryan Dusek, FBI

SERVICE AREA: Southern Texas

**NUMBER OF AGENCIES
IN SERVICE AREA:** 320

Accredited since
2009

PARTICIPATING AGENCIES

- FBI—Houston Division
- Harris County District Attorney's Office
- Harris County Precinct 4 Constable's Office
- Harris County Sheriff's Office
- Houston Police Department
- Pasadena Police Department
- Texas Department of Public Safety

PROGRESS REPORT

The GHRCFL's progress and accomplishments for FY12 follow—

58 Number of agencies that requested assistance (52 local, 2 state, 4 federal)

467 Number of service requests received (224 federal, 19 state, 224 local)

412 Number of examinations completed

344 Number of TBs processed

177 Number of law enforcement officers trained in various digital forensic tools and techniques

3 Number of times GHRCFL personnel testified in court

32 Number of times GHRCFL personnel participated in onsite operations

476 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 456; LMK: 20)

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



NOTABLE NEWS

COMBATING HEALTHCARE FRAUD — HUNDREDS OF MILLIONS OF FRAUDULENT CLAIMS IN MULTIPLE CASES: The GHRCFL assisted with several large-scale healthcare fraud investigations, providing onsite search support and conducting forensic examinations of digital evidence in investigations launched by a multi-agency Medicare Fraud Strike Force:

- ▶ In the City Nursing case, Kenneth Ibezim Anokam, 57, and Gwendolyn Kay Frank, 43, received prison sentences of 151 months and 37 months, respectively. They were charged for a conspiracy that billed Medicare and Medicaid programs for more than \$45 million for fraudulent physical therapy claims.
- ▶ In another case, Clifford Ubani, 54, and Pincewill Njoku, 53, the former co-owners of Family Healthcare Services, were each sentenced to serve 87 months in prison for their participation in a \$1.18 million Medicare fraud scheme. They had pleaded guilty. They will serve their sentences concurrently with the prison terms each received in 2011 in a separate \$5 million home healthcare fraud case.
- ▶ A superseding indictment was unsealed in July 2012 charging two owners of a Houston mental health care company, Spectrum Care P.A., some of its employees, and the owners of Houston group care homes for their alleged participation in a \$97 million Medicare fraud scheme. According to the indictment, Spectrum Care P.A. orchestrated and executed a scheme to defraud Medicare from 2006 until 2011. Spectrum billed Medicare for services when the beneficiaries were actually watching movies, coloring, and playing games. Spectrum also paid kickbacks to group care home operators and others for recruiting ineligible Medicare



Staff from the GHRCFL process evidence and prepare it for storage in the evidence control room. From left (foreground) SA Minh Lu, FBI, OST Veronica Sanchez, FBI Evidence Custodian, and Larry Hovey, Pasadena Police Department (background).

beneficiaries. This is an on-going case.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **MAINTAIN LOW BACKLOG:** Despite an approximately 6-percent increase in requests in FY12, the GHRCFL maintained a low backlog. The GHRCFL attributes its success to the dedication and support of the law enforcement representatives and the increased efficiencies implemented throughout the year. In addition, GHRCFL personnel volunteered in temporary duty assignments that assisted other RCFLs and CART entities to fulfill their missions and address their backlog.
- ▲ **PROMOTE OUTREACH AND TRAINING:** The GHRCFL offered its state-of-the-art classroom to instructors from numerous agencies who provide training to the law enforcement community.
- ▲ **REDESIGN THE GHRCFL WEBSITE:** The GHRCFL completed the redesign of its website in FY12, resulting in increased functionality and overall improvement in the aesthetics of the site.
- ▶ **GROW THE RANKS:** U.S. Customs and Border Protection was confirmed by the GHRCFL Local Executive Board to become a participating agency pending the agency's approval of the memorandum of understanding.

GOALS FOR FY13

EXPAND THE ROSTER: The GHRCFL will continue collaborating with the LEB to identify potential new participating agencies.

PREPARE FOR INTERNATIONAL ACCREDITATION FROM ASCLD/LAB: The GHRCFL earned its Legacy accreditation in digital forensics from ASCLD/LAB in 2009 and will seek ASCLD/LAB-International accreditation for FY13.

INCREASE EFFICIENCY: The GHRCFL will increase its efficiency by implementing a distributed processing environment.

AUGMENT THE LABORATORY'S CAPABILITIES: The GHRCFL will enhance administration and efficiency through the augmentation of a case management system.



HEART OF AMERICA RCFL

WWW.HARCFL.ORG

YEAR OPENED: 2003

LABORATORY DIRECTOR:
SSA Lou Ann Stovall, FBI

SERVICE AREA:
Kansas and the Western two-thirds of Missouri

NUMBER OF AGENCIES IN SERVICE AREA: 867



Accredited since 2007

PARTICIPATING AGENCIES

- Clay County, Missouri Sheriff's Office
- FBI—Kansas City Division
- Gladstone, Missouri Police Department (new)
- Grandview, Missouri Police Department
- Independence, Missouri Police Department
- Johnson County, Kansas Sheriff's Office
- Kansas Bureau of Investigation (KBI)
- Kansas City, Kansas Police Department
- Kansas City, Missouri Police Department
- Lawrence, Kansas Police Department
- Lee's Summit, Missouri Police Department
- Lenexa, Kansas Police Department
- Missouri State Highway Patrol
- North Kansas City, Police Department
- Olathe, Kansas Police Department
- Overland Park, Kansas Police Department
- Platte County, Missouri Sheriff's Office
- Shawnee County, Kansas Sheriff's Office
- Topeka, Kansas Police Department
- U.S. Attorney's Offices—
District of Kansas, Western District of Missouri
- U.S. Department of Agriculture —
Office of Inspector General (rejoined)

PROGRESS REPORT

The HARCFL's progress and accomplishments for FY12 follow—

90 Number of agencies that requested assistance (77 local, 8 state, 5 federal)

506 Number of service requests received (100 FBI, 406 other agencies)

832 Number of examinations completed

584 Number of TBs processed

98 Number of law enforcement officers trained in various digital forensic tools and techniques

5 Number of times HARCFL personnel testified in court

36 Number of times HARCFL personnel participated in onsite operations

2,870 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 1,543; LMK: 231; Virtual Cell Phone Kiosk: 1,096)

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



NOTABLE NEWS

LAUNCHED INAUGURAL "DIGITAL EVIDENCE FOR PROSECUTORS CONFERENCE": In October 2011, the HARCFL and its participating agencies hosted the RCFL Program's first-ever training event exclusively for prosecutors, judges, and their staffs. The purpose of the full-day program was to help legal professionals better understand the science and practical application of digital forensics.

WELCOMED NEW PARTNER AGENCY: The Gladstone, Missouri Police Department joined the HARCFL as a participating agency. The U.S. Department of Agriculture, Office of the Inspector General, rejoined the RCFL.

PROTECTING CHILDREN—LIFE SENTENCE FOR CHILD RAPIST: HARCFL examiners provided digital forensics support on the case involving an Overland Park man found guilty of raping a 13-year-old girl. Kevin Shives lured the girl into his apartment in April 2010 under the guise of letting her use a webcam. His sentence was life without parole for 51 years on the rape charge and life without parole for 25 years for criminal sodomy. Shives was a registered offender for a 2005 sex offense in Illinois, which also involved a 13-year-old victim.



SCORECARD: PROGRESS AGAINST FY12 GOALS

HOST THE FIRST ANNUAL "DIGITAL FORENSICS FOR PROSECUTOR'S CONFERENCE": Seventy legal professionals from Missouri and Kansas attended the conference, held October 14, 2011. The HARCFL received rave reviews for the program.

INCREASE THE NUMBER OF PARTICIPATING AGENCIES: Two agencies joined the HARCFL this year—the Gladstone Police Department, for the first time; and the U.S. Department of Agriculture's Office of the Inspector General rejoined the laboratory.

PROMOTE SELF-SERVICE KIOSKS: Investigators used the self-service kiosks in record numbers. They used the onsite Cell Phone Investigative and the Loose Media Kiosks to examine 1,774 devices. Use of the Virtual Cell Phone Kiosk, which requires no travel to the HARCFL and significantly extends the reach of the HARCFL's service, increased almost 20 percent from 914 in FY11 to 1,096 devices in FY12.

OPEN A TRANSITIONAL LABORATORY: At the end of FY12, only a few additional activities needed to be completed before the new Topeka Satellite Laboratory could open. The grand opening is scheduled for November 2012. The Topeka Satellite is the RCFL Program's first transitional laboratory and was funded using Kansas state resources. The HARCFL will initially manage the laboratory. In three to five years, the laboratory will transition to a KBI-managed laboratory.

SEEK INTERNATIONAL ACCREDITATION FROM ASCLD/LAB: HARCFL applied for accreditation renewal in FY12. However, the ASCLD/LAB onsite assessment did not take place until late October 2012. The laboratory expects to achieve ASCLD/LAB-International Accreditation in FY13.

GOALS FOR FY13

OBTAIN ASCLD/LAB-INTERNATIONAL ACCREDITATION: Complete the ASCLD/LAB-International application and audit.

COMPLETE THE FINAL STEPS TO OPEN TRANSITIONAL LABORATORY IN TOPEKA: Open the transitional satellite laboratory housed at the KBI in Topeka, Kansas, in partnership with KBI, Shawnee County Sheriff's Office, and the Topeka, Kansas Police Department.

GROW THE RANKS: Increase the number examiners assigned to the HARCFL Satellite Laboratory in Topeka, Kansas, from two to five.

INCREASE THE NUMBER OF PARTICIPATING AGENCIES: Recruit at least one new agency.

IMPLEMENT THE NEW CASE MANAGEMENT/EVIDENCE CONTROL SYSTEM: To help the HARCFL to gain additional efficiencies.



HARCFL's participating agency logos and shields are displayed in the lab's front office area.



INTERMOUNTAIN WEST RCFL

WWW.IWRCFL.ORG

YEAR OPENED: 2008

LABORATORY DIRECTOR:
SSA Steven Sandquist, FBI
(during FY12, SSA Michael Jensen, FBI)

SERVICE AREA: Utah, Idaho,
and Montana

**NUMBER OF AGENCIES
IN SERVICE AREA:** 400



Accredited since
2008

PARTICIPATING AGENCIES

- Ada County, Idaho Sheriff's Office
- Billings, Montana Police Department
- Boise City, Idaho Police Department (new)
- FBI—Salt Lake City Division
- Murray City, Utah Police Department
- Salt Lake City, Utah Police Department
- Sandy City, Utah Police Department
- Utah Attorney General's Office
- Utah Department of Public Safety
- West Valley City, Utah Police Department

PROGRESS REPORT

The IWRCFL's progress and accomplishments for FY12 follow—

104 Number of agencies that requested assistance (71 local, 24 state, 9 federal)

182 Number of service requests received (58 local, 113 state, 11 federal)

874 Number of examinations completed

792 Number of TBs processed

140 Number of law enforcement officers trained in various digital forensic tools and techniques

6 Number of times IWRCFL personnel testified in court

27 Number of times IWRCFL personnel participated in onsite operations

990 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 533; LMK: 457)

TOP 5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1

Obscenity

2

Exploitation/
Enticement

3

Homicide

4

Sex Assault

5

Dangerous
Drugs

NOTABLE NEWS

ETHAN STACY MURDER INVESTIGATION: The IWRCFL is supporting the homicide investigation of Ethan Stacy, a four-year-old whose remains were found in a shallow grave one day after he was reported missing in May 2010. Stacy's mother, Stephanie Sloop, and her husband, Nathaniel Sloop, are both charged with aggravated murder in connection with the boy's death. Nathan Sloop pleaded not guilty in July 2012. According to press accounts, charging documents allege the couple engaged in multiple acts of "severe abuse" between April 29 and May 8 in 2010, which led to Ethan's death.



JOSH POWELL MURDER/SUICIDE: The IWRCFL provided digital evidence examination support in the investigation into the murder/suicide involving Josh Powell and his two young sons. Powell, a "person of interest" in the 2009 disappearance of his wife, Susan, was battling his wife's parents for custody of his children. He killed himself and his sons by setting fire to his home in February 2012. The fire was set minutes after a social worker delivered the children to Powell for a supervised visit.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **OBTAIN CART CERTIFICATION:** Three IWRCFL examiners were certified in FY13.
- ▲ **OBTAIN DIGITAL/AUDIO CERTIFICATION:** Two IWRCFL examiners received digital/audio certification. This expands the types of services offered by the IWRCFL.
- ▲ **MAINTAIN STAFFING LEVELS:** The IWRCFL recruited two individuals to fill vacancies created when examiners left the laboratory. The new Forensic Examiner Trainees (FET) were brought on in FY12.
- ▲ **REDESIGN AND LAUNCH NEW IWRCFL WEBSITE:** The IWRCFL worked with the RCFL NPO to redesign the laboratory's website. The new site boasts better functionality and improved aesthetics.
- ▼ **IMPLEMENT NEW CASE MANAGEMENT/EVIDENCE CONTROL SYSTEM:** The IWRCFL expects to install the Digital Evidence Management System (DEMS) in FY13.

- ▼ **COMPLETE THE TESTING PHASE AND IMPLEMENT STATE/LOCAL CAIR CAPABILITY:** Testing and implementation of this system, which will allow investigators to review the results of forensic examinations in the convenience of their own offices, was postponed because of delays in receiving the state and local equipment.

GOALS FOR FY13

IMPLEMENT NEW CASE MANAGEMENT/EVIDENCE CONTROL SYSTEM: This system will help improve laboratory efficiency.

REORGANIZE AND CONSOLIDATE THE IWRCFL SUPPLEMENTAL QUALITY ASSURANCE MANUAL

GROW THE STAFF: Recruit two new forensic examiners to backfill vacancies.

GAIN CART CERTIFICATIONS: Get three new FETs certified.

INCREASE EXAMINER CERTIFICATIONS: To improve the IWRCFL capability to examine the full range of submitted devices, more IWRCFL examiners will receive training on additional platforms, including cellular telephones, Macintosh, and Linux.

DEPLOY STATE/LOCAL REVIEW NETWORK: Implementation of this network will allow investigators to review the results of forensic examinations from their home offices.



KENTUCKY RCFL

WWW.KRCFL.ORG

YEAR OPENED: 2006

LABORATORY DIRECTOR:
Lieutenant Michael Haag,
Louisville Metro Police Department

SERVICE AREA: State of Kentucky

**NUMBER OF AGENCIES
IN SERVICE AREA:** 420



Accredited since
2009

PARTICIPATING AGENCIES

- FBI—Louisville Division
- Jefferson County Sheriff's Office (new)
- Kentucky Department of Criminal Investigations
- Kentucky State Police
- Louisville Metro Police Department
- University of Louisville

PROGRESS REPORT

The KRCFL's progress and accomplishments for FY12 follow—

33 Number of agencies that requested assistance (15 local, 13 state, 5 federal)

225 Number of service requests received (74 local, 35 state, 116 federal)

243 Number of examinations completed

240 Number of TBs processed

227 Number of law enforcement officers trained in various digital forensic tools and techniques

5 Number of times KRCFL personnel testified in court

17 Number of times KRCFL personnel participated in onsite operations

1,143 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 791; LMK: 352)

TOP 5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1
Exploitation/
Enticement

2
Dangerous
Drugs

3
Fraud

4
Homicide

5
Sex Assault

NOTABLE NEWS

ENHANCED TRAINING OFFERINGS: The KRCFL launched a series of training initiatives in FY12 to raise awareness of the laboratory and its services. In November, the laboratory hosted a day-long "Introduction to the Kentucky RCFL" event at the KRCFL that included presentations on the forensic process, self-service tool demonstrations, an overview presentation of training available at the KRCFL, and a group viewing of the RCFL webinar. The class filled up within 24 hours of advertising the event, and a second session was offered in December. In the spring, the laboratory launched several new training classes—cellular telephone and loose media kiosk training and CAIR 3.

SUPPORTED HEALTHCARE FRAUD CASES: The KRCFL provided digital forensic support in several high-profile healthcare fraud cases. In September 2012, a plea agreement was reached with Timothy Sizemore, owner of a pharmacy in Bardstown, Kentucky, on charges of filing false Medicare and Medicaid claims for fraudulent prescriptions. The plea agreement compels Sizemore to repay more than \$225,000 in restitution and leaves him with a 22-month probated sentence. The KRCFL examined both computer and video evidence in the case.

In a second case, Johnny Perry, a former executive of a Louisville-based healthcare company, pled guilty in federal court to misbranding and altering drugs and to committing healthcare fraud. The KRCFL provided digital forensic expertise to federal prosecutors in the case. U.S. Attorney David J. Hale said, "This case should send a clear message that offenses endangering public health will be vigorously



SA Amanda Rankhorn, FBI, teaches a segment of the "Introduction to the Kentucky RCFL" class held in conjunction with the annual RCFL webinar. The class was designed to make participants aware of services provided by the Kentucky RCFL. Information about future training opportunities and demonstrations of the self-service Cell Phone and Loose Media kiosks were also provided. A capacity crowd participated in the day-long event. The KRCFL then scheduled additional sessions to accommodate demand.

prosecuted. Misrepresenting the strength and potency of a prescribed medication and delivering contaminated products to patients are unconscionable crimes."

PROTECTED THE COMMUNITY: The KRCFL supported an enticement investigation that resulted in the defendant being sentenced to 30 years in federal prison. Archie Whalen was convicted on charges of transporting a minor across state lines with the intent of sexual activity. The KRCFL conducted a forensic examination on the defendant's laptop, which yielded evidence that was used to help corroborate the victim's testimony and prove Mr. Whalen's intent. A KRCFL forensic examiner testified at the trial.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **INCREASE THE ROSTER:** The RCFL welcomed the Jefferson County Sheriff's Office as a participating agency in FY12. The agency dedicated one member to the RCFL.
- ▲ **ENHANCE TRAINING:** The KRCFL held additional training classes during FY12 and increased the number of officers trained from 159 in FY11 to 227 in FY12.
- ▲ **COMPLETE CAIR INSTALLATION:** The KRCFL completed the implementation of the Case Agent Investigative Review tool. The equipment was installed and made fully functional during FY12.
- ▲ **INCREASE PRODUCTIVITY:** The KRCFL increased the number of completed exams by 25% in FY12 compared to FY11 (243 versus 195 exams.) At the same time, the lab reduced backlog from 11 cases in FY11 to 7 in FY12.

GOALS FOR FY13

INCREASE THE ROSTER: Add at least one new participating agency and/or individual assigned to the KRCFL from current participating agencies.

PROMOTE OUTREACH AND TRAINING: Offer more training opportunities to outside law enforcement and host an information session for department heads within our service area showcasing the capabilities of the KRCFL.

REDUCE THE BACKLOG: Continue to reduce the backlog by implementing strategies to increase efficiency within the lab.



MIAMI VALLEY RCFL

WWW.MVRCFL.ORG

YEAR OPENED: 2005

LABORATORY DIRECTOR:
SA David Barnes, FBI

SERVICE AREA: Southern Ohio

**NUMBER OF AGENCIES
IN SERVICE AREA:** 199

PARTICIPATING AGENCIES

- Dayton Police Department
- FBI—Cincinnati Division, Dayton Resident Agency
- Lebanon Police Department
- Miami Valley Regional Crime Laboratory
- Montgomery County Coroner's Office

PROGRESS REPORT

The MVRCFL's progress and accomplishments for FY12 follow—

47 Number of agencies that requested assistance (38 local, 2 state, 7 federal)

193 Number of service requests received (124 local, 5 state, 64 federal)

199 Number of examinations completed

121 Number of TBs processed

26 Number of law enforcement officers trained in various digital forensic tools and techniques

2 Number of times MVRCFL personnel testified in court

4 Number of times MVRCFL personnel participated in onsite operations

274 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 104; LMK: 170)

TOP 5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1
Exploitation/
Enticement

2
Dangerous
Drugs

3
Sex Assault

4
Homicide

5
Obscenity

NOTABLE NEWS

GUILTY PLEAS IN CHILD RAPE CASES: An investigation that began with an undercover detective checking into an online posting about "taboo sex" led to three men being charged in a child rape case. Kenneth Brandt of Troy, Ohio adopted two boys, sexually abused them and made the boys available to two adult subjects who live in the Dayton area. Brandt met these men online. The MVRCFL examined digital evidence that was seized from three subjects. Analysis from one of the subject's computers revealed other online predators. Chats implicated the two associates and led to other online profiles. The adoptive father and another adult entered guilty pleas; the third subject is awaiting trial.

FINANCIAL PLANNER CHARGED WITH BILKING MONEY FROM FORMER NFL PLAYER: A Wilmington, Ohio man was charged in a 28-count indictment. A MVRCFL examination of digital evidence revealed the extent of and the intention to defraud investors. It also led to the identifies of other victims of the fraud.

PRESCRIPTION DRUG CONSPIRACY: An Ohio pain clinic owner and six physicians were indicted on federal charges that they conspired to distribute powerful pain medications outside the scope of legitimate medical practice and that their conspiracy resulted in the death of at least one person. Forensic examiners from the MVRCFL supported the execution of the search warrant in the case and imaged computers onsite; they also processed the digital evidence seized in this "pill mill" investigation.



DAYTON RESTAURANT OWNER GUILTY OF INSURANCE FRAUD—MVRCFL EXAMINERS TESTIFY: Forensic examiners from the MVRCFL testified in the successful prosecution of Eva Christian, owner of a

Dayton restaurant. Christian was found guilty on two counts of insurance fraud, two counts of making false alarms, and one count of engaging in a pattern of corrupt activity, a first-degree felony. According to press reports, Christian reported two staged break-ins—one of her home and another of a restaurant that she owned—for the purpose of defrauding insurers and collecting insurance money. She faces a prison sentence of up to 17 years.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **PROMOTE USE OF THE LOOSE MEDIA KIOSK (LMK):** The MVRCFL increased efficiency by promoting use of the LMK to customers. In FY12, the LMK was used 170 times.
- ▶ **INSTALL AND IMPLEMENT A FORENSIC NETWORK:** The MVRCFL received some of the network equipment in FY12 but is waiting for the rest of the equipment to complete the installation.

GOALS FOR FY13

TRAIN REPLACEMENT FOR RETIRING EXAMINER: One of the officers from a participating agency is retiring in June 2013, and the agency is working to find a replacement.

PROMOTE THE USE OF THE LOOSE MEDIA KIOSK (LMK) AND CELL PHONE INVESTIGATIVE KIOSKS: The MVRCFL continues to increase efficiency by promoting use of the LMK and CPIK to customers.

INSTALL AND IMPLEMENT A FORENSIC NETWORK: Complete the installation and configuration of the MVRCFL Forensic Network.



NEW JERSEY RCFL

WWW.NJRCFL.ORG

YEAR OPENED: 2004

LABORATORY DIRECTOR:
SSA Ronald E. Menold II, FBI

SERVICE AREA: The State of New Jersey

NUMBER OF AGENCIES IN SERVICE AREA: 526



Accredited since 2006

PARTICIPATING AGENCIES

- FBI—Newark Division
- Jersey City Police Department
- Monmouth County Prosecutor's Office
- New Jersey Division of Criminal Justice
- New Jersey Office of the Attorney General
- New Jersey State Police
- Somerset County Prosecutor's Office

PROGRESS REPORT

The NJRCFL's progress and accomplishments for FY12 follow—

37 Number of agencies that requested assistance (28 local, 6 state, 3 federal)

283 Number of service requests received (124 local, 157 state, 2 federal)

494 Number of examinations completed

327 Number of TBs processed

193 Number of law enforcement officers trained in various digital forensic tools and techniques

4 Number of times NJRCFL personnel testified in court

81 Number of times NJRCFL personnel participated in onsite operations

402 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 238; LMK: 164)

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

TOP 5

1
Exploitation/
Enticement

2
Fraud

3
Homicide

4
Sex Assault

5
Obscenity

NOTABLE NEWS

ACHIEVED ASCLD/LAB-INTERNATIONAL ACCREDITATION:

In June 2012, the NJRCFL was approved for the ASCLD/LAB-International Accreditation Program in Forensic Science Testing—Digital and Multimedia Evidence—Computer Forensics and Video Analysis. The laboratory had previously achieved ASCLD/LAB Legacy Accreditation in 2006. To be accredited, a laboratory undergoes an intensive assessment by expert evaluators who conduct a wide-ranging assessment. "Accreditation demonstrates that a crime laboratory's management, personnel, quality system, operational and technical procedures, equipment, and physical facilities meet established standards," according to the ASCLD website. The NJRCFL was the third RCFL to achieve International accreditation.

PROTECTING CHILDREN – DOCTOR PLEADS GUILTY:

The NJRCFL supported a case in which a New Jersey doctor admitted in federal court to receiving and sharing images and videos of child pornography via the Internet. Rocco Martino, 43, of South Orange, New Jersey, who recently practiced internal and sports medicine, entered a guilty plea for one count of receipt and distribution of child pornography. Martino was sentenced in June to seven years in prison and seven years supervised release, and will be required to register as a sex offender.

CHILD PORN SWEEP NETS MORE THAN 2 DOZEN IN NJ:

Authorities arrested 27 men and one woman as part of a sweeping three-month child pornography investigation in 20 New Jersey towns. Dubbed "Operation Watchdog", the investigation resulted in charges against all 28 subjects for distribution and possession of child pornography. Detectives were able to link all arrested subjects by their use of the Internet to download or distribute known images of child pornography, following the files transfers to their origin and destination locations. One subject had his computer actively running a file sharing program with multiple child porn images when the warrant on his home was served. The New Jersey RCFL (NJRCFL) received all digital evidence related to the effort and is assisting in the investigation.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **EVALUATE NEW TECHNOLOGIES:** New forensics software for analyzing peer-to-peer cases was developed and tested at the NJRCFL and deployed nationwide throughout the RCFL network of laboratories.
- ▶ **CONTINUE RECRUITING EFFORTS:** The NJRCFL's outreach efforts resulted in an agreement with the Monmouth County Prosecutor's Office to supply one full-time forensic examiner in FY 13.
- ▶ **COMPLETE INSTALLATION OF THE DIGITAL CRIME ANALYSIS POSITION (DCAP) SYSTEM:** The DCAP is up and running inside the NJRCFL. Remote viewing capability is pending FBI Headquarters deployment. The system, when fully implemented, will allow remote viewing of the laboratory's findings and results by state and local law enforcement customers.

GOALS FOR FY13

- ADD PARTNERS:** Add at least one new participating agency in FY13.
- CONTINUE TO DEVELOP TOOLS:** Develop at least one new forensic tool for general use.
- GROW THE RANKS:** Increase the number of forensic examiners supporting the NJRCFL above the FY12 level.
- EXPAND EXAMINER CAPABILITIES:** Expand the number of tools in which laboratory examiners are trained.



NEW MEXICO RCFL

WWW.NMRCFL.ORG

YEAR OPENED: 2011

LABORATORY DIRECTOR:
SSA Mary Adkins, FBI

SERVICE AREA: State of New Mexico

**NUMBER OF AGENCIES
IN SERVICE AREA:** 135

PARTICIPATING AGENCIES

- Albuquerque Police Department
- Bernalillo County Sheriff's Office
- FBI—Albuquerque Division
- New Mexico State Police Department
- U.S. Fish and Wildlife Service, Office of Law Enforcement (new)
- University of New Mexico

PROGRESS REPORT

The NMRCFL's progress and accomplishments for FY12 follow—

29 Number of agencies that requested assistance (17 local, 9 state, 3 federal)

105 Number of service requests received (75 local, 26 state, 4 federal)

297 Number of examinations completed

208 Number of TBs processed

103 Number of law enforcement officers trained in various digital forensic tools and techniques

2 Number of times NMRCFL personnel testified in court

23 Number of times NMRCFL personnel participated in onsite operations

277 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 202; LMK: 75)

TOP
5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



NOTABLE NEWS

WELCOMED NEW PARTICIPATING AGENCY: The U.S. Fish and Wildlife Service, Office of Law Enforcement, joined the NMRCFL as a participating agency.

CHILD EXPLOITATION SUSPECT PLEADS GUILTY: Robert Schmidt of Albuquerque entered a guilty plea on charges of transportation and possession of child pornography. An investigation of Schmidt was initiated in FY12 after a maintenance employee at the apartment complex where Schmidt was a tenant reported seeing child pornography on a computer in Schmidt's residence. The New Mexico RCFL provided digital forensic support in the investigation. Schmidt was sentenced to 97 months in prison.

GUILTY PLEA IN FEDERAL PORNOGRAPHY CHARGES: Ernest Brian Tucker, 58, pled guilty to a federal charge of receipt of child pornography after an investigation launched by the New Mexico State Police revealed that an Internet Protocol (IP) address subscribed to at Tucker's residence was participating in the distribution of child pornography. Forensic examiners at the NMRCFL examined the computers and media lawfully seized from Tucker's residence. They found approximately 38,000 images and

videos consistent with child pornography. In a plea agreement, Tucker admitted to using a file sharing program to download the child pornography and acknowledged the findings of the computer forensic examination. He faces 5 to 20 years in prison and a term of supervised release.

GOALS FOR FY13

REDUCE THE BACKLOG: Continue to reduce the backlog by implementing new strategies to increase efficiency within the lab.

ADD ONE ADDITIONAL PARTICIPATING AGENCY TO THE RCFL: Add at least one new participating agency in FY13.

PROVIDE TRAINING TO THE LAW ENFORCEMENT COMMUNITY: Offer more training opportunities to law enforcement agencies within our service area.



NMRCFL detailees at the Grand Opening event are, from left to right: FBI SA William Walker, Albuquerque Police Department (APD) Forensic Examiner (FE) Jeffery Abernathy, FBI SA Thomas E. Durham, Bernalillo County Sheriff's Office FE Kyle Hartsock, Bernalillo County Sheriff's Office FE Jeremy Guilmette, FBI SSA and NMRCFL Director Mary F. Adkins, UNM Intern Kevin Smith, New Mexico State Police (NMSP) FE P. Michael Smith, NMSP FET Michael Gomes, FBI FE Virginia Bateman, and System Administrator Benjamin LeClair.



NORTH TEXAS RCFL

WWW.NTRCFL.ORG

YEAR OPENED: 2000

LABORATORY DIRECTOR:
SSA Allyn Lynd, FBI
(during FY12, SA Michael S. Morris, FBI)

SERVICE AREA: All of North Texas, including Dallas-Fort Worth

NUMBER OF AGENCIES IN SERVICE AREA: 573



Accredited since 2004

PARTICIPATING AGENCIES

- Dallas Police Department
- FBI—Dallas Division
- Garland Police Department
- Grand Prairie Police Department
- Plano Police Department

PROGRESS REPORT

The NTRCFL's progress and accomplishments for FY12 follow—

72 Number of agencies that requested assistance (62 local, 7 state, 3 federal)

353 Number of service requests received (341 local, 7 state, 5 federal)

741 Number of examinations completed

391 Number of TBs processed

398 Number of law enforcement officers trained in various digital forensic tools and techniques

7 Number of times NTRCFL personnel testified in court

70 Number of times NTRCFL personnel participated in onsite operations

230 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 154; LMK: 76)

TOP 5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1 Exploitation/Enticement

2 Homicide

3 Sex Assault

4 Fraud

5 Sex Offense

NOTABLE NEWS

SHOWCASED NEW CAPABILITIES AT DALLAS CONFERENCE:

The NTRCFL exhibited two of the FBI's newest digital forensic "tools"—the Mobile Lab and the Loose Media Kiosk—at the 24th Annual Crimes Against Children Conference (ICAC) in Dallas, Texas. The full-featured Mobile Lab provides digital forensic examination capability on the move. The Loose Media Kiosk allows investigators to safely preview evidentiary data on USB devices, CDs/DVDs, and other portable media in a write-protected environment. The NTRCFL regularly supports the ICAC conference, the largest of its kind in the world, providing basic and advanced training in the detection, investigation, prosecution, and healing interventions in all types of child victimization. It attracts upwards of 3,000 participants.



SUPPORTED MAJOR WEAPONS OF MASS DESTRUCTION INVESTIGATION:

The NTRCFL provided substantial support to all phases of the investigation involving Khalid Aldawsari. Aldawsari, a Saudi citizen and Lubbock, Texas, resident, was convicted in June 2012 of making a weapon of mass destruction and later sentenced to life imprisonment. NTRCFL Director Michael Morris examined Aldawsari's laptop and, at trial, testified about computer searches conducted by the defendant related to making explosives and acquiring chemicals. In early February 2011, a chemical supplier had reported to the FBI a suspicious attempted purchase of concentrated phenol by a man identifying himself as Khalid Aldawsari. When Aldawsari was arrested, the government's affidavit alleged that the defendant had taken a substantial step toward acquiring most of the ingredients and equipment necessary to construct an improvised explosive device and had conducted online research of several potential U.S. targets, including former President George W. Bush's Dallas home. Aldawsari had also allegedly described his desire for violent jihad and martyrdom in blog postings and a personal journal.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **INCREASE USE OF SELF-SERVICE KIOSKS:** The NTRCFL received three cellular telephone kiosks and two loose media kiosks online during FY12. Total kiosk use increased from 32 in FY11 to 230 in FY12.
- ▲ **REDUCE THE BACKLOG:** The NTRCFL's focused attention on reducing backlog resulted in an 85-percent reduction—from 78 at year-end FY11 to 12 at year-end FY12.
- ▶ **COMPLETE STATE/LOCAL CAIR IMPLEMENTATION:** At the end of FY12, the NTRCFL received the equipment for the network that will allow state and local law enforcement agencies to review forensic examination results in their own agency. Because of pending server room construction, the implementation was postponed until FY13.
- ▶ **INCREASE CELLULAR TELEPHONE FORENSIC CAPABILITY:** The NTRCFL developed a curriculum to train examiners not currently trained to perform basic cellular telephone examinations.
- ▼ **INCREASE EXAMINER CADRE:** The NTRCFL did not meet the goal of having two examiners complete their training and adding one additional examiner.

GOALS FOR FY13

- COMPLETE SERVER ROOM:** Once server room is complete, train personnel in use of the new equipment.
- FULLY IMPLEMENT STATE/LOCAL CAIR:** Complete implementation by third quarter of FY13.
- TRAIN ALL NON-CELLULAR TELEPHONE EXAMINERS:** To deal with the increasing number of cellular telephone submissions, provide basic training to forensic examiners on cellular telephone forensics.



NORTHWEST RCFL

WWW.NWRCFL.ORG

YEAR OPENED: 2005

LABORATORY DIRECTOR:
SSA Jennifer C. Burnett, FBI
(during FY12, SSA Nathaniel White, FBI)

SERVICE AREA: Oregon and Southwest Washington

NUMBER OF AGENCIES IN SERVICE AREA: 109



Accredited since 2008

PARTICIPATING AGENCIES

- FBI—Portland Division
- Beaverton Police Department
- Hillsboro Police Department
- Multnomah County, Oregon Department of Criminal Justice
- Oregon State Police, Crime Laboratory
- Oregon State Police
- Portland, Oregon Police Bureau
- Washington County Sheriff's Office

PROGRESS REPORT

The NWRCFL's progress and accomplishments for FY12 follow—

28 Number of agencies that requested assistance (23 local, 3 state, 2 federal)

243 Number of service requests received (116 local, 18 state, 109 federal)

252 Number of examinations completed

156 Number of TBs processed

120 Number of law enforcement officers trained in various digital forensic tools and techniques

3 Number of times NWRCFL personnel testified in court

32 Number of times NWRCFL personnel participated in onsite operations

555 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 331; LMK: 224)

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

TOP 5

1

Exploitation/Enticement

2

Sex Assault

3

Homicide

4

Dangerous Drugs

5

Fraud

NOTABLE NEWS

SUPPORTING CART TESTING PROGRAM: The NWRCFL supported the FBI OTD FSU test and validation program. Examiners tested the hash verification process of a peer-to-peer file sharing program.



MURDER CONVICTION: In September 2012, Kaliq Mansor, a 34 year-old engineer, was found guilty on 10 counts of murder, first-degree assault, and criminal mistreatment in the death of his 11-week-old son and abuse of his twin brother. He was sentenced to the Measure 11 mandatory-minimum sentence for murder of 25 years to life plus three years for additional assaults on both babies. Digital evidence made a significant contribution to the case. NWRCFL Forensic Examiner Justin Lazenby testified to locating user-generated search terms entered prior to the baby's death. Search terms included, but were not limited to, "baby hates father," "Oregon child abuse laws," "how do I stop abusing my baby," "shaken baby syndrome," and "infant abuse symptoms."

GUILTY VERDICT IN ATTEMPTED BOMBING: A jury found Mohamed Osman Mohamud, a naturalized United States citizen born in Somalia in 1991, guilty of attempting to detonate a bomb in Pioneer Courthouse Square during Portland's annual tree-lighting ceremony on November 26, 2010. Approximately 10,000 people attended the event. On that day, Mohamud attempted to detonate what he believed was a vehicle bomb acquired from FBI undercover employees. A Northwest RCFL Forensic Examiner testified at Mohamud's trial as to what his forensic examination entailed, how items are stored and recovered from a computer hard drive forensically, and his identification of numerous items of evidence he located on Mohamud's laptop. Mohamud was convicted of attempted use of a weapon of mass destruction (explosives). He faces a potential sentence of life in prison. The sentencing hearing is set for June 17, 2013.

SCORECARD: PROGRESS AGAINST FY12 GOALS

BOLSTER TRAINING: NWRCFL's initial plan was to bolster training by increasing the number of classes offered. However, with per-class attendance low, the RCFL decided to focus on ensuring better attendance

at each class and maximizing the use of the teaching examiner's time. The RCFL now consolidates monthly CAIR and ImageScan classes and schedules these classes back to back. The result: the number of law enforcement officers trained increased substantially—from 29 to 120 attendees—even though the number of classes held declined by two classes.

- ▼ **ADD AT LEAST ONE PARTICIPATING AGENCY:** NWRCFL was unable to recruit additional participating agencies in large part because of budget cuts that affected local and state agencies in Oregon.
- ▼ **DECREASE THE BACKLOG:** The NWRCFL did not meet this goal; however, it is positioned to do so in FY13 as a result of increased staffing and revised backlog criteria.

GOALS FOR FY13

GAIN ACCREDITATION: Complete the ASCLD/LAB International application and audit.

IDENTIFY NEW PARTNERS : The NWRCFL will recruit at least one new participating agency.

EXPAND CERTIFICATION: Increase the number of MAC Light certified examiners by one.

ENHANCE TRAINING: Host UNIX Certification Training and increase the number of NWRCFL examiners with UNIX certification by one.





ORANGE COUNTY RCFL

WWW.OCRCFL.ORG

YEAR OPENED: 2011

LABORATORY DIRECTOR:
SSA Jason G. Weiss, FBI

SERVICE AREA: Central District
of California

NUMBER OF AGENCIES
IN SERVICE AREA: 252



Accredited since
2013

PARTICIPATING AGENCIES

- Anaheim Police Department
- FBI—Los Angeles Division
- Fontana Police Department
- Fullerton Police Department
- Irvine Police Department
- Los Angeles Police Department
- Los Angeles County Sheriff's 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 (new)
- Santa Ana Police Department
- Westminster Police Department

PROGRESS REPORT

The OCRCFL's progress and accomplishments for FY12 follow—

31 Number of agencies that requested assistance (25 local, 4 state, 2 federal)

641 Number of service requests received (623 local, 10 state, 8 federal)

991 Number of examinations completed

705 Number of TBs processed

835 Number of law enforcement officers trained in various digital forensic tools and techniques

6 Number of times OCRCFL personnel testified in court

44 Number of times OCRCFL personnel participated in onsite operations

1,797 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPK: 1159; LMK: 638)

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

TOP 5

1

Fraud

2

Sex Assault

3

Dangerous Drugs

4

Homicide

5

Exploitation/Enticement

NOTABLE NEWS

WELCOMED NEW PARTNER AGENCY: The Riverside County District Attorney's Office joined the OCRCFL as a participating agency.

IMPLEMENTED SYSTEM TO ALLOW PARTNER AGENCIES TO REVIEW EXAM RESULTS REMOTELY: The OCRCFL implemented the DCAP system, which allows investigators from partner agencies to review the results of forensic examinations from their home offices.

RECEIVED MOBILE FORENSICS LABORATORY: The OCRCFL received one of the six FBI Mobile Forensic Lab vans outfitted with high technology equipment. The vans provide digital forensic examination capability on the move. The laboratory has two examiner workstations, a custom system that generates on-board power needed for lengthy investigations, and ample room for equipment storage. The OCRCFL has used the van in multiple investigations.

CREATED THE IPHAT AND IPEX TRAINING PROGRAM FOR THE FIELD.

SUPPORTED DIVERSE INVESTIGATIONS:

- ▶ **Homicide—Seal Beach Mass Shooting.** The OCRCFL has provided extensive support to the Seal Beach Police Department investigating the murder of eight people and the attempted murder of one at a Seal Beach beauty salon. It was the worst mass murder in Orange County history.
- ▶ **Public Corruption.** The OCRCFL is supporting the investigation of Santa Ana City Councilman Carlos Bustamante, who is was charged in July 2012 with sexually assaulting seven subordinates and committing grand theft of public funds.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▶ **COMPLETE THE INSTALLATION OF INTERNAL TOOLS:** The OCRCFL internal Case Management System and Evidence Control System are both up and running.
- ▶ **COMPLETE THE FBI PRE-ASSESSMENT AND APPLICATION FOR ASCLD/LAB-INTERNATIONAL ACCREDITATION:** The pre-assessment was successfully completed, and the application for ASCLD/LAB-International accreditation was submitted this FY.



- ▶ **COMPLETE STATE/LOCAL CAIR IMPLEMENTATION:** The OCRCFL has implemented the system at all partner agencies. This allows these customers to review the laboratory findings in the convenience of their own offices.
- ▶ **ENHANCE TRAINING:** Began providing more OCRCFL-sponsored classes. OCRCFL is still working on incorporating more training classes into its program.

GOALS FOR FY13

- RECRUIT ADDITIONAL AGENCIES:** Recruit two new agencies to become participating agencies in the OCRCFL.
- ACHIEVE ASCLD/LAB-INTERNATIONAL ACCREDITATION:** Pass ASCLD/LAB-International assessment for International laboratory accreditation.
- EXPAND USE OF TRAINING FACILITY:** Increase the number of regional training classes held at the OCRCFL.
- DEVELOP NEW TRAINING:** Create and teach the new technical "Prosecutors Academy" class.
- EXPAND LIAISON:** Work to increase community liaison contacts throughout the region.



Members of the OCRCFL team review case results. From left, SSA Jason Weiss, OCRCFL Director, Detective Tom Fullerton of the Fullerton Police Department and Detective Joe Monroe of the Irvine Police Department.



PHILADELPHIA RCFL

WWW.PHRCFL.ORG



YEAR OPENED: 2006

LABORATORY DIRECTOR:
SSA Raymond Manna, FBI
(during FY12, SSA J.P. McDonald, FBI)

SERVICE AREA: Philadelphia and Eastern Pennsylvania

NUMBER OF AGENCIES IN SERVICE AREA: 500

Accredited since 2009

PARTICIPATING AGENCIES

- Bucks County (PA) District Attorney's Office
- Delaware County (PA) District Attorney's Office
- FBI—Philadelphia Division
- Lower Merion Township Police Department
- Montgomery County (PA) District Attorney's Office
- Philadelphia Police Department

PROGRESS REPORT

The PHRCFL's progress and accomplishments for FY12 follow—

56 Number of agencies that requested assistance (54 local, 1 state, 1 federal)

193 Number of service requests received (192 local, 1 state)

448 Number of examinations completed

269 Number of TBs processed

643 Number of law enforcement officers trained in various digital forensic tools and techniques

5 Number of times PHRCFL personnel testified in court

33 Number of times PHRCFL personnel participated in onsite operations

830 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 785; LMK: 45)

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

TOP 5

1

Homicide

2

Assault

3

Exploitation/
Enticement

4

Fraud

5

Robbery

NOTABLE NEWS

DOMESTIC TERRORISM: Members of the PHRCFL responded immediately to a crisis at the Philadelphia International Airport after receiving information that a bomb was onboard an aircraft. After the Philadelphia Police successfully extracted the alleged bomber from the plane, members of the PHRCFL quickly examined onsite multiple cellular telephones and one laptop computer belonging to the alleged bomber. This examination produced leads that led to the arrest of two other individuals who had conspired to falsely allege that this man was a bomber. This investigation has not been adjudicated at the end of the FY.

INTERNATIONAL DRUG SMUGGLING: Over the past several years, the FBI has investigated an international drug smuggling operation that used Transportation Security Agency employees to assist in the passing of drugs through airports. After analyzing more than 40 cellular telephones, a PHRCFL forensic examiner was able to produce significant evidence and link the conspirators together. Eighteen individuals were indicted on narcotic trafficking charges. This investigation continues.



In FY12, 643 law enforcement officers were trained at the PHRCFL. Pictured above is the state-of-the-art classroom.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **RAISE PRODUCTIVITY:** The PHRCFL increased the number of completed examinations by 14 percent over the previous fiscal year. This exceeded the goal of a five percent increase.
- ▲ **INCREASE KIOSK USE:** Use of the PHRCFL kiosks rose by more than 50 percent compared to FY11.
- ▲ **BOLSTER TRAINING:** The PHRCFL exceeded its goal of increasing the number of law enforcement officers trained in various digital forensics tools and techniques by a minimum of five percent. The number of personnel trained increased by more than 80 percent, from 352 in FY11 to 643 in FY12.
- ▲ **CONTINUE CAIR IMPLEMENTATION:** The PHRCFL acquired the equipment and began the installation for a review system for state and local customers.
- ▼ **SEEK NEW PARTNERS:** No new participating agencies joined the PHRCFL in FY12. Budgets for local departments remain restricted.

GOALS FOR FY13

- MAINTAIN QUALITY OF SERVICE:** The PHRCFL will maintain the highest quality of service in the digital forensic field while increasing its productivity. Number of completed cases will increase by five percent.
- PROMOTE TRAINING:** Increase the number of training classes offered and also the number of personnel trained by 10 percent.
- GROW THE STAFF:** Add one additional partner and additional staff from existing partner agencies.
- CONTINUE CAIR IMPLEMENTATION:** Successfully implement the state and local case review system.
- REDESIGN THE WEBSITE:** Redesign the laboratory's website to increase its functionality and usefulness to its customers.



ROCKY MOUNTAIN RCFL

WWW.RMRCFL.ORG



YEAR OPENED: 2006

LABORATORY DIRECTOR:
SSA Sean K. O'Brien, FBI

SERVICE AREA: The States of Colorado and Wyoming

NUMBER OF AGENCIES IN SERVICE AREA: 269

Accredited since 2008

PROGRESS REPORT

The RMRCFL's progress and accomplishments for FY12 follow—

59 Number of agencies that requested assistance (52 local, 4 state, 3 federal)

172 Number of service requests received (161 local, 9 state, 2 local)

506 Number of examinations completed

278 Number of TBs processed

72 Number of law enforcement officers trained in various digital forensic tools and techniques

3 Number of times RMRCFL personnel testified in court

4 Number of times RMRCFL personnel participated in onsite operations

109* KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 86; LMK: 23) (*partial year – June 1 to Sept. 30)

PARTICIPATING AGENCIES

- 18th Judicial District Attorney's Office
- Adams County Sheriff's Office
- Arvada Police Department
- Aurora Police Department
- Colorado Bureau of Investigation
- Denver District Attorney's Office
- Denver Police Department
- Douglas County Sheriff's Office
- FBI—Denver Division
- Thornton Police Department (new)
- Jefferson County Sheriff's Office

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



NOTABLE NEWS

ACHIEVED DRAMATIC REDUCTION IN BACKLOG:

To determine what was contributing to the RMRCFL's examination backlog, the laboratory's leadership carefully analyzed examination statistics and business processes. The goal: to identify and eliminate any bottlenecks in the examination and review processes. The results of the analysis led leadership to reorganize the staff and reassign responsibilities, particularly for the various types of reviews. The changes have resulted in a dramatic decrease in backlog—from 122 cases at the end of FY11 to 17 cases at the end of FY12.



SUPPORTED THEATER MASS SHOOTING INVESTIGATION:

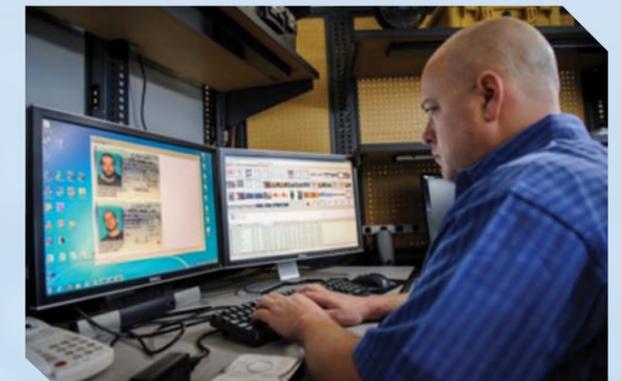
Examiners from the RMRCFL supported the Aurora Police Department, which is leading both the investigation and the digital forensics work in the Aurora, Colorado theater murder investigation. A RMRCFL examiner provided on-site support to the department early in the investigation of the July 20 theater shootings that killed 12. On July 27, 2012, James Holmes was charged with 142 criminal charges including 24 counts of first degree murder—two counts for each of the victims that died. His court date is currently scheduled for February 2014.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **CONTINUE OUTREACH TO LAW ENFORCEMENT:** The Thornton Police Department joined the RMRCFL as a participating agency.
- ▲ **INCREASE THE STAFF:** The RMRCFL welcomed one new examiner during FY12.
- ▲ **REDUCE THE BACKLOG:** The RMRCFL significantly exceeded its goal of reducing backlog by 20 percent. FY12 backlog was 17 cases compared to 122 cases in FY11.

GOALS FOR FY13

- INCREASE PARTICIPATION:** Add at least one participating agency to the RMRCFL.
- INCREASE THE STAFF:** Add at least one new staff member to the RMRCFL team.
- INCREASE NUMBER INVESTIGATORS TRAINED IN CAIR:** Continue to train state and local personnel in CAIR.



Members of the RMRCFL team at work at the RCFL. **Above:** Detective Jack A. Terry, Denver Police Department. **Below:** ITS-FE James M. Stevens, FBI (foreground in black shirt) and Detective Gordon Madonna, Aurora Police Department.





SAN DIEGO RCFL

WWW.SDR CFL.ORG

YEAR OPENED: 1999

LABORATORY DIRECTOR:

SSA James Mailloux, FBI
(during FY12, SSA Craig Porter, FBI)

SERVICE AREA: San Diego and Imperial Counties

NUMBER OF AGENCIES IN SERVICE AREA: 80



Accredited since 2008

PARTICIPATING AGENCIES

- California Highway Patrol
- Carlsbad Police Department
- Chula Vista Police Department
- Department of Homeland Security—Immigration and Customs Enforcement
- El Cajon Police Department
- Escondido Police Department
- FBI—San Diego Division
- La Mesa Police Department
- National City Police Department
- Naval Criminal Investigative Service
- Oceanside Police Department
- San Diego County District Attorney's Office
- San Diego Police Department
- San Diego Sheriff's Department
- U.S. Attorney's Office—Southern District of California

PROGRESS REPORT

The SDR CFL's progress and accomplishments for FY12 follow—

30 Number of agencies that requested assistance (475 local, 14 state, 85 federal)

574 Number of service requests received (475 federal, 14 state, 85 local)

758 Number of examinations completed

492 Number of TBs processed

533 Number of law enforcement officers trained in various digital forensic tools and techniques

35 Number of times SDR CFL personnel testified in court

35 Number of times SDR CFL personnel participated in onsite operations

2,151 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 1,575; LMK: 576)

NOTABLE NEWS

SUPPORTED AWARD-WINNING ICAC TEAM: The SDR CFL is a member of the San Diego Internet Crimes Against Children (ICAC) task force and provides all of the task force's digital forensic support. This year, the San Diego ICAC task force won the U.S. Attorney General's award for Outstanding Contributions to Community Partnerships for Public Safety. The DOJ press release announcing this award stated, "This team has worked tirelessly with federal and local officials as well as community members to fight child exploitation, Internet crimes against children and child sex trafficking. Additionally, the team is working closely with victims and their non-government advocates to address the unique challenges presented by child prostitution and its impact on the community." The SDR CFL is proud to be a part of this outstanding partnership.

REDUCED BACKLOG: The SDR CFL reduced backlog by increasing the use of the CPIK, LMK, and by performing triage and preview of intakes. Other activities included increased management of complex and large cases to reduce potential delays.

DIGITAL EVIDENCE CRITICAL IN CASES: Two of the many examples of cases in which the results of a SDR CFL forensic examination provided critical evidence are described below:

- ▶ In a case involving drug trafficking, money laundering and murder, a SDR CFL examination revealed falsified Amazon.com receipts that were used as a cover for drug shipments. The examiner testified that receipts were altered by Adobe Photoshop and other programs and this testimony was key in proving the drug trafficking and money laundering portions of the case. Digital evidence also allowed prosecutors link the female and male subjects in the case. The female suspect is currently a fugitive, and was to be sentenced to eight years in prison. The male suspect's trial was ongoing at the end of the FY.
- ▶ In a California state case involving child molestation and child pornography, digital evidence is believed to have prompted the defendant to plead guilty to multiple charges just as the jury was being selected. The SDR CFL analysis found evidence that rebutted the defense's assertion that child pornography found on the subject's computer was attributable to a business associate. Instead, the digital forensics revealed that the suspect had a long standing interest in child pornography.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **INCREASE THE NUMBER OF COMPLETED EXAMS BY FIVE PERCENT WHILE MAINTAINING QUALITY OF SERVICE:** With triage and use of the self-service kiosks, the SDR CFL maintained quality digital forensic services and also increased the number of completed exams by almost 12 percent.
- ▲ **EXPAND TRAINING OPPORTUNITIES:** The SDR CFL continued its focus on providing a robust training schedule. In FY12, 533 investigators completed training—30 more than last fiscal year. The laboratory also developed two new classes—an Audio/Video First Responders class and an Investigator's Cell Phone class.
- ▲ **PREPARE FOR ASCLD/LAB-INTERNATIONAL ACCREDITATION:** The San Diego completed a preparatory audit conducted by FBI CART Headquarters personnel. The ASCLD/LAB-INTERNATIONAL audit is scheduled for February 2013.

GOALS FOR FY13

- MAINTAIN QUALITY OF SERVICE:** Continue to maintain the forensic services of the laboratory, timeliness, and productivity of the forensic examination process.
- PROMOTE TRAINING FOR LAW ENFORCEMENT PARTNERS:** Further develop the San Diego RCFL as an instructional center for computer forensics and as a law enforcement training facility.
- ATTAIN ASCLD/LAB-INTERNATIONAL ACCREDITATION:** Successfully complete the ASCLD/LAB-International certification process in 2013.
- COMPLETE THE SDR CFL MOVE:** The SDR CFL is scheduled to move into its new facility in 2013.
- CONTINUE SERVICE REQUEST EFFICIENCIES:** Continue to complete 90 percent of service requests within 90 days.
- INCREASE AUDIO/VIDEO SUPPORT:** Provide an increased level of audio/video support to investigators.

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION





SILICON VALLEY RCFL

WWW.SVRCFL.ORG

YEAR OPENED: 2005

LABORATORY DIRECTOR:
SSA Bryant Ling, FBI

SERVICE AREA: Alameda, San Francisco, San Mateo, and Santa Clara Counties

NUMBER OF AGENCIES IN SERVICE AREA: 125



Accredited since 2006

PARTICIPATING AGENCIES

- Alameda County Sheriff's Office
- Contra Costa Office of the Sheriff
- FBI—San Francisco Division
- Fremont Police Department
- Newark Police Department
- Palo Alto Police Department
- San Francisco Police Department
- San Jose Police Department
- San Mateo County Sheriff's Office

PROGRESS REPORT

The SVRCFL's progress and accomplishments for FY12 follow—

60 Number of agencies that requested assistance (45 local, 8 state, 7 federal)

227 Number of service requests received (197 local, 21 state, 9 federal)

630 Number of examinations completed

535 Number of TBs processed

314 Number of law enforcement officers trained in various digital forensic tools and techniques

8 Number of times SVRCFL personnel testified in court

65 Number of times SVRCFL personnel participated in onsite operations

247 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 181; LMK: 66)

TOP

5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1

Homicide

2

Exploitation/
Enticement

3

Fraud

4

Dangerous
Drugs

5

Sex Offense

NOTABLE NEWS

DELIVERING JUSTICE – GISELLE ESTEBAN GUILTY IN LE MURDER:

The SVRCFL played a key role in the investigation and trial of Giselle Esteban, 28, charged with the murder of nursing student Michelle Le. The case began as a missing person investigation and gained national attention when Le's family launched a high-profile search for the missing woman. A month after Le disappeared, Esteban was arrested after police found blood and DNA evidence linking her to the case. Le's decomposed body was found four months after her disappearance. The results of a SVRCFL forensic examination of a computer owned by the defendant played a key role in the prosecution's case. A senior SVRCFL examiner testified at the trial. The defense did not dispute that Esteban had killed Le, but instead claimed that the murder was the result of "extreme provocation and heat of passion." The jury of six women and six men deliberated for four days before finding Esteban guilty of first degree murder.

SUPPORTING COMPLICATED REAL ESTATE FRAUD CASE: GUILTY VERDICTS FOR SCAMMERS.

The Silicon Valley RCFL provided extensive support in this case involving a group that carried out a complicated multi-million luxury condo scam involving assumed identities, forged documents, and transferred properties. Jay Shah, 48, co-defendant Winston Lum, 48, and three others were charged in a scheme to allegedly transfer control of a woman's three San Francisco condominiums, drain them of their equity, and launder the money. Shah was found guilty of grand theft, money laundering and other fraud charges and received a 20 year sentence. Lum was convicted of filing false documents and grand theft. Kaushal Nirouda, 31, another co-conspirator, is imprisoned for a conviction involving 2008 killing of a Palm Springs retiree. The fourth defendant, Melvin Emerich, 60, was charged with eight felony counts but the jury hung on some of the charges and found him not guilty of others. The fifth alleged scammer, Grachelle Languban, remains outstanding and is believed to have fled to the Philippines. The SVRCFL examined over 30 pieces of digital media and coordinated with several law enforcement agencies on the evidence.

CONDUCTING OUTREACH: The SVRCFL continues to foster awareness of the value of digital forensics at a variety of events in the Bay Area. For example, the lab participated in the FBI booth at the RSA conference; various examiners gave presentations and career fairs in middle and high schools. The SVRCFL also hosted the FBI's Teen Academy and Citizen's Academy.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▲ **INCREASE STAFF CAPABILITIES:** Three trainees from San Francisco, Fremont, and Palo Alto successfully completed all required training and activities and were certified as digital forensic examiners in FY12.
- ▲ **EXTEND THE SVRCFL'S SERVICE OFFERINGS:** The SVRCFL deployed two additional cellular telephone investigative kiosks to locations in San Francisco and San Jose. Investigators from those areas now have closer access to this self-service tool.
- ▲ **REDESIGN THE SVRCFL WEBSITE:** The SVRCFL website was redesigned in FY12 to enhance its functionality.
- ▶ **OBTAIN ASCLD/LAB-INTERNATIONAL ACCREDITATION:** The SVRCFL received Legacy ASCLD/LAB accreditation in 2006, and at the end of FY12, had completed all the pre-assessment work for International accreditation. The assessment was scheduled for November 2012.

GOALS FOR FY13

PROVIDE REMOTE NETWORK ACCESS TO EVIDENCE: Complete installation, test and validation of remote network capabilities that allow local law enforcement agencies to access examination results from their offices. Provide detailed documentation and instructional materials to support this initiative.

PROMOTE TRAINING: To enhance customer knowledge of digital evidence matters, encourage agencies that submit casework or request assistance to send team members to SVRCFL training. To support this effort, host one training class each month at the SVRCFL using instructors from the SVRCFL, commercial vendors, and FBI CART/ Headquarters personnel.

ENHANCE EXAMINER CAPABILITIES: Allow each examiner at the SVRCFL to pursue an additional certification, document and present personal research, or attend technical in-service training to enhance their skills in a new area of digital evidence.



WESTERN NEW YORK RCFL

WWW.WNYRCFL.ORG

YEAR OPENED: 2006

LABORATORY DIRECTOR:
SSA Robert Kosakowski, FBI

SERVICE AREA: 17 Counties in Western New York

NUMBER OF AGENCIES IN SERVICE AREA: 137

PARTICIPATING AGENCIES

- Buffalo Police Department
- Erie County Probation Department
- Erie County Sheriff's Office
- FBI—Buffalo Division
- Monroe County Department of Public Safety
- Niagara Falls Police Department
- United States Department of Homeland Security U.S. Border Patrol

PROGRESS REPORT

The WNYRCFL's progress and accomplishments for FY12 follow—

38 Number of agencies that requested assistance (34 local, 2 state, 2 federal)

106 Number of service requests received (3 federal, 2 state, 101 local)

374 Number of examinations completed

248 Number of TBs processed

0 Number of law enforcement officers trained in various digital forensic tools and techniques

1 Number of times WNYRCFL personnel testified in court

12 Number of times WNYRCFL personnel participated in onsite operations

357 KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensic tools (CPIK: 173; LMK: 184)

NOTABLE NEWS



Timothy Bek

PROVIDED SEARCH SUPPORT LEADING TO BROTHERS' GUILTY PLEAS:

In 2011, members of the WNYRCFL supported the execution of search warrant of the West Seneca, New York, home of Jason Bek, 30, suspected of enticing a minor for sex. The investigation, which included examination of computers and media found during the search, led not only to guilty pleas by Jason Bek, but also provided evidence that his brother Timothy Bek, 25, was involved in producing child pornography. The younger Bek, a substitute teacher, had posed as a female teenager on a social networking website, and using the fictitious identity, persuaded the victims to take explicit photos and videos of themselves and to send these images over the Internet and via text messaging. The images of these underage victims, some of whom were students in schools where Bek taught, were found on Timothy Bek's computers. In April 2012, the younger Bek pleaded guilty to the production and possession of child pornography and was sentenced to 30 years in prison. In December 2011, his brother Jason had pleaded guilty to enticement and coercion of a minor and receipt of child pornography and had received a 12-year sentence.

CONTINUED COMMUNITY OUTREACH: The WNYRCFL continued to provide local high school and college students with a first-hand view of how an RCFL works and the science behind digital evidence. The RCFL conducted numerous laboratory tours during the year.

IMPLEMENTED NEW PROCEDURES: To improve efficiency and reduce backlog, the WNYRCFL implemented call-ahead planning procedures. In addition, the laboratory limited the number of items of evidence that non-participating agencies could submit.

SCORECARD: PROGRESS AGAINST FY12 GOALS

- ▶ **ADD TO THE RANKS:** Efforts are underway to recruit additional agencies to participate in the RCFL, but manpower issues continue to hamper recruitment.
- ▶ **INSTALL DCAP:** The required air conditioning (A/C) upgrade at the WNYRCFL is still ongoing and needs to be completed before DCAP is installed. FBI Headquarters is managing the A/C upgrade.
- ▶ **OBTAIN ASCLD/LAB ACCREDITATION:** The new Quality Manager, hired mid-year, is actively working on preparing the laboratory for accreditation submission.

GOAL FOR FY13

ADD TO THE RANKS: Recruit at least one new agency to participate in the WNYRCFL.

COMPLETE DCAP INSTALLATION: This tool enables state and local agencies to review the results of a forensic examination online in a secure environment rather than needing to travel to the RCFL to review the results.

CERTIFY NEW TRAINERS: Restart the WNYRCFL training program by having several WNYRCFL personnel become certified to teach RCFL classes.

TOP 5

TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION

1
Exploitation/
Enticement

2
Sex Offense

3
Homicide

4
Sex Assault

5
Dangerous
Drugs

ACKNOWLEDGEMENTS

The RCFL Program acknowledges the contributions made by these individuals and organizations during FY12.

NATIONAL ADVISORY COMMITTEE MEMBERS:

- ▶ Chief John Douglass, Co-Chair—Overland Park, Kansas Police Department (Heart of America RCFL)
- ▶ SSA Shelia Teague, Co-Chair—FBI RCFL Unit, (RCFL National Program Office), *replacing SSA Bryan Tepper, FBI*
- ▶ Chief Rick Tanksley—Oak Park Police Department (Chicago RCFL)
- ▶ Constable Ron Hickman—Harris County (Greater Houston RCFL)
- ▶ Chief Chris Burbank—Salt Lake City Police Department (Intermountain West RCFL)
- ▶ Dr. Deborah Keeling—University of Louisville (Kentucky RCFL)
- ▶ Director Kenneth Betz—Miami Valley Regional Crime Lab and Montgomery County Coroner's Office (Miami Valley RCFL)
- ▶ A/Major Hugh Johnson—New Jersey State Police (New Jersey RCFL), *replacing Captain David Jones, New Jersey State Police*
- ▶ Director Alessandro Seazzu—University of New Mexico (New Mexico RCFL)
- ▶ Chief Steve Dye—Grand Prairie Police Department (North Texas RCFL), *replacing Assistant Chief Charles Rene, Garland Police Department*
- ▶ Commander Shawn Fischer—Washington County Sheriff's Office (Northwest RCFL)

- ▶ District Attorney Risa Ferman—Montgomery County District Attorney's Office (Philadelphia RCFL), *replacing District Attorney Michael Green—Delaware County District Attorney's Office*
- ▶ District Attorney Tony Rackaukas—Orange County District Attorney's Office (Orange County RCFL), *replacing Chief Paul Walters—Santa Ana Police Department*
- ▶ Chief Deputy District Attorney General Counsel Dick Reeve—Denver District Attorney's Office (Rocky Mountain RCFL)
- ▶ Chief Ed Aceves—La Mesa Police Department (San Diego RCFL)
- ▶ Chief Dennis Burns—Palo Alto Police Department (Silicon Valley RCFL)
- ▶ Chief Scott Patronik—Erie County Sheriff's Office (Western New York RCFL)

PARTICIPATING AGENCIES



California

- ▶ Alameda County Sheriff's Office
- ▶ Anaheim Police Department
- ▶ California Highway Patrol
- ▶ Carlsbad Police Department
- ▶ Chula Vista Police Department
- ▶ Contra Costa Office of the Sheriff
- ▶ Department of Homeland Security—Immigration and Customs Enforcement
- ▶ El Cajon Police Department
- ▶ Escondido Police Department

- ▶ FBI—Los Angeles Division
- ▶ FBI—San Diego Division
- ▶ FBI—San Francisco Division
- ▶ Fremont Police Department
- ▶ Fontana Police Department
- ▶ Fullerton Police Department
- ▶ Irvine Police Department
- ▶ La Mesa Police Department
- ▶ Los Angeles Police Department
- ▶ Los Angeles County Sheriff's Department
- ▶ National City Police Department
- ▶ Naval Criminal Investigative Service
- ▶ Newark Police Department
- ▶ Newport Beach Police Department
- ▶ Oceanside Police Department
- ▶ Ontario Police Department
- ▶ Orange County District Attorney's Office
- ▶ Orange County Sheriff's Office
- ▶ Palo Alto Police Department
- ▶ Riverside County District Attorney's Office (new)
- ▶ San Diego County District Attorney's Office
- ▶ San Diego Police Department
- ▶ San Diego Sheriff's Department
- ▶ San Francisco Police Department
- ▶ San Jose Police Department
- ▶ San Mateo County Sheriff's Office
- ▶ Santa Ana Police Department
- ▶ Westminster Police Department
- ▶ U.S. Attorney's Office—Southern District of California



Colorado

- ▶ 18th Judicial District Attorney's Office
- ▶ Adams County Sheriff's Office
- ▶ Arvada Police Department
- ▶ Aurora Police Department
- ▶ Colorado Bureau of Investigation
- ▶ Denver District Attorney's Office
- ▶ Denver Police Department
- ▶ Douglas County Sheriff's Office
- ▶ FBI—Denver Division
- ▶ Thornton Police Department (new)
- ▶ Jefferson County Sheriff's Office



Idaho

- ▶ Ada County, Idaho Sheriff's Office
- ▶ Boise City, Idaho Police Department (new)



Illinois

- ▶ Chicago Inspector General's Office
- ▶ Chicago Police Department
- ▶ Cook County Sheriff's Office
- ▶ Cook County State's Attorney's Office (new)
- ▶ FBI—Chicago Division
- ▶ Joliet Police Department
- ▶ Lombard Police Department
- ▶ Oak Park Police Department
- ▶ Palatine Police Department
- ▶ U.S. Customs and Border Protection



Kansas

- ▶ Johnson County, Kansas Sheriff's Office
- ▶ Kansas Bureau of Investigation (KBI)
- ▶ Kansas City, Kansas Police Department
- ▶ Lawrence, Kansas Police Department
- ▶ Lenexa, Kansas Police Department
- ▶ Olathe, Kansas Police Department
- ▶ Overland Park, Kansas Police Department
- ▶ Shawnee County, Kansas Sheriff's Office
- ▶ Topeka, Kansas Police Department
- ▶ U.S. Attorney's Office—District of Kansas



Kentucky

- ▶ FBI—Louisville Division
- ▶ Jefferson County Sheriff's Office (new)
- ▶ Kentucky Department of Criminal Investigations
- ▶ Kentucky State Police
- ▶ Louisville Metro Police Department
- ▶ University of Louisville



Missouri

- ▶ Clay County, Missouri Sheriff's Office
- ▶ FBI—Kansas City Division
- ▶ Gladstone, Missouri Police Department (new)
- ▶ Grandview, Missouri Police Department
- ▶ Independence, Missouri Police Department
- ▶ Kansas City, Missouri Police Department
- ▶ Lee's Summit, Missouri Police Department
- ▶ Missouri State Highway Patrol
- ▶ North Kansas City, Police Department

- ▶ Platte County, Missouri Sheriff's Office
- ▶ U.S. Attorney's Office—Western District of Missouri
- ▶ U.S. Department of Agriculture—Office of Inspector General (rejoined)



Montana

- ▶ Billings, Montana Police Department



New Jersey

- ▶ FBI—Newark Division
- ▶ Jersey City Police Department
- ▶ Monmouth County Prosecutor's Office
- ▶ New Jersey Division of Criminal Justice
- ▶ New Jersey Office of the Attorney General
- ▶ New Jersey State Police
- ▶ Somerset County Prosecutor's Office



New Mexico

- ▶ Albuquerque Police Department
- ▶ Bernalillo County Sheriff's Office
- ▶ FBI—Albuquerque Division
- ▶ New Mexico State Police Department
- ▶ U.S. Fish and Wildlife Service, Office of Law Enforcement (new)
- ▶ University of New Mexico



New York

- ▶ Buffalo Police Department
- ▶ Erie County Probation Department
- ▶ Erie County Sheriff's Office

- ▶ FBI—Buffalo Division
- ▶ Monroe County Department of Public Safety
- ▶ Niagara Falls Police Department
- ▶ United States Department of Homeland Security—U.S. Border Patrol



Ohio

- ▶ Dayton Police Department
- ▶ FBI—Cincinnati Division, Dayton Resident Agency
- ▶ Lebanon Police Department
- ▶ Miami Valley Regional Crime Laboratory



Oregon

- ▶ FBI—Portland Division
- ▶ Beaverton Police Department
- ▶ Hillsboro Police Department
- ▶ Multnomah County, Oregon Department of Criminal Justice
- ▶ Oregon State Police, Crime Laboratory
- ▶ Oregon State Police
- ▶ Portland, Oregon Police Bureau
- ▶ Washington County Sheriff's Office



Pennsylvania

- ▶ Bucks County (PA) District Attorney's Office
- ▶ Delaware County (PA) District Attorney's Office
- ▶ FBI—Philadelphia Division
- ▶ Lower Merion Township Police Department
- ▶ Montgomery County Coroner's Office
- ▶ Montgomery County (PA) District Attorney's Office
- ▶ Philadelphia Police Department



Texas

- ▶ Dallas Police Department
- ▶ FBI—Dallas Division
- ▶ FBI—Houston Division
- ▶ Garland Police Department
- ▶ Grand Prairie Police Department
- ▶ Harris County District Attorney's Office
- ▶ Harris County Precinct 4 Constable's Office
- ▶ Harris County Sheriff's Office
- ▶ Houston Police Department
- ▶ Pasadena Police Department
- ▶ Plano Police Department
- ▶ Texas Department of Public Safety



Utah

- ▶ FBI—Salt Lake City Division
- ▶ Murray City, Utah Police Department
- ▶ Salt Lake City, Utah Police Department
- ▶ Sandy City, Utah Police Department
- ▶ Utah Attorney General's Office
- ▶ Utah Department of Public Safety
- ▶ West Valley City, Utah Police Department



To learn more about the RCFL Program, go to www.rcfl.gov

Engineering Research Facility
Building 27958-A
Quantico, VA 22135
RCFL National Program Office

Telephone: 703-985-3677
Email Address: npo@rcfl.gov

