



# REGIONAL COMPUTER FORENSICS LABORATORY PROGRAM

**ANNUAL REPORT**  
FISCAL YEAR 2011





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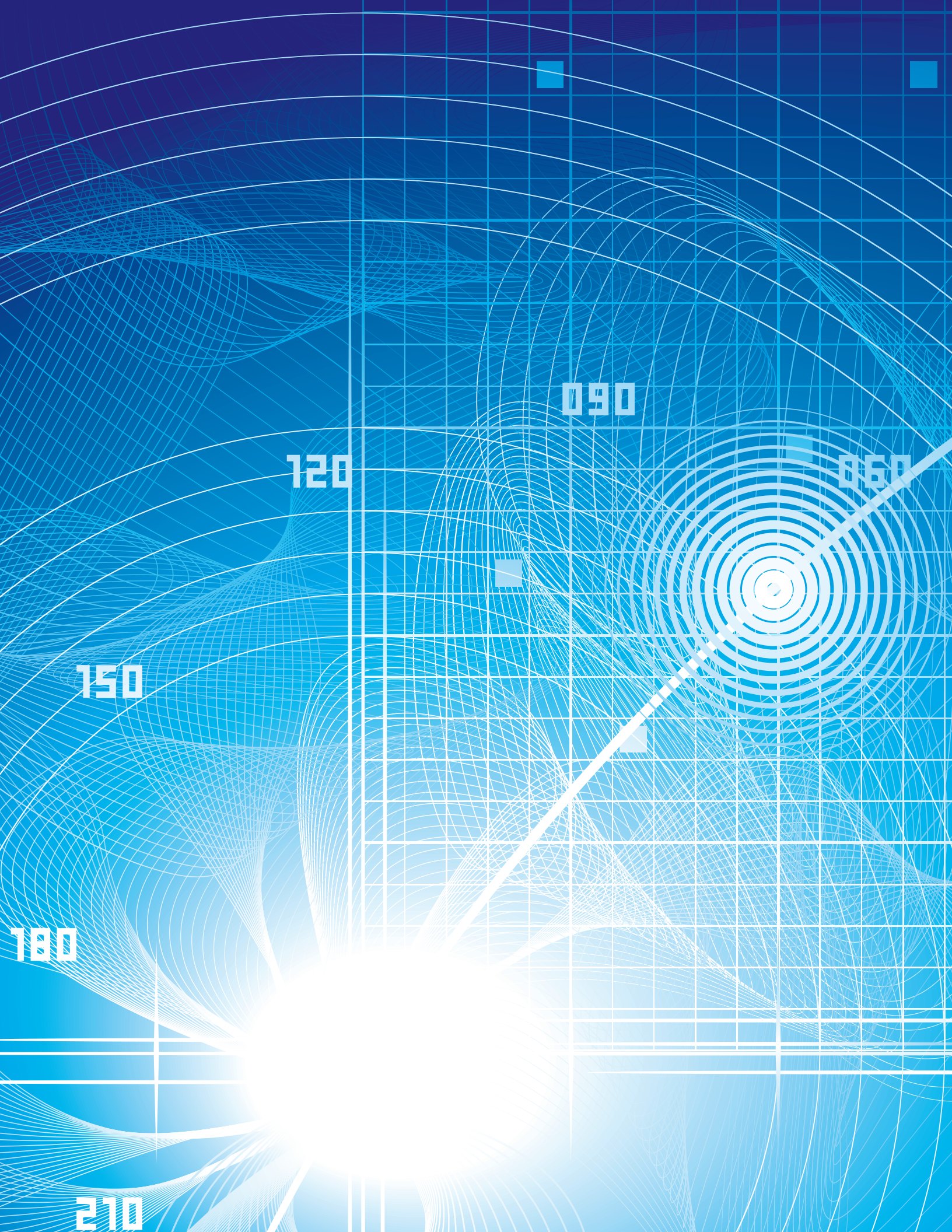
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# FOREWORD

As in previous years, members of the Federal Bureau of Investigation's (FBI) Regional Computer Forensics Laboratory (RCFL) Program again supplied digital forensics expertise to investigators charged with solving a broad range of crimes and to prosecutors responsible for securing criminal convictions in fiscal year 2011 (FY11). Subjects included homegrown terrorists planning to do harm on American soil, governors hatching illicit schemes to enrich themselves, trusted members of society using their positions to sexually exploit children, and more.

This report describes these investigations, and provides an accounting of the program's accomplishments in FY11. This year was characterized by high productivity, innovation, and most important, measurable results, including the expansion of the RCFL network. On January 5, 2011, FBI Director Robert S. Mueller, III, along with law enforcement officials from Southern California, presided over the Orange County RCFL's grand opening—it was a great day for everyone. And, just a few months earlier, the program hosted another momentous event by broadcasting a webinar on live capture—a growing and increasingly important digital forensics technique. Approximately 1,700 law enforcement and government personnel joined us from around the country and the world to watch this live educational seminar.

We attribute our sustained success to several positive constants that drive the RCFL Program, beginning with the steadfast dedication of our examiners and the 132 participating agencies, including the FBI, that make the program possible. It has been said many times but bears repeating—nearly every crime committed today involves digital evidence in some way, shape, or form. This is no longer a casual observation or an emerging trend monitored by law enforcement—it is the reality of our world today. The founders of the RCFL program recognized this phenomenon years ago when a tablet was something to write on, and a “hotspot” was the newest restaurant in town. For better or worse, technology has changed the way we live and work, and it has transformed the way in which law enforcement operates. The RCFL Program is proof of that, and we will continue adapting, innovating, and preparing so we can meet and overcome the challenges of tomorrow.



Bryan Tepper, Unit Chief

RCFL National Program Office



1.0



# INTRODUCTION

This document presents the Regional Computer Forensics Laboratory (RCFL) Program's accomplishments in fiscal year 2011 (FY11), which covers the period from October 1, 2010 to September 30, 2011.

An RCFL is a full-service digital forensics laboratory and training center devoted entirely to the impartial analysis of digital evidence in support of a criminal or national security investigation. The RCFL Program comprises 16 such facilities nationwide; their activities are overseen by both the RCFL National Program Office (NPO) and a Local Executive Board (LEB). Each LEB comprises the heads (or their designated representatives) of an RCFL's participating agencies, who are responsible for overseeing the RCFL with which they are aligned. The Federal Bureau of Investigation (FBI) provides the funding and necessary training to operate an RCFL, while the participating agencies supply the personnel to work at each facility.

## SERVICES

RCFLs provide their services and training upon request to law enforcement agencies located within their designated service areas. However, because all RCFL personnel must earn FBI certification as digital forensics examiners and follow a standardized set of evidence handling and operating procedures, the program's examiners are capable of supporting an investigation anywhere, at any time.

## QUALITY CONTROL

Since its inception, the program has demonstrated a strong commitment to providing the highest quality digital forensics services to law enforcement. To date, three-fourths of RCFLs have earned accreditation from the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB) in digital evidence and multimedia. The Intermountain West and North Texas RCFLs have also earned international accreditation from ASCLD/LAB, with the New Jersey and Silicon Valley RCFLs preparing to do so in FY12.



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

2.0





# FY11 PROGRAM ACCOMPLISHMENTS

In its earlier days, the RCFL Program experienced nearly exponential growth. The peak years were 2005, when five RCFLs opened, and 2006, when four RCFLs came online. As with any growth period, the pace of RCFL openings eventually slowed and expansion leveled off, but thankfully did not cease. In 2008, FBI Director Mueller selected two new host sites for RCFLs in Los Angeles, California, and Albuquerque, New Mexico. Planning for both facilities started immediately. Many of the Orange County RCFL's (OCRCFL) participating agencies officially joined the program shortly after the selection announcement was made in 2008. Three years later, their teamwork culminated in the grand opening of the OCRCFL on January 5, 2011. The OCRCFL is available to approximately 250 law enforcement agencies in its service area, and under the leadership of Laboratory Director Jason G. Weiss, has already made important contributions to the program in terms of services and training.

As the OCRCFL was being formed, members of the Albuquerque Division, along with its participating agencies, were making similar plans to establish the New Mexico RCFL (NMRCFL). Their tireless efforts will culminate in a grand opening scheduled for early FY12, with Special Supervisory Agent (SSA) Mary Adkins at the helm as the laboratory director. Currently, there are no plans to establish new RCFLs in the foreseeable future; however, the RCFL NPO is evaluating several proposals involving the opening of Transitional RCFLs, which are smaller in scale than traditional RCFLs, but would provide many of the same capabilities.

## MEASURING SUCCESS

The RCFL Program measures success using three main progress indicators:

- Laboratory Performance
- Outreach/Partnerships
- Casework.

The next section presents the accomplishments for each category in FY11.



FBI Director Mueller cuts the ceremonial red ribbon officially opening the OCRCFL. Pictured from left to right are: U.S. Attorney for the Central District of California Andre Biotte, Jr., Assistant Director in Charge (ADIC) Steven M. Martinez (FBI Los Angeles), FBI Director Robert S. Mueller, III (FBI), Orange County District Attorney Tony Rackauckas (OCDA), and Police Chief John Welter (Anaheim Police Department).



FBI Director Mueller speaks before an invited audience during the OCRCFL's official opening. Pictured from left to right are: U.S. Attorney Andre Biotte, Jr., FBI Director Robert S. Mueller, III, OCDA Tony Rackauckas, and ADIC Steven M. Martinez.



OCRCFL Laboratory Director Jason Weiss shows FBI Director Mueller some of the more unusual devices the staff may examine as part of their duties.

# FY11 ACCOMPLISHMENTS BY THE NUMBERS



## DIGITAL FORENSICS SERVICES

### Agency Requests: 766

Number of agencies that requested RCFL assistance.

### Service Requests Received: 6,318

Number of requests for assistance received by all RCFLs.

### Field Services: 689

Number of onsite operations conducted by law enforcement for which RCFLs provided assistance.

### Examinations Conducted: 7,629

Number of digital forensics examinations conducted by RCFL personnel.

### Terabytes Processed: 4,263

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. RCFLs collectively processed 4,263 TBs of data in FY11.

### Examiner Testimony in Court: 97

Number of times RCFL Examiners testified in court and/or at hearings.



## KIOSK SERVICES

### Cell Phone Investigative Kiosk (CPIK)

#### Usage: 5,956

The collective number of times law enforcement officers used the CPIK at RCFLs to examine cellular telephones in support of a criminal or national security investigation.

### Loose Media Kiosk (LMK) Usage: 1,683

The collective number of times law enforcement officers used the LMK, at the RCFLs that have them, to analyze the contents of loose media (e.g., universal serial bus [USB] devices and CDs/DVDs) in support of a criminal or national security investigation.



## PROGRAM SERVICES

### Training Conducted: 5,727

The number of law enforcement personnel trained by the RCFL/Computer Analysis Response Team (CART) staff in various digital forensics techniques.

### Program Products/Educational Materials Distributed: 6,767

The number of copies of educational and training materials (e.g., manuals, webcast DVDs, field guides, bookmarks) distributed to law enforcement personnel and the general public (non-sensitive materials only).

### Certificates of Completion: 830

The number of downloads for a certificate of completion. Because webcasts are part of the program's Continuing Education Series training initiative, viewers may download and print a certificate of completion showing they observed any of the program's 2-hour educational sessions.

## LABORATORY PERFORMANCE

The RCFL NPO used a variety of metrics to measure performance and ensure accountability program-wide and at the laboratory level, which is further explored in Part 2 of this report. The accomplishments presented on page 4 illustrate the cumulative laboratory performance metrics for the entire program during FY11.

## OUTREACH/PARTNERING

The concepts of partnering with and conducting outreach to others in the law enforcement community are two core principles of the RCFL Program. At the heart of these efforts are the program's participating agencies, which are critical to its long-term health and success. An organization that enters into a Memorandum of Understanding with the FBI formally becomes a participating agency in the RCFL Program. In return for assigning staff members to the laboratory, that organization and its personnel receive valuable benefits, including training, access to digital forensics examination and advisory services, potential use of a mobile telephone and vehicle while on duty, and a direct stake in the management of the RCFL.

At the close of FY11, the participating agency roster stood at 130—an impressive achievement given the financial strain under which many police agencies and their municipalities are currently operating. This number is indicative of the participating agencies' shared level of commitment to the program, their communities, and the nation, because RCFL examiners may be relied on to provide digital forensics services in the event of a national crisis or in support of a major national/international operation.

In addition to the working relationships with its participating agencies, the RCFL Program is greatly benefitting from the following relationships. They are helping us deliver excellent digital forensics services and training to the law enforcement community.

## ASSETS FORFEITURE FUND PARTNERSHIP

The RCFL Program works closely with the Department of Justice's (DOJ) Assets Forfeiture Fund (AFF) staff to manage AFF-related resources provided to the program. The availability of these funds made the following achievements possible during FY11:

**Reduced the Backlog**—Reducing backlogs results in more digital forensics examinations completed across the board and therefore remains a top priority for the program. At the close of FY11, 7 of 15 RCFLs—almost half—reported a backlog reduction. Because of the availability of AFF resources, the RCFL Program could reimburse state and local agencies for overtime worked by eligible examiners.

**Leased Motor Vehicles**—A total of 111 motor vehicles were leased to state and local examiners during the fiscal year, which facilitated the participation of RCFL personnel in 584 onsite operations. By having vehicles at their disposal, examiners could quickly respond to calls for on-scene digital forensics support (e.g., time sensitive or emergency requests, such as incidents involving a missing child, kidnapping, and others).

**Equipment Purchases**—Each year, thousands of electronic devices associated with criminal or national security investigations are submitted to RCFLs for examination. RCFL staff members need access to a wide variety of tools, technologies, hardware, and software to examine these items. In FY11, RCFL personnel collectively examined approximately 34,400 pieces of digital media, such as laptop computers, cellular telephones, tablets, and gaming devices.

**Provided Overtime Reimbursement**—The RCFL NPO received 3,805 reimbursement requests for overtime from 86 state and local participating agencies. The text box below displays how a portion of AFF resources were applied to support specific types of investigations.

### TOP 5 OFFENSES ASSOCIATED WITH OVERTIME REQUESTS FOR STATE, LOCAL, AND NON-FBI FEDERAL AGENCIES FOR FY11

- Exploitation/Enticement
- Homicide
- Sexual Assault
- Fraud
- Sexual Offense

## CYBER DIVISION PARTNERSHIP

The FBI's Cyber Division is charged with investigating high-tech crimes such as cyber-based terrorism, computer intrusions, online sexual exploitation, and major cyber frauds. In many instances, RCFL/CART personnel team with their high-tech counterparts—pooling expertise and resources to capture cyber criminals operating at home and abroad. The RCFL NPO also works closely with the Cyber Division to educate law enforcement, featuring a Cyber expert on its FY11 webinar panel and planning to do so again in FY12. The following examples illustrate how digital forensics examiners and Cyber personnel work hand-in-hand to defeat criminals:



**Operation Trident Breach**—This Cyber-led operation involving members of the FBI and international law enforcement was formed to break up an international cyber gang responsible for causing losses of nearly \$70 million to financial institutions worldwide. Examiners assigned to the Philadelphia, Silicon Valley, and San Diego RCFLs, along with

two HQ CART examiners, provided expert digital forensics support to investigators and collected approximately 12 TBs of data, which is roughly equivalent to the information in 12,000 encyclopedias. On September 30, 2010, five gang members were arrested, and to date, evidence seizures in 24 cities in 12 countries have occurred in the ongoing investigation.



### Teacher Arrested on Child Pornography Charges—

The FBI's Buffalo Cyber Task Force, with representatives from the FBI, the Buffalo Police Department and the Niagara County Sheriff's Office (both are participating agencies in the Western New York RCFL (WNYRCFL), and the Cheektowaga Police Department, conducted an investigation that led to the June 2, 2011 arrest of Timothy Bek, 25, a former substitute teacher. The WNYRCFL examined digital media seized during the investigation that revealed Bek used a fake Facebook account to entice minors, including students in his school district, to send him explicit images of themselves. Bek faces a possible 15-year prison term at his sentencing scheduled for May 2012.

## NEW PARTICIPATING AGENCIES IN FY11

The RCFL Program welcomed eight new participating agencies in FY11:



Greater Houston RCFL  
Texas Department of Public Safety



Silicon Valley RCFL  
Contra Costa Office of the Sheriff  
San Mateo County Sheriff's Office



Intermountain West RCFL  
Murray City Police Department  
Boise City Police Department



Western New York RCFL  
Monroe County Public Safety Department



Orange County RCFL  
Ontario Police Department



Orange County RCFL  
Fontana Police Department



**Innocent Images Task Force**—A tip from the Cyber Division’s Innocent Images Task Force in Virginia led to the arrest and eventual conviction of Donald R. Peppers, 36, in Illinois. In 2009, authorities, including members of the Chicago RCFL (CGRCFL), acted on information provided by the task force and lawfully searched Peppers’ home and seized digital evidence. The CGRCFL examiners located hundreds of thousands of images and videos of child pornography on the seized devices, including ones showing Peppers himself molesting a 1-year-old child. Peppers was sentenced to a 27-year federal prison term on December 15, 2010.



**FBI Cyber Crimes Task Force**—William Brian Duncan, 40, of Leavenworth, Kansas, seemed like a model citizen. He served on the Lansing Police Department, where he was named Officer of the Year in 2008, and he also was a member of the local school board. All was not as it appeared. On January 4, 2011, federal prosecutors charged Duncan with using the Internet to entice a minor to engage in sexual activity and with crossing state lines to have sex with a child. The Heart of America RCFL (HARCFL) provided digital forensics expertise to the FBI’s Cyber Crimes Task Force located in Kansas City, which investigated the case. Duncan pled no contest to the charges and faces either 10 years in federal prison without parole or a life sentence in federal prison without parole, plus a fine of up to \$500,000.



**Operation Oriochi**—Members of the Philadelphia RCFL (PHRCFL) supported this major Cyber intrusion investigation, which at one point, launched simultaneous legal searches in countries around the world, including the United States, as two PHRCFL examiners successfully imaged two servers located in the Philadelphia region. The investigation continues.

## THE NATIONAL ADVISORY COMMITTEE PARTNERSHIP

The program’s National Advisory Committee (NAC) brings together senior law enforcement executives from the participating agencies who are actively involved with the operations of their respective RCFLs. NAC members provide individual advice, unique insights, and recommendations to senior FBI officials at the headquarters level to address common operational and fiscal challenges facing all RCFLs. During FY11, the NAC held two in-person meetings.



Shown here are some members of the NAC during their fall 2011 bi-annual meeting held at the New Mexico RCFL.

## CASEWORK

The program's accomplishments are measured by statistics, but also by the advancement of investigations and successful prosecutions where RCFL staff provided digital forensics support and/or testified in court. In numerous instances, digital evidence played an important role in the prosecution's case—providing a window into the events that occurred before, and sometimes after, the crime was committed.

The following examples illustrate the types of investigations that RCFLs supported during FY11.

## TERRORISM



### **Iraqi Nationals Indicted in**

**Kentucky**—In June 2011, Mohanad Shareef Hammadi, 24, and co-conspirator Waad Ramadan Alwan, 30, both Iraqi nationals, were arrested and indicted

for allegedly carrying out numerous improvised explosive device (IED) attacks against U.S. troops while living in Iraq. In 2009, both suspects relocated to Bowling Green, Kentucky, and allegedly unknowingly collaborated with an informant from late 2009 through early summer 2011 to acquire what they thought were working weapons. Their alleged intent was to ship the weapons, along with financial aid, to Al-Qaida in Iraq. On December 16, 2011, Waad Ramadan Alwaan pled guilty to carrying out numerous IED attacks against U.S. troops in Iraq. The Kentucky RCFL (KRCFL) provided digital forensics expertise to investigators in this investigation.



### **"Jihad Jane" Conspirators Plead**

**Guilty**—Homegrown terrorists, Colleen LaRose, aka "Jihad Jane," and Jamie Paulin Ramirez, 32, each pled

guilty in FY11 on multiple charges involving terrorism. The PHRCFL supported the investigation, which revolved around a plot to murder Swedish cartoonist Lars Vilks, who angered Muslims by drawing the prophet Muhammad with the body of a dog. LaRose was arrested in Philadelphia in 2009 and eventually pled guilty to conspiracy to support terrorists, conspiracy to kill in a foreign country, lying to investigators, and attempted identity theft. Paulin Ramirez pled guilty to one count of conspiracy to provide material support to terrorists and faces up to 15 years in prison and a \$250,000 fine, while LaRose faces life in prison.



### **Chicago Businessman Found Guilty on**

**Terrorism Charges**—While the Jihad Jane conspirators planned to murder Lars Vilks for his depiction of the prophet Muhammad, Pakistani native and former

Chicago businessman Tahawwur Rana was indicted for planning to bomb the Danish newspaper that published the cartoon, and for providing material support to the terrorists responsible for the 2008 Mumbai, India, attacks. The CGRCFL provided digital forensics expertise to investigators. In June 2011, Rana was cleared of the charges involving the Mumbai siege but was convicted of providing material support to the Pakistani militant group. In September 2011, his attorney filed for a new trial as Rana awaits final sentencing.

## CRIMES AGAINST CHILDREN



### Church Scandal Unfolds in

**Missouri**—The HARCFL is supporting the investigation of former priest Shawn Ratigan, 46, who pled not guilty to multiple child pornography charges.

In December 2010, a computer technician discovered pornographic images on Ratigan's laptop and alerted the Diocese. Church officials did not contact law enforcement at that time but instead made a copy of the images and gave the laptop to Ratigan's family members, who destroyed the device. Following these events, Ratigan attempted suicide, survived, and was sent for a psychiatric evaluation. Three months later, the Catholic Diocese of Kansas City reassigned him to a church in rural Missouri. Despite being warned to stay away from children, Ratigan was seen attending social events where minors were present. In May 2011, these events finally prompted the church to alert the Kansas City Police Department, a participating agency in the HARCFL. Ratigan's trial is set to begin in summer 2012. The investigation also resulted in a misdemeanor charge being filed against Bishop Robert W. Finn, head of the Catholic Diocese of Kansas City, for failing to immediately report child abuse suspicions to authorities. Bishop Finn pled not guilty and faces a maximum of 1 year in prison and a \$1,000 fine.



### New Jersey Trio Charged with Disturbing Crimes

—Gary Cramer, 26, Stephanie Bennett, 24, and Rachel Baker, 20, each face multiple charges

of sexual depravity and child exploitation. Two of the New Jersey RCFL's (NJRCFL) participating agencies, the New Jersey State Police (NJSP), and the New Jersey Division of Criminal Justice, led the investigation. The NJSP lawfully seized computers and mobile telephones owned by Cramer and Bennett and submitted them to the NJRCFL for examination. The trio collectively faces 31 charges, including aggravated sexual assault and endangering the welfare of a child. Bennett allegedly videotaped herself performing a sexual act on a 5-month-old infant, while Baker allegedly coaxed an 8-year-old girl to perform a sexual act with a 13-year-old boy, photographed it, and emailed it to Cramer. The investigation continues.



### Former Music Teacher Victimized Students

—The San Diego RCFL (SDRCFL) provided digital forensics expertise for an investigation involving Southern California music teacher Mark Lewis Kinney, 48, who was arrested in 2009 for sexually assaulting three of his female students—all under the age of 14. An SDRRCFL examiner testified at Kinney's trial, which ended with his conviction on 8 of 10 counts involving child molestation and possession of child pornography. On March 18, 2011, Kinney was sentenced to 15 years to life in prison, is not eligible for parole until he serves the initial sentence, and must register as a sexual offender for the rest of his life.



### Ohio Couple Sexually Abused a

**Minor**—Randall Bowling, 34, and Andrea Mytton, 33, both engaged in sexual acts with a 13-year-old girl

who played soccer on the team that Bowling once coached. The girl's parents discovered the sexual abuse and reported it to authorities on November 24, 2010. An investigation was launched, during which computers and mobile telephones were brought to the Miami Valley RCFL (MVRRCFL) for examination. The examiner's findings shed light on the sexual relationship between the victim and the couple. Two weeks after the investigation began, the couple was arrested and charged with unlawful sexual conduct with a minor. On May 27, 2011, the pair was sentenced to a 3-year prison term. Press reports stated the victim was pregnant and Bowling was the father.



### Sex Offender Convicted

—The Greater Houston RCFL (GHRRCFL) supported the successful prosecution of Bart Hughes, 58, on child pornography charges. The GHRRCFL examined Hughes' computer and discovered more than 560 videos of child pornography, which he distributed using peer-to-peer software. Hughes was convicted and faces a minimum of 15 years and a maximum of 40 years in federal prison for distributing child pornography, and 20 years maximum for possessing child pornography. He may also have to pay up to \$250,000 in fines and must register as a sex offender.



Examiner Mike Avella received a commendation for his work on the Stropas case. Shown from left to right are: J.P. McDonald, Director of the PHRCFL, Springfield Township Police Chief Joseph Daly, Examiner Avella, and Delaware County District Attorney Mike Green, who is also a member of the PHRCFL's Local Executive Board and the RCFL Program's National Advisory Committee.

## HOMICIDE



### Digital Evidence Helps Land Murder Conviction

Digital evidence played a key role in the prosecution and conviction of Sean Burton, who fatally stabbed Iraq war veteran James Stropas, 32, on June 21, 2010. Burton placed a Global Positioning System (GPS) tracking device under Mr. Stropas' vehicle and accessed the device more than 100 times, including the day of the murder. GPS trackers monitor a car's location and speed, with more sophisticated models having the capability to send this data in real time to the user's computer. Examiner Mike Avella testified that when he accessed Burton's computer, he found information regarding "Black Line GPS," which turned out to be the same device found on Mr. Stropas' vehicle. This was a valuable clue for investigators, who did not know the GPS' manufacturer at the time because there were no markings on it. According to prosecutors, Burton's motive for homicide was jealousy regarding Mr. Stropas' relationship with his ex-wife. After tracking down Mr. Stropas using data from the GPS device, Burton stabbed the war veteran nearly 80 times in the upper body. Burton claimed he acted in self-defense; however, the jury found him guilty after deliberating for 3-1/2 hours. Burton received a mandatory sentence of life in prison without parole.



### Ethan Stacy Investigation

The investigation into the murder of Ethan Stacy, 4, continues, long after his mother, Stephanie Sloop, reported him missing on May 11, 2010. The Intermountain West RCFL (IWRFCFL) is providing digital forensics expertise to investigators, who discovered Ethan's remains in a shallow grave the day after he was reported missing and classified the cause of his death as "severe abuse." Stephanie and Nathaniel Sloop were charged with Ethan's murder and remain in police custody. Nathaniel Sloop admitted to locking Ethan in his bedroom so the couple could get married on May 9, 2010. Press reports stated that when the Sloops found Ethan dead, they feared being held responsible for his demise and allegedly concocted a plan to bury his body in Ogden Canyon. The couple was charged with capital murder, child abuse, and obstructing justice, and if convicted, may receive the death penalty. For the past 2 years, on the anniversary of Ethan's passing, supporters, calling themselves "Ethan's Army," hold an organized walk in his memory to raise awareness about child abuse. A trial date has not been set for the Sloops.



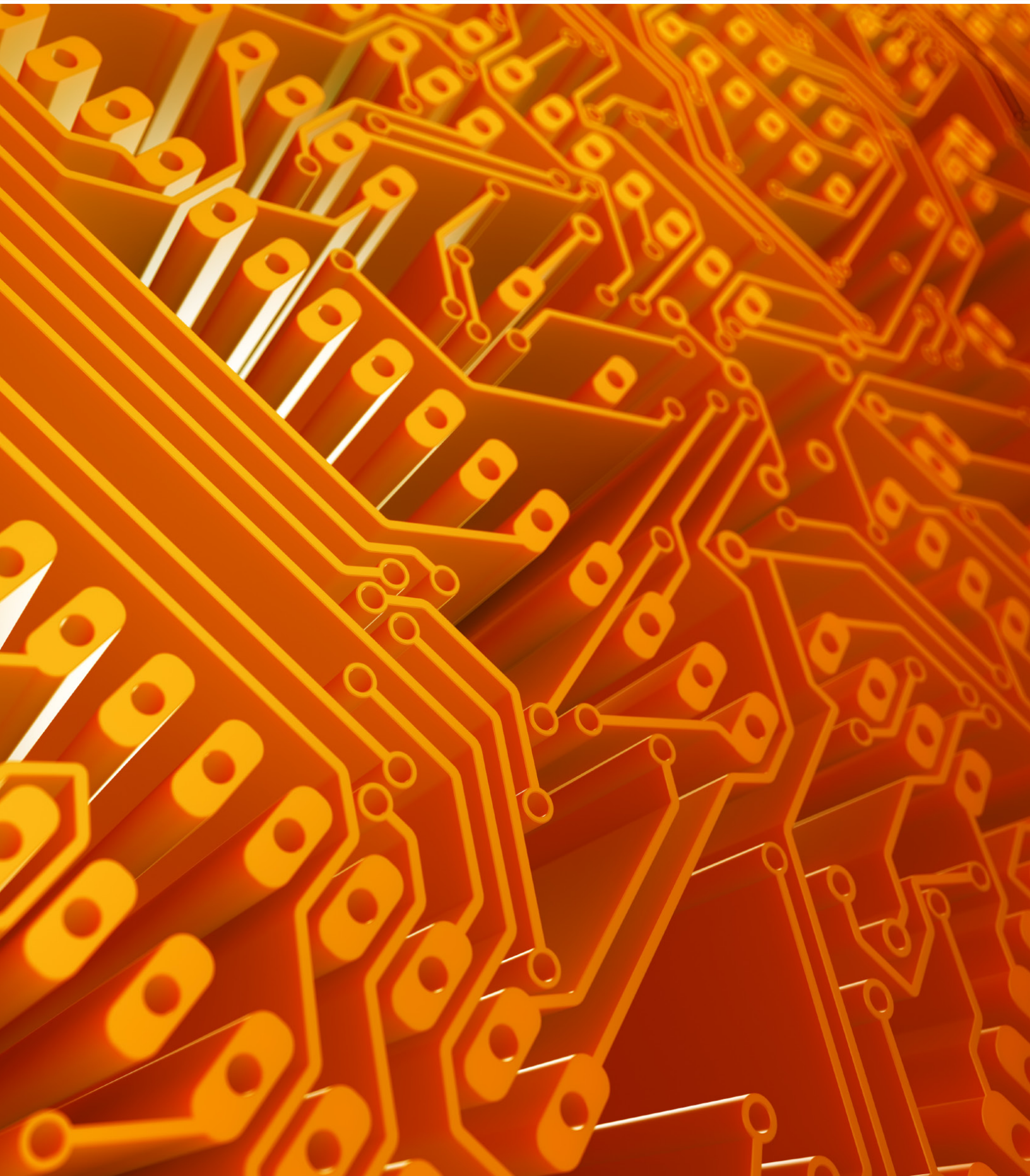


### California Nursing Student Is Murdered

—A combination of digital evidence and DNA led to the arrest of Giselle Esteban, 27, for the murder of aspiring nurse Michelle Le, 27. On May 27, 2011, Le took a work break at a San Francisco area hospital, telling a classmate she was going to her car, but she never returned. The Silicon Valley RCFL (SVRCFL) analyzed videotape retrieved from the hospital's surveillance cameras, which captured images of Le and Esteban around the time Le disappeared. Press reports stated that cellular telephone records also showed both women were in the same vicinity after Le's disappearance, and DNA found on the bottom of Esteban's sneaker was that of the victim. In August 2011, Le's remains were found in a remote area of Alameda County, and Esteban was charged with her murder

11 days later. The alleged motive appears to be jealousy; Esteban publicly blamed Le for the demise of her relationship with the father of her two children. Esteban remains in the Alameda County Jail without bail as the investigation continues and prosecutors prepare their case.





# TRAINING

RCFL/CART instructors provide investigators with the knowledge and necessary tools to properly recognize, seize, handle, and submit digital evidence for examination. The program also instructs students on how to interpret the results of an examination, and guides them on how to work with digital forensics examiners. During the period FY04 to FY11, the program surpassed the 32,000 mark in the number of individuals trained. Based on these statistics, the RCFL NPO estimates that one in every three law enforcement agencies within the United States employs an officer who has attended some form of RCFL-sponsored training. In 2002, when the RCFL NPO was first established, a majority of law enforcement officers had no idea what digital evidence was. These statistics show how much progress has been made thanks to the program's ongoing commitment to training.

The RCFL NPO estimates that one in every three U.S. law enforcement agencies employs an officer who has attended some form of RCFL-sponsored training.

## WHAT WE TEACH

The following courses are taught by RCFL/CART instructors.



**ImageScan**—ImageScan is a CART-created forensic preview tool that allows investigators to screen a computer of interest for image and video

files in a forensically sound manner. In FY11, more than 1,150 investigators attended ImageScan training, and nearly 13,000 have learned how to use this tool since 2004. The ImageScan package includes a full day of training, software, and a companion USB storage device.



**DriveQuest**—CART created the DriveQuest preview tool, which searches for and views numerous types of files on a subject's computer without making any changes to the device. At the close of FY11, the program conducted training in selected locations and will continue doing so during the next fiscal year.

**Case Agent Investigative Review**—The Case Agent Investigative Review (CAIR) course helps investigators better understand and apply the results of a digital forensics examination to their case. In FY11, 700 investigators took the training.

## WHERE WE TRAIN

RCFL instructors typically conduct training in our modern in-house classrooms or at FBI field offices. When circumstances and budgets allow, RCFL instructors travel to their customers' sites, which include training academies, police/sheriff's departments, and conferences/large meetings where law enforcement personnel are in attendance.



Pictured here is the OCRCFL's training room which is similar in size and design to many other RCFLs in the program.

## VIRTUAL TRAINING

To reach an even broader, more dispersed audience without resorting to travel, the RCFL Program hosts virtual training through annual webinars and recorded webcasts, which attract worldwide interest and participation. In FY11, the program hosted a free webinar entitled, "Capturing a Running Computer System: What Every Digital Forensics & Cyber Professional Should Know." Participants learned what live capture is, under what circumstances capturing a running computer system is warranted, the role of encryption in investigations, and best practices at crime scenes.

The live broadcast was viewed by 1,760 people in 47 states and 15 countries. The audience was composed of law enforcement/government personnel and members of the FBI's Infragard Program. Participants were asked to complete a survey afterward to provide feedback about the webinar—99 percent said it helped them better understand live capture. The following excerpts reflect the types of survey comments the RCFL NPO received:

"I consider the training as a useful tool, coming from an agency (region) that does not support training and advancement for investigators interested in computer forensics or electronic evidence."

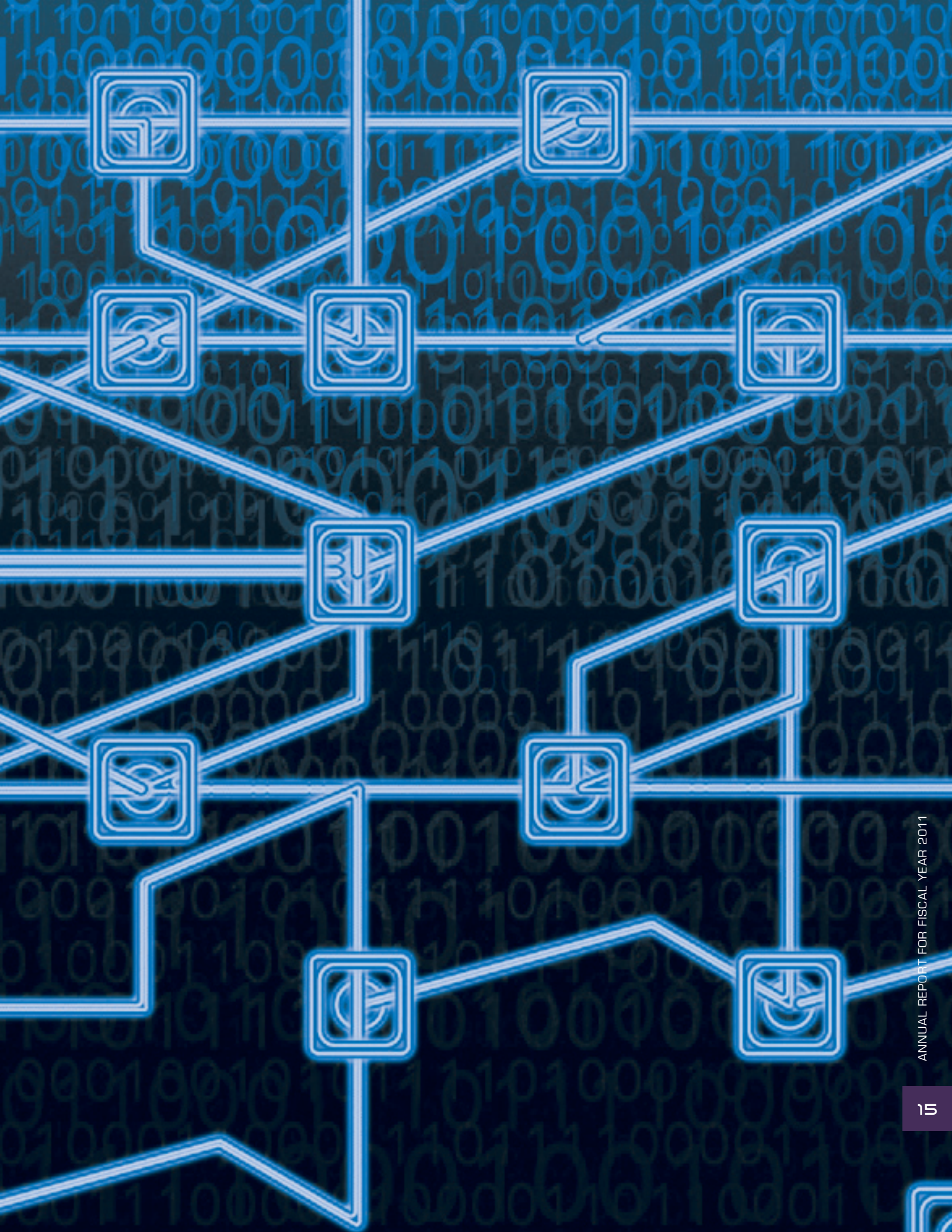
"This was very informative training. I learned how to handle a crime scene involving computers."

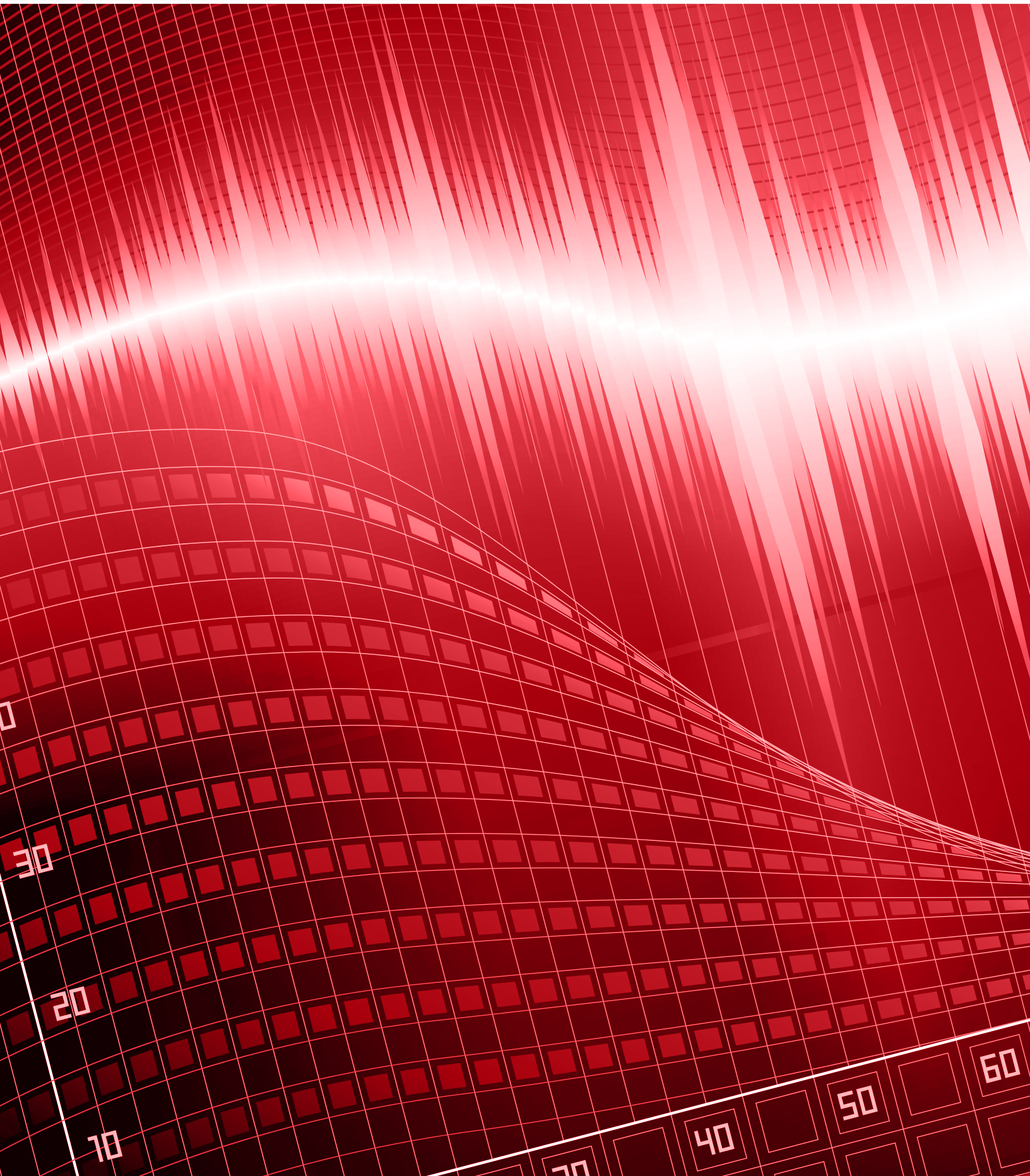
"This event offered useful information I can pass along to my patrol division."

The RCFL Program plans to present a fourth webinar in FY12.



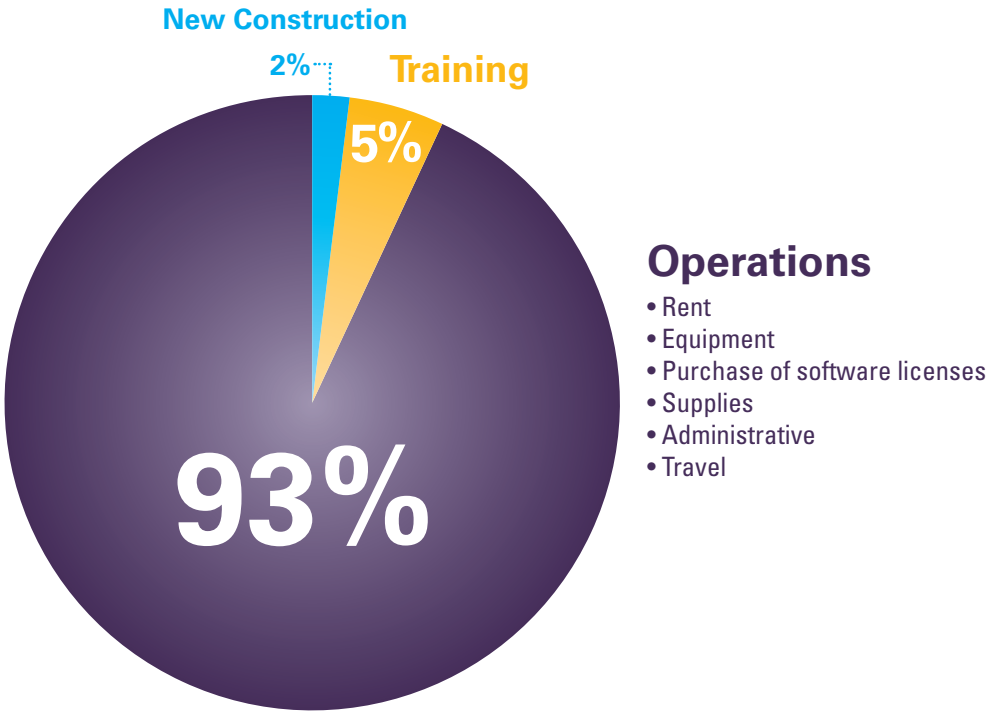
Shown here is the Greater Houston RCFL's training room.





# FUNDING

In FY11, the program’s annual budget supported the operations of the 16 RCFLs and the activities conducted by the RCFL NPO. The pie chart below illustrates the percentage of funding devoted to specific program activities.







# PART II

## RCFL PROFILES

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# CHICAGO RCFL

WWW.CHICAGORCFL.ORG

**YEAR OPENED:** 2003

**LABORATORY DIRECTOR:** John Dziedziec

**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
- 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 FY11 follow—

**67** Number of agencies that requested assistance (60 local, 4 state, 3 federal)

**547** Number of service requests received

**490** Number of examinations completed

**154** Number of law enforcement officers trained in various digital forensics tools and techniques

**9** Number of times CGRCFL personnel testified in court

**219** Number of TBs processed

**25** Number of times CGRCFL personnel participated in onsite operations

**196** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 128; LMK: 68)


## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION





## NOTABLE NEWS


**Public Corruption: Blagojevich Retrial**—The CGRCFL provided digital forensics support for the retrial of former Illinois Governor Rod Blagojevich on public corruption charges, which began on April 20, 2011. Prosecutors streamlined their case and focused on Blagojevich’s involvement in attempting to sell or trade an appointment to President Barack Obama’s vacated U.S. Senate seat. The jury convicted Blagojevich on 18 of the 20 charges against him and deadlocked on two counts. During his first trial, Blagojevich, 54, was convicted of lying to the FBI. He received a 14-year prison term, which he begins serving in March 2012.


## SCORECARD: STATUS OF FY11 GOALS

 **Implement CAIR for State/Local Customers**—The CGRCFL completed CAIR implementation in FY11, resulting in greater efficiency and enhanced customer service.

 **Conduct an Annual Internal Audit**—An annual internal audit was successfully completed—ensuring the CGRCFL remained in compliance with the FBI’s and ASCLD/ LAB’s requirements.

 **Provide Detailed Financial Reports**—The CGRCFL met each deadline to submit quarterly financial reports to the RCFL NPO.

 **Increase the Participating Agency Roster**—The CGRCFL added two new partner agencies in FY11; the Oak Park Police Department and U.S. Customs and Border Protection.

 **Reduce the Backlog**—The CGRCFL aimed to reduce its backlog by 10 percent; however, necessary server room and hardware upgrades lasted several weeks and caused a work

slowdown. With the successful completion of the upgrades, the CGRCFL will regain these efficiencies in FY12.

## GOALS FOR FY12

**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.

**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.

**Conduct Annual Audit**—This requirement is mandated for all ASCLD/LAB accredited laboratories.

**Increase Certifications**—At least one examiner should earn FBI certification in video forensics to keep pace with the demand for examinations within this discipline.



# GREATER HOUSTON RCFL

WWW.GHRCFL.ORG

**YEAR OPENED:** 2005

**LABORATORY DIRECTOR:** SSA Ryan Dusek

**SERVICE AREA:** Southern Texas

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



Accredited since 2008

## 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
- Rosenberg Police Department
- Texas Department of Public Safety

## PROGRESS REPORT

The GHRCFL’s progress and accomplishments for FY11 follow—

**48** Number of agencies that requested assistance (39 local, 6 state, 3 federal)

**366** Number of service requests received

**421** Number of examinations completed

**195** Number of law enforcement officers trained in various digital forensics tools and techniques

**2** Number of times GHRCFL personnel testified in court

**261** Number of TBs processed

**20** Number of times GHRCFL personnel participated in onsite operations

**395** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL’s self-service digital forensics tools (CPIK: 395)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

**Protecting Children: Texas Man Allegedly Blackmailed Teen for Sex**—Mitchell Thomas McDermott, 19, faces one charge of sexual abuse of a child for allegedly persuading a 14-year-old girl to send photos of herself to him and then threatening to post them on the Internet if she did not have sex with him. The Pasadena Police Department, a participating agency in the GHRCFL, is leading the investigation. The victim's brother persuaded McDermott to give him the cellular telephone containing the lewd photos, which was later submitted to the GHRCFL for examination. The law considers photos of a naked minor as child pornography. If convicted, McDermott could receive jail time, a steep fine, or both. The investigation is ongoing.

## SCORECARD: STATUS OF FY11 GOALS



### **Finalize the Storage Area Network (SAN) Installation**

—The GHRCFL completed the final step in the SAN installation, enabling FBI personnel to review the laboratory's findings at their workstations.



### **Grow the Ranks**

—The Texas Department of Public Safety joined the GHRCFL as a participating agency in FY11.



### **Eliminate/Reduce the Backlog**

—The GHRCFL reduced its backlog by two-thirds in FY11.

## GOALS FOR FY12

**Maintain Low Backlog**—The GHRCFL is positioned to maintain its low backlog figures in FY12. Because it has been so successful in this area, GHRCFL will disseminate best practices and provide technical assistance to other RCFLS in the program. This example of sharing expertise among RCFL personnel is a key benefit of becoming a participating agency.

**Grow the Ranks**—Add at least one new participating agency.

**Promote Outreach and Training**—The GHRCFL plans to offer more training opportunities to outside law enforcement and provide presentations on the capabilities and offerings of the RCFL program when classes are not in session.

**Redesign the GHRCFL Website**—The goal is to increase the site's functionality and overall aesthetics.



# HEART OF AMERICA RCFL

WWW.HARCFL.ORG

**YEAR OPENED:** 2003

**LABORATORY DIRECTOR:** SSA Lou Ann Stovall

**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
- Grandview, Missouri Police Department
- Independence, Missouri Police Department
- Jackson County, Missouri Sheriff's Office
- Johnson County, Kansas Sheriff's Office
- Kansas Bureau of Investigation
- 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, Missouri 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 Office—District of Kansas, Western District of Missouri

## PROGRESS REPORT

The HARCFL's progress and accomplishments for FY11 follow—

**79** Number of agencies that requested assistance (68 local, 7 state, 5 federal)

**559** Number of service requests received

**880** Number of examinations completed

**128** Number of law enforcement officers trained in various digital forensics tools and techniques

**17** Number of times HARCFL personnel testified in court

**439** Number of TBs processed

**4** Number of times HARCFL personnel participated in onsite operations

**1,713** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 1,610; LMK: 103)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS


### Technology Innovation: Virtual Cell Phone

**Kiosk**—The HARCFL created this tool, which it began offering to sworn law enforcement personnel in its service area in FY11. The kiosk comprises a software package and a basic cable kit that the customer purchases. Once the forensic software is properly installed on a computer, the user can conduct cellular telephone forensic examinations via an Internet connection—eliminating travel to the HARCFL. In FY11, more than 69 agencies acquired the tool and used it for 914 acquisitions from more than 770 different telephone models. Other RCFLs are also considering offering the kiosk to their customers.


### Protecting Children: Senior Citizen Sexually Abused Minors


—James Edwards, 61, admitted to drugging, molesting, and videotaping 13 children over a 4-year period. HARCFL examiners analyzed many of the videotapes made by Edwards, who subjected the unconscious victims to multiple acts of molestation. Edwards was ordered to pay a fine and make restitution, forfeit his electronic equipment to the government, and is subject to a mandatory minimum sentence of 15 years in prison without parole for each of the 15 counts against him.


## SCORECARD: STATUS OF FY11 GOALS

 **Launch the Revised Intake Policy**—The HARCFL successfully revised its intake policy to help the laboratory meet the high demand for its services.

 **Explore Innovative Training Opportunities**—The HARCFL finalized its plans to present the RCFL Program’s first-ever “Digital Forensics for Prosecutors,” a 1-day conference scheduled for early FY12.

 **Grow the Ranks**—The HARCFL added two new FBI CART Examiners to the HARCFL roster.

 **Implement a Loose Media Kiosk**—The HARCFL received this resource in FY11 and reported that 103 law enforcement officers used the kiosk to support their investigations.

 **Reduce the Backlog**—The HARCFL did not meet this goal, but is positioned to do so in FY12 as a result of revised backlog criteria and increased staffing.

## GOALS FOR FY12

**Host the First Annual “Digital Forensics for Prosecutors” Conference**—In what will be another “HARCFL first,” the laboratory will present a 1-day conference designed exclusively for prosecutors in early FY12.

**Open a Transitional Laboratory**—The staff is continuing its work to open a transitional laboratory in Topeka, Kansas, in partnership with the Kansas Bureau of Investigation, Shawnee County Sheriff’s Office, and the Topeka (Kansas) Police Department.

**Increase the Number of Participating Agencies**—By at least one.

**Promote Self-Serve Kiosks**—Increase usage of virtual and physical kiosks through advertising, training, and policy changes.

**Seek International Accreditation from ASCLD/LAB**



# INTERMOUNTAIN WEST RCFL

WWW.IWRCFL.ORG

**YEAR OPENED:** 2005

**LABORATORY DIRECTOR:** SSA Michael Jensen

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

## PROGRESS REPORT

The IWRCFL's progress and accomplishments for FY11 follow—

**96** Number of agencies that requested assistance (71 local, 15 state, 10 federal)

**96** Number of service requests received

**710** Number of examinations completed

**316** Number of law enforcement officers trained in various digital forensics tools and techniques

**3** Number of times IWRCFL personnel testified in court

**440** Number of TBs processed

**35** Number of times IWRCFL personnel participated in onsite operations

**473** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 445; LMK: 28)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION






## NOTABLE NEWS


**Welcomed New Partners**—The Murray City Police Department and the Boise City Police Department became participating agencies with the IWRCFL during FY11.


**Protecting Children: Project Safe Childhood Investigation**—Authorities discovered Cyle Anthony Wyckoff, 35, after an Idaho detective learned he was sharing images of child pornography with other like-minded individuals via the Internet. On July 1, 2009, members of the North Idaho Internet Crimes Against Children Task Force served a search warrant at Wyckoff's residence where agents seized computer equipment, CDs, and DVDs, and sent them to the IWRCFL for examination. IWRCFL examiners located 49 still images and 65 video files depicting minors engaged in sexually explicit conduct or being sexually abused by adult men. On May 17, 2011, Wyckoff was sentenced to 7 years in prison, must serve 10 years of supervised release following his prison term, and pay \$3,000 in restitution to one of the victims.


## SCORECARD: STATUS OF FY11 GOALS

 **Complete ASCLD/LAB Accreditation**—The IWRCFL made significant progress toward meeting this goal and will continue seeking accreditation in the audio/visual sub-discipline during FY12.

 **Obtain CART Certification**—Three IWRCFL examiners obtained certification.

 **Grow the Staff**—The IWRCFL added two new Forensic Examiner trainees and one evidence technician.

 **Establish One Associate Examiner Position**—The IWRCFL achieved this goal in FY11.

 **Begin the Testing Phase for CAIR**—The IWRCFL continued testing the CAIR system and will complete this phase in FY12.

## GOALS FOR FY12

**Implement New Case Management/Evidence Control System**—To increase the laboratory's efficiency.

**Gain CART Certification**—In digital forensics for three examiners on staff.

**Obtain Digital/Audio Certification**—For at least one examiner.

**Maintain Staffing Levels**—Recruit two new digital forensics examiners to fill vacancies.

**Complete Testing Phase**—Of state and local CAIR.

**Redesign and Launch the IWRCFL Website**—To increase the site's functionality and overall aesthetics.

**Implement State/Local CAIR Capability**—To increase the efficiency and enable state/local law enforcement customers to review the laboratory's findings in the convenience of their own offices.



# KENTUCKY RCFL

WWW.KRCFL.ORG

**YEAR OPENED:** 2006

**LABORATORY DIRECTOR:** Michael Haag

**SERVICE AREA:** State of Kentucky

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



Accredited since 2009

## PARTICIPATING AGENCIES

- Department of Criminal Investigations
- FBI—Louisville Division
- Kentucky State Police
- Louisville Metro Police Department
- University of Louisville

## PROGRESS REPORT

The KRCFL's progress and accomplishments for FY11 follow—

**21** Number of agencies that requested assistance (12 local, 5 state, 4 federal)

**203** Number of service requests received

**195** Number of examinations completed

**159** Number of law enforcement officers trained in various digital forensics tools and techniques

**83** Number of TBs processed

**22** Number of times KRCFL personnel participated in onsite operations

**362** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 259; LMK: 103)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION





## NOTABLE NEWS

**Protecting Children: Kentucky Businessman Guilty**—Robert Dundon, 57, was arrested in July 2010 after a citizen reported him to authorities for taking pictures of four nude juvenile males at a state park. The Kentucky State Police, a participating agency in the KRCFL, led the investigation and submitted several electronic devices owned by Dundon to the laboratory for examination. Dundon admitted to possessing more than 22,000 images of child pornography, and to being a pedophile. He was sentenced to 19-1/2 years in prison.

**Safeguarding the Community: Former Healthcare Executive Indicted**—In August 2011, a grand jury indicted Johnny Perry, 62, a former executive for National Respiratory Services, a Louisville-based healthcare company. The KRCFL provided digital forensics expertise to federal prosecutors who charged Perry with receiving more than \$3.7 million in Medicare payments for fraudulent claims and misbranding inhalation drugs to misrepresent the strength and potency of the active ingredients. If convicted, Perry faces a maximum penalty of 46 years in prison and a \$770,000 fine.

## SCORECARD: STATUS OF FY11 GOALS

 **Grow the Ranks**—The KRCFL converted the part-time status of an examiner to full time, and one additional full-time examiner joined the staff.

 **Increase Productivity**—The KRCFL increased productivity by 20 percent. This was attributed to the successful implementation of a remote review capabilities tool for local and state participating agencies; the successful expansion of the SAN, including the addition of designated review workstations and virtual machines to increase the number of concurrent reviews; and the implementation of an LMK.

## GOALS FOR FY12

**Increase the Roster**—Add at least one new participating agency and/or individual assigned to the KRCFL from current participating agencies.

**Enhance Training**—Provide and host more training classes, including CAIR and other available preview tools.

**Complete CAIR Installation**—Complete implementation of this tool for review of FBI cases.

**Increase Productivity**—Through more frequent use of CAIR for local, state, and federal cases.



# MIAMI VALLEY RCFL

WWW.MVRCFL.ORG

**YEAR OPENED:** 2005

**LABORATORY DIRECTOR:** SA Dave Barnes

**SERVICE AREA:** Southern Ohio

**NUMBER OF AGENCIES IN SERVICE AREA:** 183

## PARTICIPATING AGENCIES

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

## PROGRESS REPORT

The MVRCFL's progress and accomplishments for FY11 follow—

**47** Number of agencies that requested assistance (36 local, 2 state, 9 federal)

**360** Number of service requests received

**239** Number of examinations completed

**35** Number of law enforcement officers trained in various digital forensics tools and techniques

**4** Number of times MVRCFL personnel testified in court

**110** Number of TBs processed

**35** Number of times MVRCFL personnel participated in onsite operations

**136** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 136)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

**Increased Productivity**—The MVRFCFL more than doubled the TBs processed in FY11 (110) compared with FY10 (52). This was a noteworthy achievement given that this is one of the smaller RCFLs in the program with four participating agencies.

**Delivering Justice: Mother and Son Receive Life in Prison for Murder Plot**—Pandora Zan, 46, and her son Cody Henderson, 21, conspired to murder her husband Charles to collect on his \$424,000 life insurance policy. They carried through on the plot, and Charles was stabbed to death on October 17, 2009. The MVRFCFL supplied digital forensics expertise to authorities investigating the homicide. On March 25, 2011, a jury convicted Zan; she received a life sentence plus 25 years. Henderson avoided the death penalty by pleading guilty before a three-judge panel, which sentenced him to life in prison without parole.

**Protecting the Community: Ohio Couple Pleads Guilty to \$20 Million Fraud**—The MVRFCFL supported the successful prosecution of Michael and Melissa Spillan, who operated a fraudulent stock-based loan scheme and defrauded 38 investors of \$20 million. The Spillans used the proceeds for personal gain or to fund fraudulent loans. The MVRFCFL processed digital media at multiple work locations owned by the Spillans and imaged 50 computers under tight deadlines. On August 25, 2011, Michael Spillan was sentenced to 140 months in prison while his wife Melissa received a 36-month sentence. The couple was also ordered to pay restitution.

## SCORECARD: STATUS OF FY11 GOALS



### **Promote Use of the CPIK for Regional Law Enforcement**

—The MVRFCFL promoted this resource to its customers and submitted content about the kiosk for an article published in a newsletter distributed by the Miami Valley Regional Crime Laboratory, one of its participating agencies.



### **Reduce the Backlog**

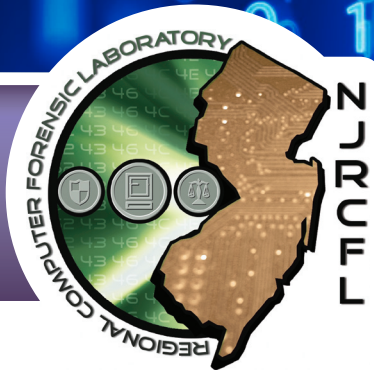
—The MVRFCFL did not meet this goal.

## FY12 GOALS

### **Install and Implement a Forensics Network**

—To enhance the MVRFCFL's service offerings.

**Increase Efficiency**—By promoting the use of the LMK to its law enforcement customers.



# NEW JERSEY RCFL

WWW.NJRCFL.ORG

**YEAR OPENED:** 2004

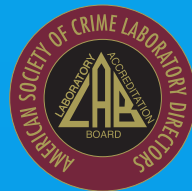
**LABORATORY DIRECTOR:**

SSA Ronald E. Menold II

**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 FY11 follow—

**45** Number of agencies that requested assistance (25 local, 6 state, 14 federal)

**517** Number of service requests received

**461** Number of examinations completed

**267** Number of law enforcement officers trained in various digital forensics tools and techniques

**3** Number of times NJRCFL personnel testified in court

**301** Number of TBs processed

**131** Number of times NJRCFL personnel participated in onsite operations

**98** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL’s self-service digital forensics tools (CPIK: 88; LMK: 10)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

### **Making the Internet Safer: AT&T Hackers**

**Caught**—Daniel Spitler, 26, and Andrew Auernheimer, 25, preferred to stay anonymous, but would gain notoriety as the “iPad Hackers” after authorities traced a security breach in AT&T’s servers to them. The NJRCFL provided digital forensics expertise to investigators. The pair compromised the personal information of 120,000 iPad owners and detailed their exploits to the website Gawker, which published an article about the breach. On June 23, 2011, Spitler pled guilty to unauthorized access to computers and one count of identity theft, and faces a prison term of 12 to 18 months. At this writing, Auernheimer’s attorney is negotiating a plea arrangement on his behalf with prosecutors.

### **Protecting Children: College Student Guilty on Child Pornography Charges**

—Joseph Buckelew, III, 20, who once worked in the youth section of the East Brunswick Public Library, pled guilty in federal court to one count of possessing child pornography on September 14, 2011. The NJRCFL helped trace Buckelew’s digital footprints, which included downloading child pornography and posting pornographic videos and pictures on a peer-to-peer file-sharing network. Buckelew also posed online as a 19-year-old female and chatted with teenage males ranging in age from 14 to 16 years old. Buckelew admitted to possessing 600 images of child pornography on his computer—some violent or sadistic in nature—and faces a possible 10-year prison sentence and a \$250,000 fine, along with having to forfeit his computer and register as a sex offender.

## SCORECARD: STATUS OF FY11 GOALS



### **Apply for ASCLD/LAB International Accreditation**

—The NJRCFL actively pursued international accreditation and made significant progress toward meeting this goal. The recertification is expected in mid-FY12.



### **Expand the Number of Participating Agencies**

—The NJRCFL conducted outreach to area law enforcement agencies and entered into discussions with one county that expressed strong interest in joining the RCFL Program and will make a final decision in FY12.



### **Increase Efficiency**

—The NJRCFL increased efficiency by successfully deploying two different multiple virtualization platforms that enabled examiners to process more TBs. The NJRCFL processed 301 TBs in FY11 compared with 298 TBs for the previous FY.

## GOALS FOR FY12

**Continue Recruiting Efforts**—The NJRCFL will build on the momentum generated by its outreach efforts in FY11 and will strive to add at least one new participating agency and/or bring additional staff on board from its existing partners.

**Complete Installation of the Digital Crime Analysis Position (DCAP) System**—To enhance remote viewing by its state and local law enforcement customers of the laboratory’s findings and results.

**Evaluate New Technologies**—To increase efficiencies in conducting examinations.



# NORTH TEXAS RCFL

WWW.NTRCFL.ORG

**YEAR OPENED:** 2000

**LABORATORY DIRECTOR:**

SA Michael S. Morris

**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 FY11 follow—

**64** Number of agencies that requested assistance (57 local, 4 state, 4 federal)

**640** Number of service requests received

**522** Number of examinations completed

**500** Number of law enforcement officers trained in various digital forensics tools and techniques

**10** Number of times NTRCFL personnel testified in court

**343** Number of TBs processed

**38** Number of times NTRCFL personnel participated in onsite operations

**32** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 32)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION







## NOTABLE NEWS


**Caught on Camera: Texas Teen Rapes Library Worker**—Ricardo Jourdan, 17, pretended to help a library custodian after she locked her keys inside her car, but instead followed her into a bathroom where he beat and raped her. DNA and fingerprints eventually connected Jourdan to the September 2010 attack, but first police had to identify him. That help came when an NTRCFL examiner recovered digital evidence from a surveillance camera, which was released to the media. Tips provided by the public to the Dallas Police Department, a participating agency in the NTRCFL that conducted the investigation, led to Jourdan's arrest. The teenager, now 18, was sentenced to 35 years in prison.

**Protecting Children: Dallas Man Receives Jail Time for Possessing Child Pornography**—An NTRCFL examiner testified during the trial of Monte Melugin, who pled guilty to one count of receiving child pornography. A Department of Justice press release dated March 30, 2011, stated that Melugin had 1,830 images and 68 videos of child pornography on his personal computer—80 percent featured very young boys. Melugin, 24, was sentenced to 12 years in prison and must undergo a lifetime of supervised release.

## SCORECARD: STATUS OF FY11 GOALS

 **Identify Suitable Office Space**—The General Services Administration and the laboratory's landlord signed a lease extension, allowing the NTRCFL to remain in its current home until 2016.

 **Complete CAIR System Implementation**—The NTRCFL did not meet this goal because of space limitations in its server room; however, with the successful lease extension, the space is being renovated to accommodate the CAIR system.

 **Reduce the Backlog**—The NTRCFL did not meet its goal of reducing the backlog by 15 percent but is positioned to do so in FY12 upon completion of the server room expansion.

## GOALS FOR FY12

**Complete State/Local CAIR Implementation**—To increase efficiency and enable state/local law enforcement customers to review the laboratory's findings in the convenience of their own offices.

**Increase Use of the Self-Service Kiosks**—To enable the examiners to devote more time to complex examinations.

**Reduce the Backlog**—During FY12, the NTRCFL staff will focus its efforts on reducing the backlog by at least 15 percent.

**Increase Examiner Cadre**—Have the two Forensic Examiners in Training complete their training and add an additional examiner.

**Increase Cell Phone Forensic Capability**—Train more examiners in cell phone forensics.



# NORTHWEST RCFL

WWW.NWRCFL.ORG

**YEAR OPENED:** 2005

**LABORATORY DIRECTOR:**

SSA Nathaniel White

**SERVICE AREA:** Oregon and Southwest Washington

**NUMBER OF AGENCIES IN SERVICE AREA:** 109



Accredited since 2008

## PARTICIPATING AGENCIES

- FBI—Portland Division
- Hillsboro, Oregon Police Department
- Milwaukie, Oregon Police Department
- Multnomah County, Oregon Department of Community Justice
- Oregon State Crime Laboratory
- Oregon State Police
- Portland, Oregon Police Bureau

## PROGRESS REPORT

The NWRCFL's progress and accomplishments for FY11 follow—

**36** Number of agencies that requested assistance (29 local, 5 state, 2 federal)

**253** Number of service requests received

**294** Number of examinations completed

**29** Number of law enforcement officers trained in various digital forensics tools and techniques

**165** Number of TBs processed

**40** Number of times NWRCFL personnel participated in onsite operations

**461** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 216; LMK: 245)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

### **Protecting the Community: Oregon Bank Bombers Receive Death Sentence**—In

December 2010, a jury convicted Joshua Turnidge and his father, Bruce, on aggravated murder, attempted aggravated murder, and assault charges. Two years earlier, officers responded to a call for help from an employee at the Woodburn Bank. When they arrived, a bomb detonated, killing Oregon State Police Senior Trooper William Hakim and Woodburn Police Captain Tom Tennant. Woodburn's Police Chief Scott Russell lost a leg in the bombing. The Turnidges were arrested shortly after the bombing took place, and the NWRFCFL provided digital forensics support to investigators. The men were formally sentenced on January 24, 2011—both received the death sentence, which will be automatically appealed to the Oregon Supreme Court, starting a judicial review that could last decades.


## GOALS FOR FY12

### **Add at Least One New Participating Agency**


**Decrease the Backlog**—By at least 15 percent.


**Bolster Training**—Take steps to increase the number of classes offered at the RCFL.

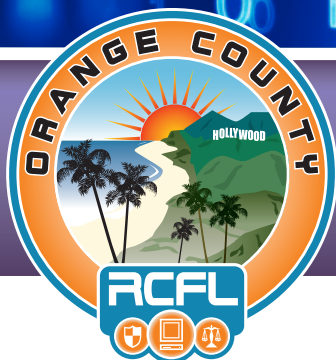
## SCORECARD: STATUS OF FY11 GOALS

 **Increase Productivity**—The NWRFCFL was able to increase its productivity by increasing the number of exams completed and with higher CPIK usage.

 **Expand the Roster**—The NWRFCFL did not add any new participating agencies to its ranks.

 **Enhance Customer Service**—The NWRFCFL is working on increasing capacity of its CAIR system.

 **Decrease the Backlog**—The NWRFCFL did not decrease the backlog in FY11 because of an increase in cases from the previous fiscal year.



# ORANGE COUNTY RCFL

WWW.OCRCFL.ORG

**YEAR OPENED:** 2011

**LABORATORY DIRECTOR:**

SSA Jason G. Weiss

**SERVICE AREA:** Central District of California

**NUMBER OF AGENCIES IN SERVICE AREA:** 252

## PARTICIPATING AGENCIES

- Anaheim Police Department
- California Department of Toxic Substances Control
- FBI—Los Angeles Division
- Fontana Police Department
- Fullerton Police Department
- Irvine Police Department
- Newport Beach Police Department
- Ontario Police Department
- Orange County District Attorney’s Office
- Orange County Sheriff’s Office
- Santa Ana Police Department
- Westminster Police Department

## PROGRESS REPORT

The OCRCFL’s progress and accomplishments for the period of March 8, 2011 to September 30, 2011 follow—

**33** Number of agencies that requested assistance (24 local, 6 state, 3 federal)

**591** Number of service requests received

**655** Number of examinations completed

**958** Number of law enforcement officers trained in various digital forensics tools and techniques

**15** Number of times OCRCFL personnel testified in court

**360** Number of TBs processed

**69** Number of times OCRCFL personnel participated in onsite operations

**758** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL’s self-service digital forensics tools (CPIK: 685; LMK: 73)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

**Welcomed New Partners**—The Ontario and Fontana Police Departments joined the OCR CFL as participating agencies in FY11.



The OCR CFL staff, along with Laboratory Director Jason G. Weiss, celebrate the grand opening with a custom-designed cake.

**Protecting Children: BMX Coach Accused of Crimes Against Children**—The Orange County District Attorney's Office, a participating agency in the OCR CFL, is leading the prosecution of Mandak Kahn Griffin, 30, who is accused of sexually assaulting three boys, ages 7 to 9. In addition, Griffin is accused of exchanging thousands of child pornography images over the Internet. The OCR CFL is processing all digital media lawfully seized during the investigation. If convicted, Griffin faces 85 years to life in state prison.

**Safeguarding the Community: Computer Technician Turned Voyeur**—Trevor Timothy Harwell, 20, once worked as a computer technician during which time he allegedly installed spyware on dozens of devices. The Fullerton Police Department, a participating agency in the OCR CFL, is leading the investigation, with digital forensics expertise provided by the OCR CFL. Harwell allegedly captured hundreds of thousands of images of his victims—mostly young women in Orange County and Los Angeles. If convicted, he faces a maximum sentence of 6 years and 4 months in state prison. The investigation continues.

## GOALS FOR FY12

**Complete Installation of Internal Tools**—Including the Case Management and Evidence Control Systems to increase efficiency.

**Complete FBI Pre-Assessment and Application for ASCLD/LAB ISO Accreditation**—Complete the ASCLD/LAB pre-assessment and submit application for ISO laboratory accreditation during FY12.

**Complete State/Local CAIR Implementation**—To increase the efficiency and enable state/local law enforcement customers to review the laboratory's findings in the convenience of their own offices.

**Enhance Training**—Provide and host more training classes, including CAIR and other available preview tools. Host a "Prosecutors Academy" for federal, state, and local prosecutors to provide them training in policies, procedures, and methodologies to be used at the OCR CFL.



# PHILADELPHIA RCFL

WWW.PHRCFL.ORG

**YEAR OPENED:** 2006

**LABORATORY DIRECTOR:**

SSA J.P. McDonald

**SERVICE AREA:** Philadelphia and Eastern Pennsylvania

**NUMBER OF AGENCIES IN SERVICE AREA:** 500



Accredited since 2008

## PARTICIPATING AGENCIES

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

## PROGRESS REPORT

The PHRCFL's progress and accomplishments for FY11 follow—

**55** Number of agencies that requested assistance (48 local, 3 state, 4 federal)

**425** Number of service requests received

**477** Number of examinations completed

**352** Number of law enforcement officers trained in various digital forensics tools and techniques

**10** Number of times PHRCFL personnel testified in court

**266** Number of TBs processed

**86** Number of times PHRCFL personnel participated in onsite operations

**486** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 370; LMK: 116)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS


**Installed “Super Kiosk”**—The PHRCFL is one of the first laboratories in the RCFL Program to install two CPIKs and two LMKs, which are valuable resources for area law enforcement. Because of the many benefits associated with the self-service kiosks, more of these devices are being installed at FBI offices across the nation.


### **Preventing Financial Losses: PHRCFL Aids**

**Identify Theft Investigation**—Alert store employees notified authorities after David Rice, 31, and Vladimir Pascal, 31, attempted to make several purchases using stolen credit cards. In addition, the store manager found two USB devices left behind by the pair, which were submitted to the PHRCFL for examination. On June 23, 2011, a grand jury handed down an 11-count indictment against both men. The investigation is ongoing.


**Delivering Justice: Stock Broker Convicted**—In 2008, George Georgiou, 40, a former stockbroker from Ontario, Canada, was arrested in Philadelphia after agreeing to pay an undercover FBI agent a kickback to bribe brokers to purchase \$10 million in stock. The PHRCFL examined a mobile telephone and laptop computer seized during the investigation, and CART examiner Justin Price served as a key witness during Georgiou’s federal trial. In November 2010, Georgiou was sentenced to 25 years in prison and ordered to pay \$55 million in restitution.

## SCORECARD: STATUS OF FY11 GOALS

 **Raise Productivity**—The PHRCFL met this goal and increased the number of completed examinations by 5 percent. Thanks to the CPIK and LMK, the staff was able to devote more time to completing complex examinations.

 **Augment the Laboratory’s Capabilities**—The PHRCFL staff successfully upgraded the server room, installed the high-speed “ExaminerNet” system to increase efficiency, and installed all new computers in the training room.

 **Expand the Roster**—The PHRCFL was unable to recruit additional participating agencies or add Examiners. Because of declining tax bases, many law enforcement agencies are unable to join the RCFL Program at this time.

 **Bolster the Staff’s Capabilities**—The PHRCFL did not increase the number of CART-certified Examiners on staff, but one trainee reached full Examiner status and two others are expected to complete their training programs in FY12.

## GOALS FOR FY12

**Raise Productivity**—Increase the number of completed examinations by at least 5 percent.

**Increase Kiosk Use**—By a minimum of 5 percent.

**Seek New Partners**—Add at least one new participating agency in FY12.

**Bolster Training**—Increase the number of law enforcement officers trained in various digital forensics tools and techniques by a minimum of 5 percent.

**Continue CAIR Implementation**—Take steps required to complete the installation of a review system for state/local law enforcement customers.



# ROCKY MOUNTAIN RCFL

WWW.RMRCFL.ORG

**YEAR OPENED:** 2006

**LABORATORY DIRECTOR:**

SSA Sean K. O'Brien

**SERVICE AREA:** The States of Colorado and Wyoming

**NUMBER OF AGENCIES IN SERVICE AREA:** 269



Accredited since 2008

## 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
- Golden Police Department
- Jefferson County Sheriff's Office

## PROGRESS REPORT

The RMRCFL's progress and accomplishments for FY11 follow—

**59** Number of agencies that requested assistance (49 local, 5 state, 5 federal)

**319** Number of service requests received

**452** Number of examinations completed

**27** Number of law enforcement officers trained in various digital forensics tools and techniques

**226** Number of TBs processed

**10** Number of times RMRCFL personnel participated in onsite operations

**447** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 243; LMK: 204)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION





## NOTABLE NEWS

### **Protecting the Community: Serial Rapist**

**Arrested**—Between July 2010 and January 2011, a series of brutal rapes were committed against women living in the Denver metropolitan area. In response to the attacks, investigators from the Golden, Westminster, Lakewood, and Aurora Police Departments, along with the Colorado Bureau of Investigation (CBI) and FBI Denver, launched a joint investigation that led to the arrest of Marc Patrick O’Leary, 33, on February 13, 2011. O’Leary allegedly stalked his victims, broke into their homes, tied them up, and sexually assaulted them. The Golden Police Department, Aurora Police Department, CBI, and the FBI, which are all participating agencies in the RMRCFL, enlisted its expertise to examine O’Leary’s computers and digital storage media. RMRCFL examiners discovered nearly 400 pictures of the victims taken during the sexual assaults, deleted user images, and one victim’s name. A military veteran, O’Leary faces similar charges in Washington State where he was once stationed. He will be returned there once the legal proceedings in Colorado conclude. He could face decades behind bars.

## SCORECARD: STATUS OF FY11 GOALS



**Increase the Staff**—The RMRCFL did not meet its goal of increasing the number of staff by 10 percent.



**Complete Implementation of the CAIR System**—The RMRCFL completed the network installation of the CAIR system in FY11.



**Recruit Additional Participating Agencies**—The RMRCFL did not meet its goal of adding at least one new participating agency in FY11.



**Increase Efficiency by Promoting the Loose Media Kiosk**—The RMRCFL received an LMK in FY11, which area law enforcement personnel used on 204 occasions.

## GOALS FOR FY12

**Continue Outreach to Area Law Enforcement**—Add at least one new participating agency.

**Increase the Staff**—Increase the number of staff at the RCFL.

**Reduce the Backlog**—By a minimum of 20 percent.



# SAN DIEGO RCFL

WWW.SDR CFL.ORG

**YEAR OPENED:** 1999

**LABORATORY DIRECTOR:**  
SSA Craig Porter

**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 FY11 follow—

**31** Number of agencies that requested assistance (11 local, 5 state, 15 federal)

**818** Number of service requests received

**678** Number of examinations completed

**503** Number of law enforcement officers trained in various digital forensics tools and techniques

**18** Number of times SDR CFL personnel testified in court

**391** Number of TBs processed

**59** Number of times SDR CFL personnel participated in onsite operations

**1,439** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 1,023; LMK: 416)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

### **Protecting the Community: “Escondido Bomb Factory” Dismantled**

—Unemployed software consultant George Jakubec, 55, pled guilty to two armed bank robberies and admitted to making and storing a slew of destructive devices at his residence, dubbed the “Escondido Bomb Factory.” The SDRCFI examined three computers lawfully seized from Jakubec’s home, which was destroyed because it posed such a high risk to the community. On June 13, 2011, Jakubec received 30 years in federal prison and was ordered to pay several fines to both individuals and San Diego County.

### **Delivering Justice: Ponzi Masterminds**

**Convicted**—Brothers Matthew La Madrid of San Diego and Lance La Madrid of Arizona pled guilty in San Diego Federal Court for executing a \$30 million Ponzi that resulted in losses of \$20 million to \$50 million by investors, including approximately 300 San Diegans. The SDRCFI provided digital forensics expertise to investigators. On July 28, 2011, Matthew La Madrid was sentenced to 10 years in prison and 3 years of supervised release, and ordered to pay more than \$23 million in restitution. Lance La Madrid was sentenced on August 4, 2011, to 30 months in prison and ordered to pay \$831,218 in restitution. According to prosecutors, sentencing hearings remain for several other co-conspirators who pled guilty.

**Completed Buildout Plans**—The SDRCFI completed plans for its buildout, which is scheduled to start in 2012 and will provide more space and enhanced capabilities for the laboratory staff.

**Assisted the FBI’s Digital Evidence Section**—In FY11, the SDRCFI was a true “team player,” testing several digital forensics tools on behalf of the CART Unit. Two SDRCFI staff members also completed a month-long assignment at the KRCFL to help familiarize the newly designated laboratory director with the program’s policies and procedures, along with ASCLD/LAB requirements.

## SCORECARD: STATUS OF FY11 GOALS



**Grow the Staff**—The SDRCFI met this goal for FY11 and received much-needed contributions in the form of added personnel from its existing participating agencies to maintain operations.



**Enhance Services**—The SDRCFI raised productivity, resulting in the processing of 41 more TBs compared with FY10.



**Promote Training**—The SDRCFI actively promoted its training offering to the area’s law enforcement community.



**Website Redesign**—The SDRCFI completed the redesign of its website in FY11, resulting in increased functionality and an overall improvement in the look and feel of the site.



**Boost Server Room Capacity**—The SDRCFI completed the remaining construction and successfully upgraded its server room.

## GOALS FOR FY12

**Maintain Quality of Service**—The SDRCFI will maintain the highest quality digital forensics services and increase the number of completed examinations by at least 5 percent.

**Expand Training Opportunities**—With one of the only high-tech training centers in San Diego designed exclusively for law enforcement, the SDRCFI will continue educating its peers through virtual training and onsite instruction.

**Prepare for International Accreditation from ASCLD/LAB**—The SDRCFI earned its Legacy accreditation in digital forensics and multimedia from ASCLD/LAB in 2008. During FY12, the staff will pursue international accreditation from this organization.



# SILICON VALLEY RCFL

WWW.SVRCFL.ORG

**YEAR OPENED:** 2005

**LABORATORY DIRECTOR:**

SSA Bryant Ling

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

**NUMBER OF AGENCIES IN SERVICE AREA:** 91



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
- Oakland 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 FY11 follow—

**42** Number of agencies that requested assistance (31 local, 7 state, 4 federal)

**455** Number of service requests received

**806** Number of examinations completed

**291** Number of law enforcement officers trained in various digital forensics tools and techniques

**4** Number of times SVRCFL personnel testified in court

**533** Number of TBs processed

**93** Number of times SVRCFL personnel participated in onsite operations

**299** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 90; LMK: 209)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION





## NOTABLE NEWS


**Significantly Raised Productivity**—During FY11, the SVRCFL boosted productivity significantly and nearly doubled the number of completed examinations compared with FY10 and ranked number one in the RCFL Program for the number of TBs processed in FY11.


**Protecting the Community: High School Bomber Found Guilty**—In April 2011, a jury found Alexander Youshock, 18, guilty in an attack against teachers and students at Hillsdale High School. On August 24, 2009, Youshock detonated two bombs at the school before being tackled—no one was injured. The SVRCFL provided digital forensics expertise to investigators, and Deputy Director Alan Lee testified at Youshock’s trial where he described locating a deleted document that appeared to contain a fragment of instructions to create a pipe bomb, along with two receipts for bomb materials and a violent cartoon graphic. Youshock will serve his 24-year sentence in a state mental institution; however, if doctors determine he is sane, he will complete the remainder of his term in prison.

## SCORECARD: STATUS OF FY11 GOALS

 **Grow the Ranks**—The SVRCFL surpassed its goal of adding at least one new participating agency and welcomed the Contra Costa Office of the Sheriff and the San Mateo County Sheriff’s Office as participating agencies in FY11.

 **Complete Application to ASCLD/LAB**—The SVRCFL met this goal and submitted its application to ASCLD/LAB for international accreditation.

 **Enhance Staff Capabilities**—The SVRCFL certified two Macintosh computer examiners and continued training five new examiner trainees. Because of funding restrictions, no new examiners received certification in the FBI’s Forensic Audio/Visual Program.

 **Establish Loose Media Kiosk**—The SVRCFL staff procured the necessary equipment for three LMKs and installed one at the laboratory, one at the FBI’s San Francisco Division, and one at the San Jose Resident Agency.

## GOALS FOR FY12

**Obtain International Accreditation from ASCLD/LAB**

**Increase Staff Capabilities**—Earn FBI certification as a digital forensics examiner for three trainees.

**Extend the SVRCFL’s Service Offerings**—By deploying CPIKs to at least two new locations in the Bay area.

**Redesign the SVRCFL Website**—To enhance functionality and the overall look.



# WESTERN NEW YORK RCFL

WWW.WNYRCFL.ORG

**YEAR OPENED:** 2006

**LABORATORY DIRECTOR:**

SSA Robert Kosakowski

**SERVICE AREA:** 17 Counties in Western New York

**NUMBER OF AGENCIES IN SERVICE AREA:** 137

## PARTICIPATING AGENCIES

- Amherst Police Department
- Buffalo Police Department
- Department of Homeland Security
- Immigration and Customs Enforcement
- United States Border Patrol
- Erie County Probation Department
- Erie County Sheriff's Office
- FBI—Buffalo Division
- Monroe County Department of Public Safety
- New York State Attorney General's Office
- Niagara County Sheriff's Office
- Niagara Falls Police Department

## PROGRESS REPORT

The WNYRCFL's progress and accomplishments for FY11 follow—

**43** Number of agencies that requested assistance (34 local, 5 state, 4 federal)

**169** Number of service requests received

**349** Number of examinations completed

**53** Number of law enforcement officers trained in various digital forensics tools and techniques

**2** Number of times WNYRCFL personnel testified in court

**126** Number of TBs processed

**22** Number of times WNYRCFL personnel participated in onsite operations

**241** KIOSK USAGE—Total number of times law enforcement personnel used the RCFL's self-service digital forensics tools (CPIK: 133; LMK: 108)

## TOP 5 CUSTOMER REQUESTS BY CRIME CLASSIFICATION



## NOTABLE NEWS

**Launched Redesigned Website**—The WNYRCFL unveiled its new website design in FY11, featuring an online service request form to better assist its customers.

**Project Safe Childhood: Female Traveler Convicted**—In FY11, the WNYRCFL supported the successful prosecution of Angie L. Jenkins, 35. This was the first known case in the Western District of New York involving a woman charged with possessing child pornography and being a traveler. The Michigan mother of five met the 15-year old victim online through World of Warcraft (a video game). The relationship turned sexual, and Jenkins departed Michigan for Buffalo, where she had sex with the minor. The boy's parents discovered the relationship and promptly notified the FBI. Jenkins' computer was lawfully seized and sent to the WNYRCFL, where examiners located graphic images sent from the victim to Jenkins, along with multiple emails in which she pressured him to continue the relationship and threatened to commit suicide if he did not comply. Jenkins will serve 7 years in prison, pay a \$4,480 fine, and undergo 5 years of supervised release.

**Educated the Local Community About Digital Forensics**—The WNYRCFL conducted 86 laboratory tours for area college and high school students, along with Infragard members, giving them a firsthand view of the inner workings of the RCFL Program and the science behind digital forensics.

## SCORECARD: STATUS OF FY11 GOALS



**Identify New Partners**—The WNYRCFL met this goal with the addition of the Monroe County Department of Public Safety as a participating agency.



**Increase Efficiency**—The WNYRCFL conducted outreach to law enforcement agencies in its service area and promoted the CAIR system as a more convenient way to review the laboratory's findings.

## GOALS FOR FY12

**Add to the Ranks**—Recruit at least one new participating agency.

**Install DCAP**—This tool enables state/local agencies to review an RCFL's findings online in a secure environment, as opposed to physically traveling to the laboratory.

**Obtain ASCLD/LAB Accreditation**





# ACKNOWLEDGMENTS

The progress and accomplishments described in this report would not be possible without the FBI's continued support, as well as our invaluable partnership with the Asset Forfeiture Fund, and those relationships formed with our participating agencies nationwide, including—

## CALIFORNIA



Alameda County Sheriff's Office  
Anaheim Police Department  
California Highway Patrol  
California Department of Toxic Substances Control  
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  
• San Diego Division  
• San Francisco Division  
\*Fontana Police Department  
Fremont Police Department  
Fullerton Police Department  
Irvine Police Department  
La Mesa Police Department  
National City Police Department  
Naval Criminal Investigative Service  
Newark Police Department  
Newport Beach Police Department  
Oakland Police Department

Oceanside Police Department  
\*Ontario Police Department  
Orange County District Attorney's Office  
Orange County Sheriff's Office  
Palo Alto Police Department  
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  
U.S. Attorney's Office—Southern District of California  
Westminster Police Department

## 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  
Golden Police Department  
Jefferson County Sheriff's Office

**IDAHO**

Ada County Sheriff's Office

\*Boise City Police Department

**ILLINOIS**

Chicago Inspector General's Office

Chicago Police Department

Cook County Sheriff's Office

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 Sheriff's Office

Kansas Bureau of Investigation

Kansas City Police Department

Lawrence Police Department

Lenexa Police Department

Olathe Police Department

Overland Park Police Department

Shawnee County Sheriff's Office

Topeka Police Department

U.S. Attorney's Office—District of Kansas

**KENTUCKY**

Department of Criminal Investigations

FBI—Louisville Division

Kentucky State Police

Louisville Metro Police Department

University of Louisville

**MISSOURI**

Clay County Sheriff's Office

FBI—Kansas City Division

Grandview Police Department

Independence Police Department

Jackson County Sheriff's Office

Kansas City Police Department

Lee's Summit Police Department

Missouri State Highway Patrol

North Kansas City Police Department

Platte County Sheriff's Office

U.S. Attorney's Office—Western District of Missouri

**MONTANA**

Billings 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

University of New Mexico

## NEW YORK



Amherst Police Department  
Buffalo Police Department  
Department of Homeland Security  
Immigration and Customs Enforcement  
United States Border Patrol  
Erie County Probation Department  
Erie County Sheriff's Office  
FBI—Buffalo Division  
\*Monroe County Department of Public Safety  
New York State Attorney General's Office  
Niagara County Sheriff's Office  
Niagara Falls Police Department

## OHIO



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

## OREGON



FBI—Portland Division  
Hillsboro Police Department  
Milwaukie Police Department  
Multnomah County Department of Community Justice  
Oregon State Crime Laboratory  
Oregon State Police  
Portland Police Bureau

## PENNSYLVANIA



Bucks County District Attorney's Office  
Delaware County District Attorney's Office  
FBI—Philadelphia Division  
Lancaster City Bureau of Police  
Lower Merion Township Police Department

Lower Providence Township Police Department  
Montgomery County District Attorney's Office  
Philadelphia Police Department

## TEXAS



Dallas Police Department  
FBI

- Dallas Division
- 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  
Rosenberg Police Department  
\*Texas Department of Public Safety

## UTAH



FBI—Salt Lake City Division  
\*Murray City Police Department  
Salt Lake City Police Department  
Sandy City Police Department  
Utah Attorney's General Office  
Utah Department of Public Safety  
Weber County Sheriff's Office  
West Valley City Police Department

\*An asterisk indicates the organization became a participating agency in the RCFL Program in FY11.



To learn more about the RCFL  
Program,  
go to [www.rcfl.gov](http://www.rcfl.gov)

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