



# RCFL

REGIONAL COMPUTER FORENSICS LABORATORY

ANNUAL REPORT FOR FISCAL YEAR 2008

# FOREWORD

This report documents the accomplishments and progress of the Regional Computer Forensics Laboratory (RCFL) Program for Fiscal Year 2008 (FY08), which covers the period from October 1, 2007, to September 30, 2008.

FY08 marked the ninth year of operations for the RCFL Program, with 14 operational laboratories nationwide. On April 28, 2008, Federal Bureau of Investigation (FBI) Director Robert S. Mueller announced selection of two new RCFL host cities—Albuquerque, New Mexico, and Los Angeles, California—increasing the number of RCFLs to 16. This was welcome news for the program, which last opened an RCFL in Louisville, Kentucky, in 2006.

With more RCFLs than ever open for business, the program's focus remains squarely on maintaining operations in a challenging fiscal environment, while providing the highest quality digital forensics services and training to the law enforcement community. It is a delicate balancing act—but with nearly a decade of experience under our collective belts, the program's managers have the necessary skills and expertise

to fulfill this critical mission. Nonetheless, we are acutely aware that digital forensics is an evolving science affected by new technologies finding their way to the marketplace—and subsequently to RCFLs. As this report explains, maintaining the ability to extract digital evidence in a timely manner, especially from media and equipment used by sophisticated users familiar with safeguards such as encryption, is one of the greatest challenges facing the RCFL Program today.

As always, we extend our thanks and appreciation to the participating agencies that compose the RCFL Program, and for the continued support of FBI management in the Divisions and at Headquarters. Each and every one of you has contributed to the program's success, to strengthening law enforcement's digital forensics capacity, and to protecting our fellow citizens, neighborhoods, and country.

— SSA Bryan Tepper, RCFL Unit Chief  
& SSA Shelia Teague  
RCFL National Program Office

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# PART I: PROGRAM OVERVIEW



## 1.0 PURPOSE

The Regional Computer Forensics Laboratory (RCFL) Program is a national network of Federal Bureau of Investigation (FBI) sponsored, full-service digital forensics laboratories and training centers. The FBI provides start-up and operational funding, training, staff, and equipment, while state, local, and other federal law enforcement agencies assign personnel to staff the laboratory.

Each RCFL is devoted entirely to the examination of digital evidence in support of criminal and national security investigations. During Fiscal Year 2008 (FY08), the RCFL Program, comprising 14 digital evidence laboratories, provided law enforcement at all levels of government with digital forensics expertise for a wide variety of investigations—from terrorism to child pornography, fraud, homicide, and more.

In addition to supplying digital forensics support to law enforcement, the RCFL Program also conducts digital forensics training either in its modern classrooms housed inside the laboratories or at off-site locations. In FY08, RCFL personnel trained 4,991 law enforcement personnel in various digital forensics tools and techniques.

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**“The RCFL Program is one of law enforcement’s most cost-effective and productive high-tech initiatives operating today.”**

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— FBI Director Robert S. Mueller, III



## 2.0 ACCOMPLISHMENTS

FY08 proved to be another productive year for the RCFL Program across all facets of its operations.

**Program Expansion**—On April 28, 2008, FBI Director Mueller announced the selection of Los Angeles, California, and Albuquerque, New Mexico, as host sites for two new RCFLs. With the addition of these facilities, the number of RCFLs will increase to 16 nationwide. In a written statement, Director Mueller said, "...By bringing the resources of the RCFL Program to Los Angeles and Albuquerque, the FBI is doing its part to build digital forensics capacity at the local level. Both cities have strong support from their partners in local law enforcement and are ideal candidates for RCFLs."

**Training**—In FY08, RCFL Program personnel trained 4,991 law enforcement professionals in various digital forensic tools and techniques. RCFL-sponsored training occurred in a variety of settings, including—

- **Classroom**—RCFLs contain modern classrooms where students have access to their own computer terminal. This capability enables them to perform digital forensics techniques as they are taught by veteran instructors.

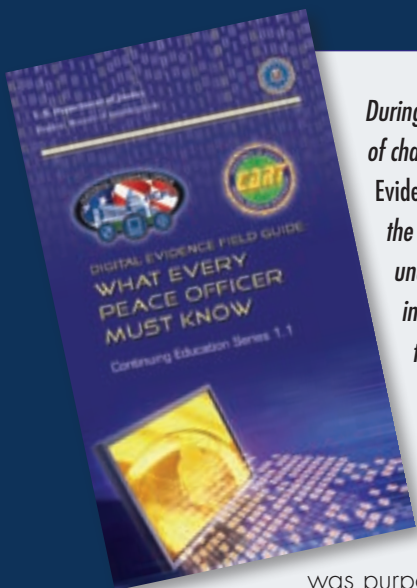


- **On-Site**—Upon request, RCFL personnel traveled on-site to train law enforcement.
- **Online**—The RCFL Program's *Continuing Education Series* (Series), launched in 2007, is an ongoing, virtual training initiative that supplies peace officers and first responders with timely information and practical tips on managing digital evidence. In FY08, as part of the Series, the RCFL Program produced a webcast entitled, "Managing Digital Evidence: What Every Law Enforcement Executive Must Know." The seminar consisted of three stand-alone modules and was designed by law enforcement executives for law enforcement executives. Because executives have such demanding schedules, the webcast



Above: GHRCL Director Ryan Dusek takes questions from the media.

In FY08, the Greater Houston RCFL (GHRCL) transitioned to its new digital forensics laboratory, holding a press conference and open house on July 15, 2008, to announce the move and show the Houston law enforcement community its spacious facility. The GHRCL's services are available to approximately 320 law enforcement agencies operating in south Texas.



*During FY08, the RCFL Program provided—free of charge—nearly 10,000 copies of the Digital Evidence Field Guide, VI.1 to members of the law enforcement community. Plans are underway to produce additional guides on important digital forensics topics. Log on to [www.rcfl.gov](http://www.rcfl.gov) for publication updates. The Guide contains tips and procedures on properly identifying, handling, and transporting digital evidence.*

was purposely kept short—only 22 minutes total—and was offered on demand, so they could view it at their leisure. To date, more than 1,000 individuals viewed the broadcast, which provided practical information on how to strengthen a law enforcement agency's digital forensics preparedness.

**Internships**—The RCFL Program's internship initiative completed its cycle in FY08, accommodating 18 students who worked at 10 RCFLs. Three FBI internship programs comprise the RCFL's initiative—the Honors Internship Program, the Volunteer Internship Program, and the Cooperative Internship Program. Applicants must apply through one of these three programs in order to work at an RCFL.

**Accreditation**—The Heart of America, Rocky Mountain, San Diego, and Intermountain West RCFLs each earned accreditation in digital evidence



*Shown here are the 2008 RCFL summer interns during a visit to FBI Headquarters.*

and multimedia from the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB) during FY08—boosting the total number of ASCLD/LAB-accredited RCFLs to seven.

ASCLD/LAB, a voluntary program, allows any crime laboratory to participate in order to demonstrate that its management, personnel, operational, and technical procedures, equipment, and physical facilities meet established standards. In addition to the FBI Operational Technology Division's (OTD) many quality processes and procedures, accreditation is part of a laboratory's overall quality assurance program, which also includes proficiency testing, continuing education, and other programs aimed at helping a laboratory provide excellent service to the law enforcement community.



*FBI Director Robert S. Mueller answers the media's questions regarding the RCFL Program and other issues before the FBI, during a press conference held at the San Diego RCFL (SDRCFL) on May 23, 2008.*



*ASCLD/LAB Executive Director Ralph Keaton presents SDRCL director Randall Bolelli with a framed certificate as FBI Director Robert S. Mueller looks on.*

## FY08 RCFL PROGRAM ACCOMPLISHMENTS

**Service Requests Received:** 5,057

Number of requests for assistance received by all RCFLs

**Examinations Conducted:** 4,524

Number of digital forensics examinations conducted by RCFL personnel

**Terabytes (TB) Processed:** 1,756

A TB is a unit of measurement for data storage capacity equal to 1,000 gigabytes

**Field Services:** 591

Number of on-site operations conducted by law enforcement for which RCFLs provided assistance

**Training Provided:** 4,991

Number of law enforcement personnel trained by the RCFL/Computer Analysis Response Team (CART) staff in various digital forensic techniques

**Examiner Testimony in Court:** 74

The number of times RCFL Examiners testified in court and/or hearings.

### Asset Forfeiture and Seized Property Unit

**Partnership**—The RCFL Program's partnership with the Department of Justice's (DOJ) Forfeiture and Seized Property Unit to receive Asset Forfeiture Funds (AFF) continued in FY08 and was a highly productive venture. AFF resources support the following RCFL Program activities—

- **Backlog Reduction**—An RCFL places a service request in backlog if it has been unassigned for more than 30 days and/or an examination has not been completed within 60 days. Because of the availability of AFF resources, the program can reimburse overtime paid to Examiners detailed to

RCFLs from state and local law enforcement agencies. The result has been a significant decrease in the number of requests placed in backlog and an increase in productivity. For example, the Silicon Valley RCFL (SVRCFL) reported an 80-percent backlog reduction at the close of FY08.

- **Overtime Reimbursement**—In FY08, the RCFL Program received 502 overtime requests to support and respond quickly to a range of criminal investigations, including time-sensitive matters, e.g., large search warrants executed after normal business hours, kidnappings, and homicides. Such was the case with the Federal Courthouse bombing in San Diego on May 4, 2008. The SDRCL staff processed hours of videotape footage using overtime—generating several important leads for investigators.
- **Leased Motor Vehicles**—In FY08, AFF resources enabled the RCFL National Program Office (NPO) to provide 92 leased motor vehicles to state and local detailees—giving these Examiners the means to travel to off-site locations and crime scenes.
- **Issued Cellular Telephones**—AFF resources were used to provide 92 cellular telephones to RCFL personnel—an added benefit of participation and a cost-saver for cash-strapped state and local law enforcement agencies.

Thanks to the many positive results generated by the program's partnership with the Forfeiture and Seized Property Unit, the initiative is being expanded in FY09 to cover training and equipment expenses for state/local Examiners assigned to RCFLs.

**Awards**—The RCFL Program received two important awards in FY08:

- **2008 Government Computer News (GCN) Annual Awards**—The Heart of America RCFL's (HARCFL) contributions toward implementing the Case Agent Investigative Review (CAIR)



*An Examiner assigned to the Chicago RCFL with his AFF-provided vehicle.*

System received an honorable mention for “Outstanding Information Technology Achievement in Government” in the GCN annual competition. CAIR allows users to review digital evidence forensics results online via a secure network.

■ **William French Smith Award for Outstanding Contributions to Cooperative Law Enforcement—**

The Niagara Falls Police Department, New York Attorney General’s Office, and the Erie County Sheriff’s Department—all participating agencies in the Western New York RCFL (WNYRCFL)—were recognized for their support of the laboratory during this annual award competition sponsored by DOJ.

**Formation of the National Advisory Committee**

**(NAC)**—One of the program’s earliest outreach initiatives was the creation of the National Steering Committee (NSC), formed in 2003. Because the RCFL Program was relatively new, and the field of digital forensics was just starting to gain prominence within law enforcement, NSC members focused their efforts on raising program awareness with their constituents—which included peace officers, first responders, law enforcement executives, and



**INCREASING EFFICIENCY**

During FY08, the RCFL Program processed 1,756 terabytes—an increase of 27 percent. This increase is attributed to the combination of both greater storage capacity and cheap availability of electronic devices. For example, cellular telephones in stores today dwarf the storage capacity of some desktop computers introduced just a year ago. Cellular telephones, along with similar electronic devices, enable users to record, send, and store reams of data, video, and graphic images, and are potential treasure troves for digital evidence. Therefore, the RCFL Program, along with CART, is always seeking new ways to increase efficiency either through on-site digital forensics tools such as ImageScan, or self-service digital forensics resources like the cellular telephone kiosks being deployed at selected RCFLs and FBI Field Offices around the country.

prosecutors. However, as the number of RCFLs grew from 2 when the NAC convened, to 16, the needs of the program changed. In 2008, 5 years after the NSC was formed, it was agreed the members had indeed met their mission to promote the program and the science of digital forensics, and the decision was made to replace this body with the NAC, composed of one member from each of the RCFL’s Local Executive Boards (LEB). Because of their affiliation and familiarity with a specific RCFL, the LEB representatives were better positioned to offer advice on operations as opposed to raising awareness before a broad constituency—a critical move for the program’s sustained viability as it enters its second decade of operations starting in 2009.

## 3.0 FUNDING

In FY08, the RCFL Program's annual operating budget from the FBI totaled \$11.8 million. These funds were used to operate 14 RCFLs and to support the activities of the RCFL NPO.

### MULTI-YEAR OPERATIONAL EXPENSES

The following is a breakdown of specific expenses associated with operating an RCFL starting with year 1 when the site selection process is completed through 4 years of operation. The explanation of the types of expenses incurred during each year is further illustrated in the chart that follows.

#### Year 1

RCFL site selection is completed, and a location for a new RCFL is identified. Non-critical material (such as furniture) is purchased and stored for future use at the RCFL.

#### Year 2

Initial buildout is funded through the General Services Administration and the FBI's Space Management Office. Any additional equipment needed to operate the RCFL is purchased.

#### Year 3

Lease payments typically begin during year 3 on a prorated basis. Examiner equipment is purchased, and Examiner training begins along with buildout activities and eventual occupation of the facility.

#### Year 4

First full year of lease payments begins. Other expenses include annual Examiner training to maintain certifications and skills. A full-time system administrator is hired to manage all network systems. ASCLD/LAB pre-inspection begins. The first AFF payments are made for leased vehicles, cellular telephones, and overtime for eligible personnel.

#### Year 5

Expenses include ASCLD/LAB accreditation activities, Examiner travel costs relating to training—both to maintain their certifications and to train other Examiners in the service area, and Examiner equipment refresh. CART Unit provides additional funding for infrastructure equipment, including a Storage Area Network (SAN), cellular telephone examination kiosk, and any other Examiner equipment as needed.

EXPENDITURE(S)	AMOUNT
Procurement of furnishings for facility:	
Training room furniture	\$14,000.00
Chairs (for the entire facility)	\$29,940.00
Workbenches (for 15 examiners)	\$240,945.00
<b>Year 1 Total:</b>	<b>\$284,885.00</b>
Initial buildout cost (RWA)	\$500,000.00
Additional equipment procurement, including security equipment	\$51,000.00
Training room computer equipment and projection systems	\$26,000.00
Operations & maintenance (O&M)	\$75,000.00
<b>Year 2 Total:</b>	<b>\$652,000.00</b>
Leasing expense (prorated—begin to occupy new facility partway through year)	\$275,000.00
Final buildout cost for facility	\$290,000.00
Computer equipment (for 15 examiners)	\$729,150.00
Training (for 15 examiners)	\$197,325.00
O&M	\$120,000.00
<b>Year 3 Total:</b>	<b>\$1,611,475.00</b>

EXPENDITURE(S)	AMOUNT
Leasing expense	\$550,000.00
Ongoing training expense (for 15 examiners)	\$150,000.00
O&M (includes system administration):	\$315,000.00
Equipment procurement from CART	
CART—Equipment	\$777,550.00
CART—SAN (FBI)	\$433,000.00
CART—Cellular Telephone Kiosk	\$20,000.00
AFF	
Leased vehicles (TFO)	\$38,500.00
Fuel (TFO)	\$36,800.00
BlackBerries (TFO)	\$9,900.00
Overtime (TFO)	\$70,000.00
Equipment (TFO)	\$20,000.00
<b>Year 4 Total:</b>	<b>\$2,420,750.00</b>
Leasing expense	\$550,000.00
Ongoing training expense (for 15 examiners)	\$150,000.00
O&M (includes system administration):	\$265,000.00
Equipment refresh	\$51,000.00
RCFL travel	\$13,000.00
AFF	
Leased vehicles (TFO)	\$45,000.00
Fuel (TFO)	\$39,600.00
BlackBerries (TFO)	\$9,900.00
Overtime (TFO)	\$82,000.00
Equipment (TFO)	\$20,000.00
ASCLD/LAB	
ASCLD—Accreditation	\$1,200.00
ASCLD—Inspection	\$4,000.00

# 4.0 CASEWORK/INVESTIGATIONS

## CASE STUDIES

The following case studies occurred during the course of FY08 and represent a sample of the many different types of investigations supported by RCFL personnel. As these examples demonstrate, one of the greatest benefits of participating in an RCFL is the opportunity to work on a variety of investigations.

## NATIONAL NEWS

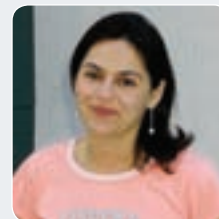
### JOSEPH DUNCAN SENTENCED TO DEATH

In August 2008, convicted pedophile and child murderer Joseph Edward Duncan, III, received the death penalty in federal court for the kidnapping, sexual abuse, and homicide of 9-year old Dylan Groene, in addition to receiving three life sentences given by a state judge in 2006. The Intermountain West RCFL (IWRCL) supported the 3-year investigation from start to finish and examined numerous computers, CDs, DVDs, Micro drives floppy disks, and SD cards. Examiners also processed videotape made by Duncan depicting the torture and sexual abuse of Dylan, and testified in court. The jury was shown these tapes and reportedly "...cringed, cried, and looked away" from the disturbing content. It took the jury of eight women and four men 3 hours to agree unanimously on the death penalty for Duncan. U.S. Attorney Tom Moss said, "The jury had the heaviest burden that a jury had to deal with. I have nothing but the utmost admiration for them." Although the federal prosecution of Duncan has ended, several states, including California, continue to prosecute him.



### WELL-KNOWN SOFTWARE DEVELOPER CONVICTED

Hans Reiser, creator of the ReiserFS filesystem, was found guilty on April 28, 2008, of the first-degree murder of his estranged wife Nina, then 31, in 2006. Reiser claimed that Nina abandoned her children to return to her native Russia and accused her of embezzling from his software company. The couple was in the midst of a contentious divorce when Nina was last seen dropping off her children at Reiser's home. Her best friend reported her missing two days later. After an investigation was launched, police soon focused on Reiser, who was arrested on October 10, 2006, and held without bail. The SVRCFL supported the investigation of Nina's disappearance. With no body, and virtually no physical evidence, the prosecution presented mostly circumstantial evidence at the trial, which lasted nearly six months. The jury found Reiser guilty, and he now faces a mandatory sentence of 25 years to life in prison.



*Nina Reiser*

### FEMALE HALF OF “BONNIE & CLYDE” TEAM PUNISHED

Jocelyn Kirsch, who gained notoriety as the female half of the “Bonnie & Clyde of Identity Fraud,” received a 5-year prison sentence for stealing personal information from 50 friends, co-workers, and neighbors, which was used to obtain fraudulent credit cards. She also had to pay \$100,000 in restitution and must undergo mental health treatment while in prison. Judge Eduardo C. Robreno said her crimes were the result of “greed and a desire to fuel a lavish lifestyle.” According to press reports, Kirsch and her partner stole approximately \$116,000 from their victims and attempted to steal \$122,000 more before being caught. They initially faced local charges; however, once the investigation grew in scope, it was elevated to the Philadelphia FBI, the U.S. Postal Inspection Service, and the Philadelphia Police. Authorities searched the couple’s \$3,000-a-month apartment and found cash, credit cards, fake driver’s licenses, and keys to all of their neighbors’ units and mailboxes. The Philadelphia RCFL (PHRCFL) processed one desktop computer, one laptop computer, two Macintosh computers, two thumb drives, and a portable device. Because the two defendants both pled guilty, no Examiners were required to testify at trial. Nonetheless, the digital evidence recovered by the PHRCFL was critical because it contained documents and spreadsheets detailing the pair’s crimes.



*Jocelyn Kirsch*

### BIZARRE INTERNET ROMANCE HAS TRAGIC CONSEQUENCES

By all accounts, Thomas Montgomery was a typical suburban dad—married for years to the same woman, father of two, involved in his church, and president of his daughter’s swim club. But this was not enough to prevent him from creating not one, but two fake identities, and engaging in an Internet romance with a 17-year old teenager named “Jessi.”

Eventually, Montgomery’s wife discovered the affair and informed Jessi that her Internet boyfriend was not an 18-year-old Marine serving in Iraq, but her 45-year husband who long ago retired from military service. Distressed, Jessi enlisted the help of friend Brian Barrett, a 22-year old college student who coincidentally worked at the same factory as Montgomery. Barrett confirmed Montgomery’s real identity to Jessi, but after rebuffing the older man, she resumed corresponding with him. Intensely jealous of Jessi’s relationship with Barrett, Montgomery shot the aspiring teacher to death as he left work. In yet another twist, it turned out that Jessi wasn’t who she claimed to be. In fact, Jessi’s 45-year-old mother Mary was impersonating her daughter, and it was she who was writing to both men. Because Barrett and Montgomery both resided in the Buffalo area, the WNYRCFL examined the digital evidence associated with the investigation. On November 27, 2007, Montgomery was sentenced to 20 years in prison for the murder of Brian Barrett.

### CIVIL RIGHTS INVESTIGATION

The FBI lists civil rights violations in its major crime classifications; the following story illustrates how this classification is appropriate in society today. In September 2006, a federal search warrant was executed at the Fayette County Detention Center in Lexington, Kentucky, for alleged civil rights violations. Two months later, the Kentucky RCFL (KRCFL) received a service request from the FBI’s Lexington Division to analyze media seized during the execution of that warrant, as well as additional media seized during the investigation. On June 12, 2008, the U.S. DOJ issued a press release announcing a federal grand jury had returned an eight-count indictment against five current and former Fayette County corrections officers—identifying multiple incidents that allegedly occurred between January 1, 2006, and October 1, 2006. The corrections officers allegedly assaulted inmates without justification at the intake unit of the jail and attempted to cover up their conduct by filing false reports and charges against the inmates. The investigation is ongoing.

We the People

### SAN DIEGO FEDERAL COURTHOUSE BOMBING

In August 2008, U.S. Attorney Karen P. Hewitt announced the indictment of Rachelle Carlock, Ella Sanders, and Eric Robinson on charges related to the use of a weapon of mass destruction and other charges arising from the bombing of the Federal Courthouse in San Diego on May 4, 2008, and a related bombing of a Federal Express distribution center in San Diego on April 25, 2008. The SDRCL staff performed audiovisual analysis—processing hours of footage from courthouse cameras and numerous other external closed circuit television devices from surrounding area businesses. The digital evidence extracted from the video cameras clearly tracked the subjects' movements leading up to and after the incidents. In addition, a video clip made by SDRCL Examiners was released to the news media to stimulate new investigative leads, show the extent of the damage, and simulate the potential harm if the device had detonated during normal business hours. All three subjects pled guilty to the charges against them and face lengthy stays in federal prison.



*FBI agents at work after the bombing of the Federal Courthouse in San Diego.*

### HOLY LAND TRIAL

After 15 years, the trial against the Holy Land Foundation finally began in federal court on September 22, 2008, in Dallas. The North Texas RCFL (NTRCFL)



supported the investigation of Holy Land, which once was the country's largest Muslim charitable organization, before being shuttered in 2001. The FBI first took an interest in Holy Land's business operations in 1994—examining the organization's financial ties to the Palestinian terrorist group Hamas. The first trial against Holy Land ended in a mistrial in 2007. During the second trial, federal prosecutors charged foundation officials with illegally funneling millions of dollars to Hamas. To support the investigation, the NTRCFL processed more than 700 pieces of media (e.g., computers, floppy disks, CDs, etc.) from Holy Land's headquarters in Texas and its satellite offices in New Jersey and Illinois. Working alongside case agents, the NTRCFL located several key pieces of data that were presented in court. They included spreadsheets, documents, and databases detailing the organization's day-to-day operations and financial transactions. Also found on the computers were thousands of temporary Internet graphics files containing pictures of known martyrs, speakers, fundraising rallies, suicide bombers, and men posing with weapons and bombs. During the examination process, Windows Registry Reports were produced to identify and link specific computers to the five defendants. An NTRCFL Examiner testified in court regarding the computer forensics processes performed. As of the publication date of this report, the FBI had issued a press release on November 25, 2008, announcing guilty verdicts on all 108 counts against the Holy Land Foundation, representing the largest victory against terrorist financing in the United States since the September 11, 2001, attacks.

### DOMESTIC TERRORIST SENTENCED

On June 3, 2008, Christopher Paul, a/k/a "Abdul Malek," a/k/a "Paul Kenyatta Laws," a 44-year-old U.S. citizen born in Columbus, Ohio, pled guilty to conspiring with others to use a weapon of mass destruction, namely explosive devices, against targets in Europe and the United States. On April 11, 2007, Paul was arrested and charged with conspiring to provide material support and resources to terrorists, conspiring to use a weapon of mass destruction, and providing material support and resources to terrorists. By pleading guilty, Paul agreed to a 20-year prison sentence. The Miami Valley RCFL (MVRCL) was part of the Columbus FBI Joint Terrorism Task Force that investigated Paul.

### "COLUMBINE" TYPE SHOOTING THWARTED

The PHRCFL provided digital forensics assistance to the Plymouth Township Police Department and the Montgomery County District Attorney's Office in the investigation of a planned "Columbine-type" shooting spree. The PHRCFL supported the investigation by expeditiously examining two computers. They located communications with Pecca-Eric Auvinen, the 18-year old student who fatally shot eight people in a Finland school. Cossey was charged as a juvenile with crimes related to weapons of mass destruction, terrorism, and conspiracy to commit murder. On December 14, 2007, he was sentenced to seven years in a juvenile facility, and his mother pled guilty on September 23, 2008, to providing firearms to her son and faces up to 4 years in prison.

## PUBLIC CORRUPTION

### CUNNINGHAM INVESTIGATION DRAWS TO A CLOSE

In February 2008, Brent Wilkes, a key associate of former Congressman turned convict Randy "Duke" Cunningham, was sentenced to 12 years in federal prison after being convicted on 13 counts of bribery, conspiracy, wire fraud, and money laundering. Wilkes received \$87 million in Pentagon contracts thanks to Cunningham. The SDRCFL supported the federal investigation against Cunningham, who was sentenced in 2005 to 8 years and 4 months in prison for conspiring to commit bribery, honest services fraud, and tax evasion. After securing Wilkes' conviction, the Government opted to proceed against Kyle "Dusty" Foggo—who once served as the Executive Director of the Central Intelligence Agency, the third highest-ranking position in the agency.



*Brent Wilkes*

Foggo admitted to abusing his government position by hiring companies and individuals with whom he had concealed his personal relationships. He faces a maximum penalty of 20 years in prison, a \$250,000 fine, and 3 years of supervised release. Sentencing is set for early 2009 and will end the investigation. The SDRCFL processed more than 12 TBs of digital evidence in support of this investigation.

### POWERFUL EX-MAYOR JAILED

In July 2008, the flamboyant ex-mayor of Newark, New Jersey, Sharpe James, was sentenced to 27 months in prison and ordered to pay a \$100,000 fine for fraud and conspiracy. His ex-girlfriend, Tamika Riley, was sentenced to 15 months in prison.

The New Jersey RCFL (NJRCFL) supported the federal investigation and examined several computers related



*Ex-Mayor of Newark,  
Sharpe James*

## PUBLIC CORRUPTION (continued)

to the case. Prosecutors said James abused his office and facilitated the sale of nine city-owned properties for \$46,000 to Ms. Riley, who sold the properties at a profit instead of renovating them as required. James

still faces federal corruption charges for abusing city-issued credit cards to cover \$58,000 in personal expenses.

## CRIMES AGAINST CHILDREN

### NEW JERSEY PEDOPHILE SENTENCED

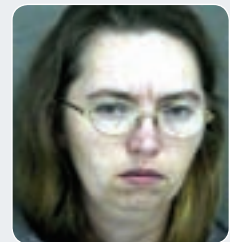
In May 2008, Clement Bilski, 45, was sentenced to 80 years in New Jersey State Prison after being convicted of 52 counts involving the same child who was sexually abused between the ages of two and six. The NJRCFL was part of a task force, along with two of its participating agencies, Monmouth County Prosecutor's Office and the New Jersey State Police. Authorities first became aware of Bilski after an agent from the Maryland State Police Crimes Against Children Task Force learned that Bilski was sharing videos on the Internet showing children being sexually abused. The Maryland officer contacted officials with the New Jersey State Police who quickly obtained a search warrant for Bilski's residence. There they found an extensive video library of Bilski's abuse of children. The NJRCFL exported or copied approximately 34 8-millimeter videotapes to DVDs and provided their findings to investigators. Bilski will remain in custody until he is at least 104.



Learn more about the FBI's efforts to keep our children safe. Visit the FBI's Crimes Against Children Program's home page at <http://www.fbi.gov/hq/cid/cac/crimesmain.htm>

### CASE CLOSED: JURY SENTENCES LISA MONTGOMERY TO DEATH

On April 4, 2008, U.S. District Judge Garry Fenner sentenced Lisa Montgomery, 39, to death for the murder of 23-year Bobbi Jo Stinnett and for kidnapping her unborn baby. The clues that led investigators to Ms. Stinnett's murderer and baby were found on a personal computer examined by members of the HARCFL. A federal jury convicted Montgomery and recommended the death penalty—which Judge Fenner imposed. On December 16, 2004, 23-year old Bobbi Jo Stinnett was found strangled in her home—her unborn fetus cut from her womb. Montgomery is only the third woman in the country to land on federal death row.



*Convicted murderer Lisa Montgomery*

### FATHER CONVICTED OF SEXUALLY ABUSE AGAINST HIS DAUGHTER

Stephen Brewer was convicted of taking graphic, pornographic pictures of his daughter for approximately five years before being discovered. Examiners with the HARCFL processed hundreds of CD/DVDs and multiple computers associated with the investigation. Brewer received a 50-year jail sentence.

## MEDIA TYPES

The RCFL NPO tracks the types of electronic devices or “media” handled by RCFLs such as cellular telephones, DVDs, etc. The table below illustrates the media types processed by RCFLs for FY08 and lists the quantities processed.

Media Type	Total Number of Media Processed	Total Compared with FY07
CD	17,593	↓
Cellular Telephone	2,226	↑
DVD	4,310	→
Devices (i.e., CPUs)	284	↑
*Digital Camera	39	N/A
*Digital Media Player	76	N/A
Flash Media	2,548	↑
Floppy Disk	10,982	↓
*Global Positioning System (GPS) Device	59	N/A
Hard Disk Drive	17,511	↑
Magneto Optical	376	↑
Personal Digital Assistant (PDA)	193	↓
Tape	379	↑
Zip/Jazz/Super Disks	674	→
Other	1,359	↑
<b>TOTAL</b>	<b>58,609</b>	

\* New in FY08



## 5.0 WHAT'S AHEAD

During FY08, the RCFL Program processed 1,756 TBs of data. For most people, that's just a number, but for those in the digital forensics world, it signifies a major accomplishment. A TB alone is a massive amount of data. Consider this: computer data is measured in bytes and 1 TB is equivalent to a trillion bytes. A large library contains about 1 TB of data and a typical video store may contain about 8 TBs of video data. In FY08, RCFLs processed data equal to the contents of 219 video stores or 1,756 libraries.

Because electronic devices increasingly have greater storage capacity, RCFL Examiners literally have more files to review. For instance, home computers featuring 1 TB of storage are available for purchase, and manufacturer TiVo® recently introduced a digital video recorder with a 1-TB capacity. Granted, the average person does not need this much data storage, but if these devices are available, consumers will buy them. The more ubiquitous these devices become, the likelihood of them being present during a criminal investigation is all but guaranteed.

To properly manage the continued growth of data storage and capacity, the RCFL Program is deploying the following new tools and policies to increase efficiency:

**Prioritizing Service Requests**—With RCFLs collectively processing more data, they are simultaneously prioritizing service requests to keep pace with demand. The policy for providing immediate service for high-priority investigations, such as kidnappings, terrorism, or homicide, remains intact. However, with limited resources and personnel on hand, RCFLs are more often triaging service requests, providing assistance first to participating agencies, and prioritizing requests from non-participating agencies by the nature of the crime. This tiered approach to managing service requests has been implemented by several RCFLs and may be instituted programwide should demand for the program's services continue to exceed supply.



**Adopting "Self-Service" Tools**—Self-serve cellular telephone kiosks enable users to extract data from a cellular telephone, put it into a report, and burn the report to a CD or DVD in as little as 30 minutes. This initiative was

first piloted and implemented by the HARCFL in January 2008, boosting the laboratory's efficiency because investigators must use the kiosk first before requesting a full cellular telephone forensics examination. Starting in 2009, the FBI's CART is making cellular telephone kiosks available to the Chicago, Greater Houston, Intermountain West, New Jersey,

## KIOSK YIELDS CRITICAL FINDINGS

After seizing a cellular telephone left at the scene of a violent armed robbery at a fast food restaurant outside Kansas City, Missouri, detectives brought the telephone to the HARCFL kiosk for examination. Within minutes, they extracted the suspect's address book, call logs, and text messages—some containing detailed plans for the robbery. Two days after the robbery occurred, detectives arrested and charged four suspects, one of whom had shot an armored truck guard—leaving him in critical condition. The investigation is ongoing.



*NWRCFL Examiners Steve Johns and Chris Kitto working with the cellular telephone kiosk.*

Philadelphia, Rocky Mountain, North Texas, San Diego, Silicon Valley, and Northwest RCFLs. Kiosk users must complete a one-time, hour-long, computer-based training course to navigate the tool; however, RCFL staff members are also available at each location to assist users.

**Case Agent Investigative Review (CAIR) System**—The CAIR System, which includes both hardware and software components, allows state and local customers of an RCFL to review the laboratory's digital evidence forensics results online via a secure network. This is a great time saver because customers can access the CAIR System from the convenience of their own offices and may never have to set foot in an RCFL to have their evidence processed. To date, the Heart of America and San Diego RCFLs have made the CAIR System available to all their customers. The Northwest and New Jersey RCFLs are in the process of bringing the system to their state and local customers, and other RCFLs will follow suit as resources become available.

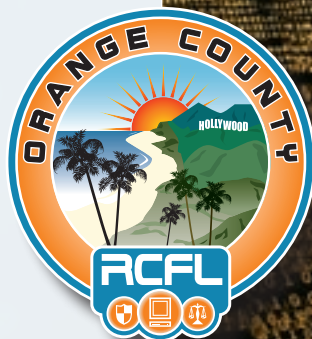
## Coming Soon...

Establishing a new RCFL is a multi-step process that begins with receiving funding to create a new RCFL, continues with the solicitation and selection processes, and culminates with the opening of a new laboratory. With the selection of Los Angeles and Albuquerque as host cities, the RCFL NPO is working closely with FBI officials in these Divisions to get the Orange County and New Mexico RCFLs up and running. In FY08, the RCFL NPO was in the implementation phase, which encompasses a variety of activities, including—

- Coordinating the Memoranda of Understanding between the FBI and each potential participating agency
- Evaluating and meeting with prospective digital forensics Examiners
- Creating individualized training programs for incoming Examiners
- Securing space, infrastructure, and equipment for the RCFL.

Partner agencies for the Orange County RCFL, whose service area will include all of Orange County (the second most populous county in California), are—

- Anaheim Police Department
- FBI—Los Angeles Division
- Fullerton Police Department
- Irvine Police Department
- Newport Beach Police Department
- Orange County District Attorney
- Orange County Sheriff's Department
- Santa Ana Police Department
- Westminster Police Department.



Partner agencies for the New Mexico RCFL (NMRCFL), whose service area will include the entire state of New Mexico, are—

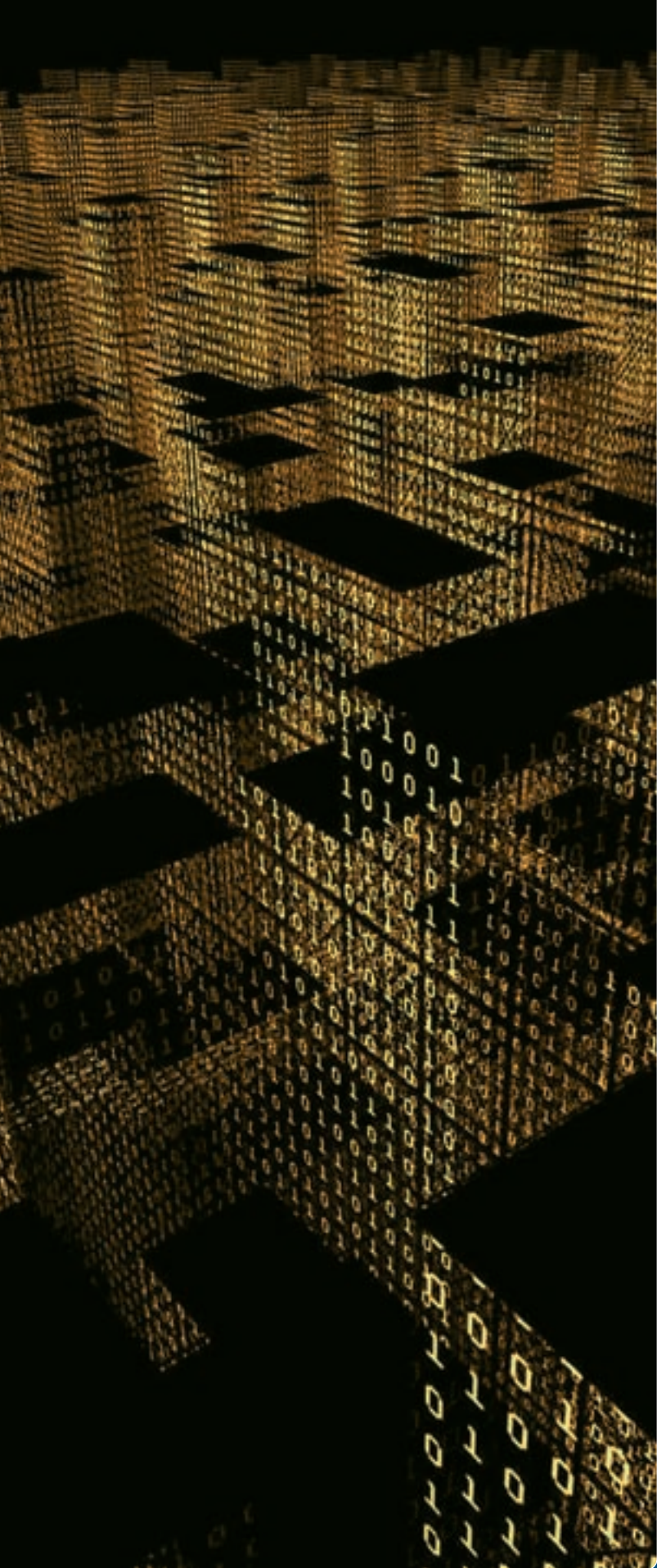
- Albuquerque Police Department
- Bernalillo County Sheriff's Office
- FBI—Albuquerque Division
- New Mexico Attorney General's Office
- New Mexico State Police
- University of New Mexico.



*The NMRCFL will be located in the Science and Technology Park on the campus of the University of New Mexico (UNM). NMRCFL and UNM officials are combining resources to enhance digital forensics education through student participation within the NMRCFL and focusing research on emerging digital forensics technologies and methodologies.*

Upon completion of the implementation phase, the stand-up phase begins in which the designated RCFLs publicly announce they are open for business and will accept requests for digital forensics support and training from law enforcement agencies in their respective service areas.





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# CHICAGO RCFL

WWW.CHICAGORCFL.ORG

Year Established: 2003

Laboratory Director: Keith Johnson

Service Area: Northern Illinois

Number of Agencies in Service Area: 364

## PARTICIPATING AGENCIES

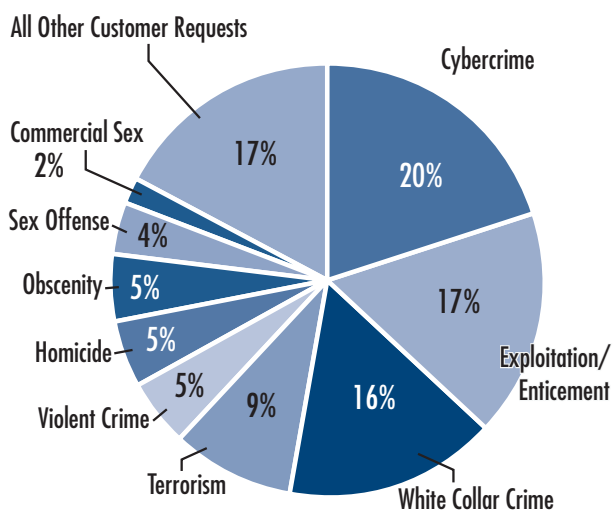
- Chicago Inspector General's Office
- Chicago Police Department
- Cook County Sheriff's Office
- FBI—Chicago Division
- Lombard Police Department
- Palatine Police Department
- University of Illinois at Chicago Police Department

## PROGRESS REPORT

The CGRCFL's progress and accomplishments for FY08 follow—

56	Number of agencies that requested assistance
46:	Local
7:	State
3:	Federal
301	Number of service requests received
1,608	Number of pieces of media examined
31	Participation in on-site operations
269	Number of examinations completed
83	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Reduced Backlog**—The CGRCFL reduced its backlog by 32 percent in FY08.

## PULSE CHECK: STATUS OF FY08 GOALS



**Prepare for ASCLD/LAB Accreditation**—The CGRCFL prepared for ASCLD/LAB accreditation but did not submit an application. It plans on doing so in FY09.

## FY09 GOALS

The CGRCFL has set the following goals for FY09—

- **Earn ASCLD/LAB Accreditation**
- **Reduce Backlog**—By an additional 30 percent
- **Streamline Operations**—Implement online system for service requests
- **Implement New Service Request Policy**—Develop new policy pertaining to accepting requests for service from non-participating agencies in the CGRCFL
- **Increase Ranks**—Add at least one new participating agency in FY09
- **Perform Upgrades**—Continue upgrades to the SAN to increase the laboratory's storage capacity and overall efficiency.



# GREATER HOUSTON RCFL

WWW.GHRCFL.ORG

Year Established: 2005

Laboratory Director: Ryan Dusek

Service Area: Southern Texas

Number of Agencies in Service Area: 320

## PARTICIPATING AGENCIES

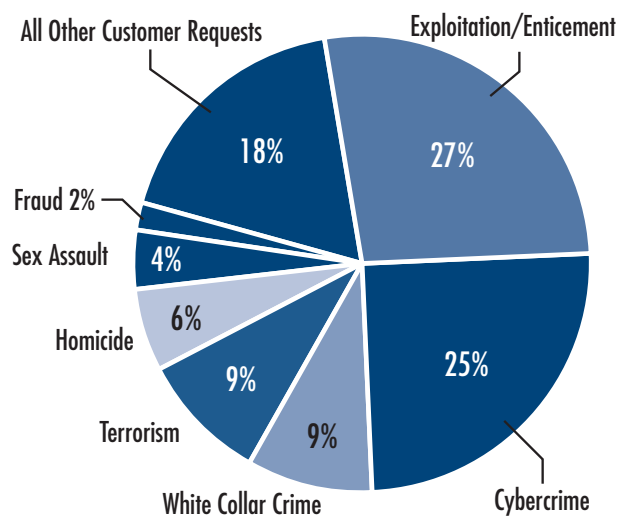
- FBI—Houston Division
- Harris County Precinct 4 Constable's Office
- Harris County Sheriff's Office
- Houston Police Department
- Pasadena Police Department
- Rosenberg Police Department
- Tomball Police Department

## PROGRESS REPORT

The GHRCFL's progress and accomplishments for FY08 follow—

36	Number of agencies that requested assistance
33:	Local
1:	State
2:	Federal
336	Number of service requests received
3,036	Number of pieces of media examined
49	Participation in on-site operations
302	Number of examinations completed
38	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



*GHRCFL Examiner David Hendricks gives reporters a tour of the lab's capabilities.*

## NOTABLE NEWS

**Opened New Laboratory**—The GHRCFL staff moved into its modern facility and held a press conference on July 15, 2008, announcing the laboratory's new location.

**Supported National Security Investigation**—The GHRCFL supported a joint federal investigation of Houston resident Tai Shen Kuo, who engaged in espionage for approximately 3 years and was suspected of soliciting and receiving U.S. military secrets from a Department of Defense employee. The GHRCFL processed more than 200 items of digital evidence, which resulted in the finding of sensitive documents. On May 13, 2008, Kuo entered a guilty plea on one count of conspiracy to communicate U.S. national defense information to a foreign government. On August 8, 2008, Kuo was sentenced to 188 months in federal prison followed by 5 years of supervised release.

## PULSE CHECK: STATUS OF FY08 GOALS



### Apply for ASCLD/LAB Accreditation—

Owing to the move to the new space and a hurricane that hit the Houston area and temporarily affected the laboratory's operations, the GHRCFL staff will submit an application to ASCLD/LAB in FY09.



### Add One New Participating Agency—

The GHRCFL welcomed the Rosenberg Police Department to its ranks in FY08.



### Implement SAN and CAIR System—

Construction on the server room was completed, and the laboratory received additional hardware in FY08 to implement the CAIR System.

## GOALS FOR FY09

The GHRCFL has set the following goals for FY09—

- **Apply for ASCLD/LAB Accreditation**
- **Increase the Number of Participating Agencies—**  
By at least one
- **Complete installation of the CAIR System**
- **Provide More Training Opportunities—**Increase the number of officers trained by GHRCFL personnel in digital forensics tools and techniques.





# HEART OF AMERICA RCFL

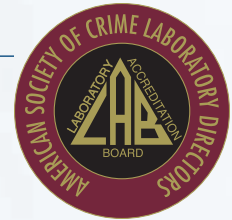
WWW.HARCFL.ORG

Year Established: 2003

Acting Laboratory Director: Jeff Owen

Service Area: Kansas and the Western Two-Thirds of Missouri

Number of Agencies in Service Area: 867



Accredited Since 2007

## PARTICIPATING AGENCIES

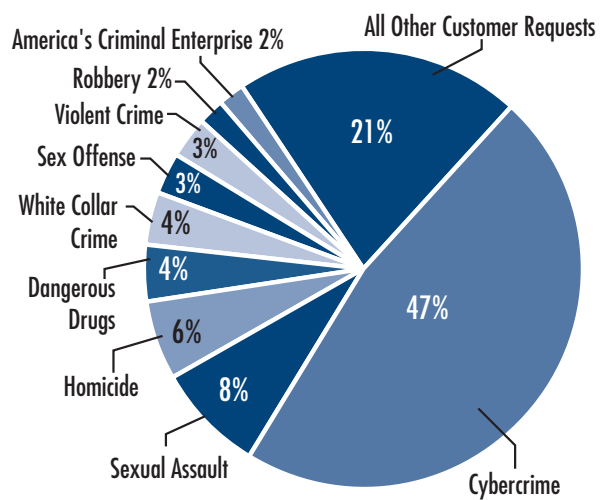
- FBI—Kansas City Division
- Grandview, Missouri Police Department
- Independence, Missouri Police Department
- Jackson County, Missouri Sheriff's Office
- Johnson County, Kansas Sheriff's Office
- Kansas Bureau of Investigation
- Kansas City, Kansas Police Department
- Kansas City, Missouri Police Department
- Lawrence, Kansas Police Department
- Leavenworth County Sheriff's Office
- 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
- U.S. Attorney's Office—
  - District of Kansas
  - Western District of Missouri
- U.S. Department of Agriculture—Office of the Inspector General

## PROGRESS REPORT

The HARCFL's progress and accomplishments for FY08 follow—

72	Number of agencies that requested assistance
61:	Local
8:	State
3:	Federal
625	Number of service requests received
9,089	Number of pieces of media examined
70	Participation in on-site operations
575	Number of examinations completed
276	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



*Pictured here is the HARCFL staff displaying its framed certificate and plaque from ASCLD/LAB.*

## NOTABLE NEWS

**Underwent Personnel Changes**—Two staff members completed their assignments at the HARCFL, and eight new detailees joined the laboratory in FY08.

**Received Award**—The HARCFL received the “Federal Employees Recognition Award” in May 2008 for significantly reducing its backlog in a short amount of time.

**Implemented a Cellular Telephone Kiosk**—The HARCFL was the first RCFL to fully implement a cellular telephone kiosk, which allows users to extract data without the assistance of an Examiner. They began offering this service in January 2008 and by the end of FY08, logged 102 self-service cellular telephone exams—quickly providing critical information to investigators. Additional kiosk services include surveillance review, a CD/DVD copying station, and ability to review drives prior to submission.

**Introduced Policy Changes**—To better manage the hundreds of service requests received each year, the HARCFL implemented a new submission process, limiting non-participating agencies to three cases annually. This policy requires non-participating agencies to use the CAIR remote review system when submitting more than three service requests annually.

## PULSE CHECK: STATUS OF FY08 GOALS



**Implement “Virtual Computers” System**—The HARCFL staff created this tool to enable Examiners to reproduce hard drives of several computers onto one machine through a sophisticated software program. After completing a successful pilot

test in FY07, the HARCFL fully implemented the system in FY08. Using this system, Examiners can work in a location outside the HARCFL but still access the same capabilities as though they were sitting at a work station inside the laboratory. The benefits of

operating in a virtual environment include cost efficiency, increased productivity, and the ability to operate on a much broader platform.



**Earn ASCLD/LAB Accreditation**—The HARCFL earned this distinction in both digital and multimedia evidence in December 2007, becoming the 4th RCFL and 28th laboratory in the world to achieve this goal.

## GOALS FOR FY09

The HARCFL has set the following goals for FY09—

- **Establish Associate Laboratory**—With one of the largest service areas on record, the HARCFL, along with the Kansas Bureau of Investigation (KBI), Shawnee County, Kansas Sheriff’s Office, and Topeka, Kansas Police Department, is working on establishing an associate laboratory to better assist law enforcement agencies in rural areas. The KBI is providing laboratory space at no cost.
- **Enhance Cellular Telephone Kiosk Offerings**—The HARCFL is planning new training offerings to increase the user friendliness of the cellular telephone kiosk.
- **Maintain a 60-Day Turnaround Time**—The HARCFL is working toward maintaining a 60-day turnaround time on 90 percent of its submitted requests for assistance.



# INTERMOUNTAIN WEST RCFL

WWW.IWRCFL.ORG

Year Established: 2005  
 Laboratory Director: Roger Call  
 Service Area: Utah, Idaho, and Montana  
 Number of Agencies in Service Area: 400



## PARTICIPATING AGENCIES:

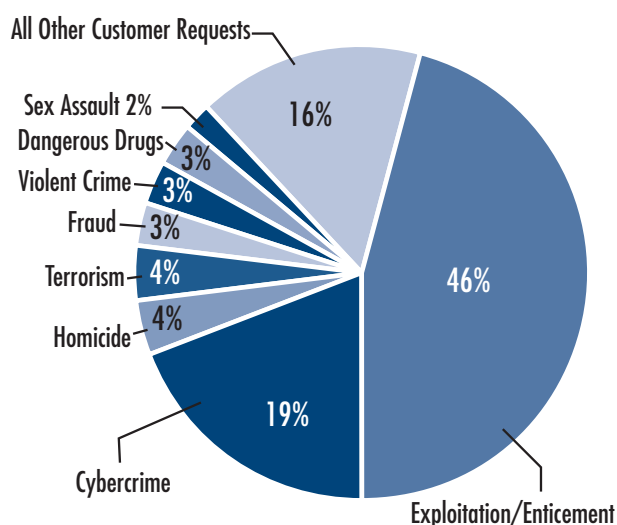
- Ada County Sheriff's Office
- Billings Police Department
- Davis County Sheriff's Office
- FBI—Salt Lake City Division
- Salt Lake City Police Department
- Salt Lake County Sheriff's Office
- U.S. Attorney's Office—District of Utah
- Utah Attorney General's Office
- Utah Department of Public Safety
- Weber County Sheriff's Office
- West Valley City Police Department

## PROGRESS REPORT

The IWRCFL's progress and accomplishments for FY08 follow—

84	Number of agencies that requested assistance
60:	Local
16:	State
8:	Federal
323	Number of service requests received
2,666	Number of pieces of media examined
43	Participation in on-site operations
459	Number of examinations completed
140	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Supported Major Investigation**—The 3-year investigation and trial of convicted murderer and pedophile Joseph Duncan ended in FY08 with him receiving the death penalty.

**Received Award**—The IWRCFL received the Quality Award for the “Best Large RCFL” from the FBI’s CART Unit.

## PULSE CHECK: STATUS OF FY08 GOALS



**Seek ASCLD/LAB International Accreditation**—The IWRCFL received ASCLD/LAB international accreditation, and is the first RCFL to achieve this milestone for its main laboratory in Salt Lake City and the satellite locations in Boise and Billings.



**Establish CAIR System**—The IWRCFL staff deployed the CAIR System for FBI employees and is in the process of making this tool available for state and local law enforcement personnel during FY09.



**Reduce the Backlog**—The IWRCFL did not reduce its backlog by 20 percent; nonetheless, this remains an ongoing goal.

## GOALS FOR FY09

The IWRCFL has set the following goals for FY09—

- Achieve ASCLD/LAB International Accreditation
- Complete installation of CAIR System
- Reduce the Backlog
- Increase Laboratory Capabilities in the Areas of Audio and Video Forensic Analysis
- Add at Least One New Participating Agency.



# KENTUCKY RCFL

WWW.KRCFL.ORG

Year Established: 2006

Laboratory Director: Mike Viergutz

Service Area: State of Kentucky

Number of Agencies in Service Area: 420

## PARTICIPATING AGENCIES

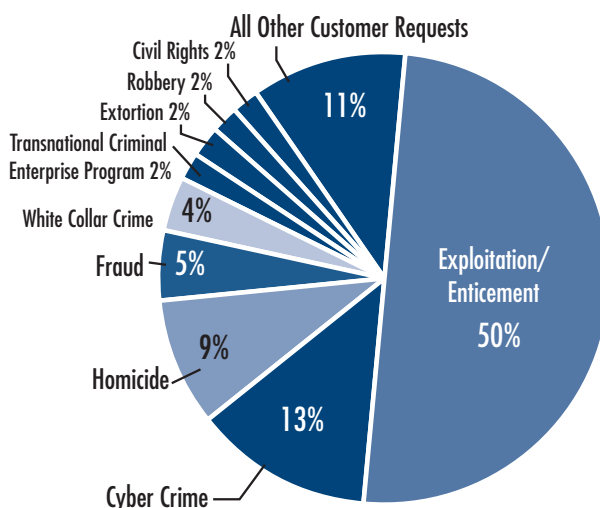
- FBI—Louisville Division
- Kentucky Bureau of Investigation
- Kentucky State Police
- Louisville Metro Police Department
- University of Louisville

## PROGRESS REPORT

The KRCFL's progress and accomplishments for FY08 follow—

12	Number of agencies that requested assistance
6:	Local
5:	State
1:	Federal
84	Number of service requests received
4,150	Number of pieces of media examined
22	Participation in on-site operations
56	Number of examinations completed
101	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Earned Personnel Certifications**—Two KRCFL Examiners earned CART certification in FY08, and a third Examiner became a sworn law enforcement officer, making him eligible to participate in the AFF Program.

**Awarded Research and Development Project**—Co-op students from University of Louisville Speed School of Engineering assigned to the KRCFL are participating in the FBI's Forensic Support Unit's Front Runner Program and were awarded a major testing and validation project.

## PULSE CHECK: STATUS OF FY08 GOALS



**Prepare for ASCLD/LAB Accreditation**—The KRCFL submitted an application to ASCLD/LAB in September 2008 and will undergo the audit process in FY09.



**Increase the Number of Participating Agencies**—The KRCFL did not meet this goal in FY08, but it remains an ongoing objective.



**Conduct a State/Local CAIR System Feasibility Study**—Members of the KRCFL

staff met with representatives from the University of Louisville Department of Justice Administration, the Kentucky Office of the Attorney General, and several law enforcement agencies in western Kentucky to discuss how best to conduct this feasibility study. All agreed the CAIR System would benefit law enforcement; however, the group also discussed the equally pressing need for more digital evidence experts throughout the entire state of Kentucky. The University of Louisville identified potential funding sources to facilitate the identification of up to eight locations where law enforcement personnel could participate in digital forensics training programs. After successfully completing the training, the participants would serve as regional resources for law enforcement agencies in their vicinity.

## GOALS FOR FY09

The KRCFL has set the following goals for FY09—

- Pursue ASCLD/LAB Accreditation
- Implement CAIR System
- Grow the Ranks—Add at least one new participating agency in FY09.



# MIAMI VALLEY RCFL

WWW.MVRCFL.ORG

Year Established: 2005

Laboratory Director: Dave Barnes

Service Area: Southern Ohio

Number of Agencies in Service Area: 183

## PARTICIPATING AGENCIES

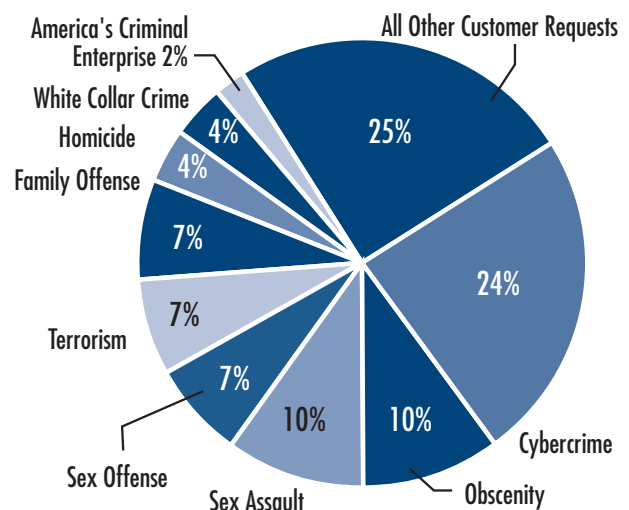
- Miami Valley Regional Crime Laboratory
- Dayton Police Department
- FBI—Cincinnati Division, Dayton Field Office

## PROGRESS REPORT

The MVRCFL's progress and accomplishments for FY08 follow—

38	Number of agencies that requested assistance
31:	Local
5:	State
2:	Federal
170	Number of service requests received
1,756	Number of pieces of media examined
14	Participation in on-site operations
138	Number of examinations completed
86	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Received Awards**—The MVR CFL was recognized by the FBI’s CART Unit with a Quality Award for outstanding proficiency test results. Examiner Skip Burnham was recognized by the U.S. Attorney’s Office and the Green County Prosecutor’s Office for his work on an investigation involving an Olympic judo coach accused of molesting one of his athletes.

**Supported Federal Investigation**—An Olympic judo coach based in the Dayton area, pled guilty to white slavery charges after abusing a minor female judo student he escorted to several out-of-state and out-of-country tournaments. The suspect stored images from the sexual encounters with the student on a CD, which the MVR CFL later processed. The investigation into the coach’s actions began at the local level and was later elevated to the FBI and the U.S. Attorney’s Office. The coach was sentenced in federal court to a 10-year prison term.

## PULSE CHECK: STATUS OF FY08 GOALS



**Complete Laboratory Construction**—The MVR CFL relocated to its new 4,000 square foot, state-of-the-art facility in Centerville, Ohio.



**Increase the Number of Participating Agencies and Staff**—The MVR CFL did not meet its goal of adding a new participating agency; however, the staff is actively pursuing additional partners to join its new laboratory. During FY08, a CART Technician was added to the MVR CFL staff and is making significant contributions toward streamlining the examination process and reducing the backlog.

## GOALS FOR FY09

- **Increase the Number of Participating Agencies**—The MVR CFL plans to add at least one new participating agency to its roster.
- **Reduce the Backlog**—By at least 18 percent.



# NEW JERSEY RCFL

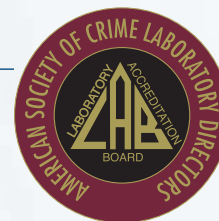
WWW.NJRCFL.ORG

Year Established: 2004

Acting Laboratory Director: Timothy Ryan

Service Area: The State of New Jersey

Number of Agencies in Service Area: 550



Accredited Since 2006

## PARTICIPATING AGENCIES:

- Essex County Prosecutor's Office
- 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 FY08 follow—

67 Number of agencies that requested assistance  
 55: Local  
 11: State  
 1: Federal

580 Number of service requests received

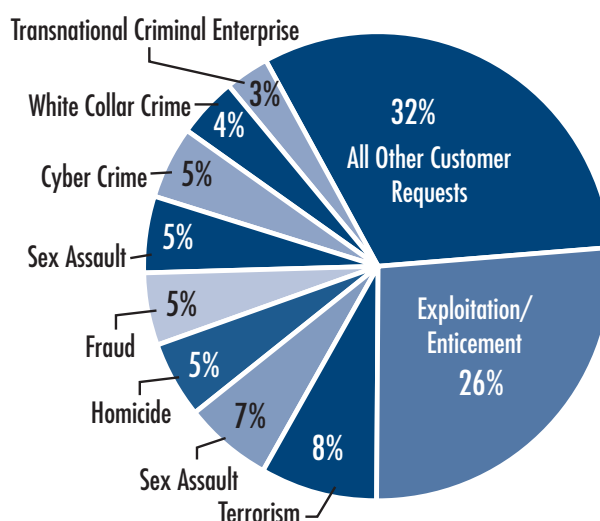
5,768 Number of pieces of media examined

127 Participation in on-site operations

450 Number of examinations completed

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

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Received Recognition**—The U.S. Department of Justice, International Criminal Investigative Training Assistance Program, sent a letter of recognition and a plaque to the NJRCFL for hosting two police inspectors from Malawi as interns in digital forensics and cyber investigation training.

**Added New Participating Agency**—The NJRCFL welcomed the Somerset County Prosecutor's Office as a participating agency in FY08.

**Underwent Personnel Changes**—One individual successfully completed his assignment, and two others joined the NJRCFL staff.

## PULSE CHECK: STATUS OF FY08 GOALS



**Maintain Continuous Quality Improvement**—The NJRCFL met this goal through a series of internal audits and a comprehensive Quality Management System—resulting in adjustments to specific laboratory operations and administrative

processes aimed at increasing efficiency. The NJRCFL is currently implementing these processes and adjustments in a “Plan-Do-Check-Act” model that continually seeks to identify ways to improve laboratory services and increase efficiency.



**Reduce Examination Backlog**—Despite a 30-percent increase in service requests and no staffing enhancements, the NJRCFL experienced no negative impact in response time to participating agencies. This result is attributed to a solidly planned quality system, AFF-sponsored overtime, and a dedicated staff of professional Examiners.

## GOALS FOR FY09

- **Enhance Quality Management System**—To continuously evaluate operations and adjust laboratory administration and operational processes in order to identify and implement efficiencies to improve customer service—particularly for participating agency requests.



# NORTH TEXAS RCFL

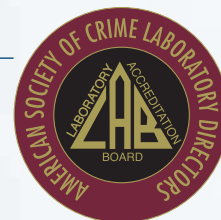
WWW.NTRCFL.ORG

Year Established: 2000

Laboratory Director: 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:

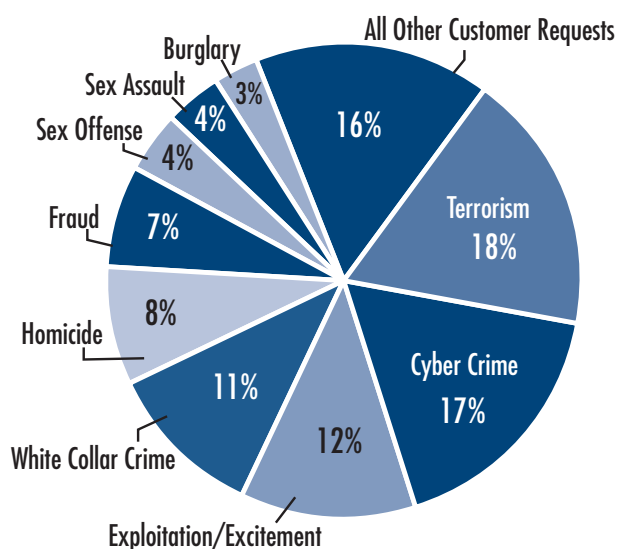
- Dallas Police Department
- Denton County District Attorneys Office
- FBI—Dallas Division
- Garland Police Department
- Grand Prairie Police Department
- Plano Police Department
- Richardson Police Department

## PROGRESS REPORT

The NTRCFL's progress and accomplishments for FY08 follow—

68	Number of agencies that requested assistance
53:	Local
10:	State
5:	Federal
574	Number of service requests received
15,194	Number of pieces of media examined
54	Participation in on-site operations
552	Number of examinations completed
156	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.

## NOTABLE NEWS

**Sponsored Conference**—The NTRCFL contributed time and resources to the 20th Annual Crimes Against Children conference held in Dallas, Texas. The 2008 conference was the largest, with more than 2,700 professionals in attendance. The NTRCFL staff also taught several digital forensics workshops during the event. The next conference is scheduled for August 17–20, 2009, in Dallas.

**Hosted International Delegation**—The NTRCFL hosted a delegation of law enforcement professionals from Mexico and provided week-long training in various digital and video forensics tools and techniques.

**Protected the Community**—In July 2008, a local police department responded to an injured person call at a local gas station. When officers arrived, they found a female unconscious on the floor, and it was determined later by medical personnel that the woman had indeed been shot. Video surveillance footage from the gas station showed a male suspect entering the gas station and shooting the female in the head. The NTRCFL played an integral role in retrieving the video surveillance clip and provided this information to investigators who released the images of the suspect to the local media. After the broadcast aired, a suspect was identified within 24 hours of the incident.

**Assisted in Serial Rapist Arrest**—An NTRCFL Examiner assisted the Dallas Police Department (a participating agency in the NTRCFL) with a serial rapist investigation—the suspect had abducted three women and sexually assaulted them at gunpoint. The NTRCFL Examiner located several images taken from a digital video recorder at one of the crime scenes, showing the suspect's vehicle, including images of both sides of the car, the color, and visible front

end damage. Because the witnesses gave conflicting descriptions of the suspect, these images assisted significantly in identifying the vehicle and its owner.

## PULSE CHECK: STATUS OF FY08 GOALS



### Prepare for ASCLD/LAB International Accreditation

The NTRCFL continued preparing for international accreditation and will submit an application to ASCLD/LAB in FY09.



### Implement CAIR System

The NTRCFL did not obtain outside resources to implement the CAIR System for its state and local customers, but this remains an ongoing goal. The staff is making contributions toward enhancing the operations of the CAIR System through research and development efforts.

## GOALS FOR FY09

- **Add New Participating Agency**—The NTRCFL plans to add at least one new participating agency in FY09.
- **Gain ASCLD/LAB International Accreditation.**



*Pictured here are Mexican law enforcement officials taking training at the NTRCFL classroom.*



# NORTHWEST RCFL

WWW.NWRCFL.ORG

Year Established: 2005

Laboratory Director: Andy Schroder

Service Area: Oregon and Southwest Washington

Number of Agencies in Service Area: 109

## PARTICIPATING AGENCIES:

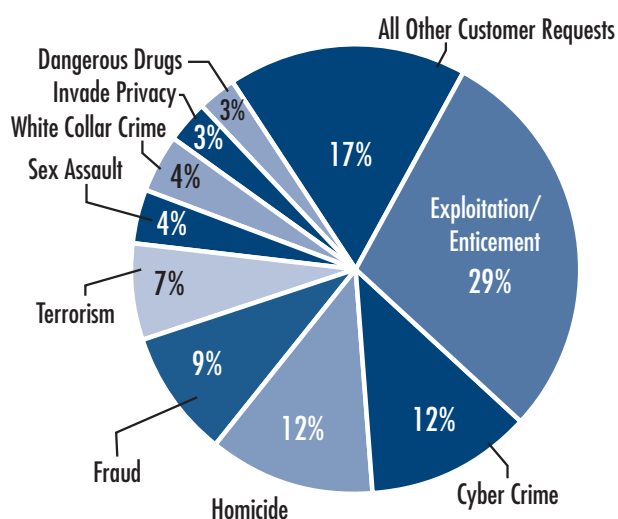
- Beaverton Police Department
- Bonneville Power Administration
- Clark County Sheriff's Office
- FBI—Portland Division
- Gresham Police Department
- Hillsboro Police Department
- Multnomah County Department of Community Justice
- Oregon State Crime Laboratory
- Oregon State Police
- Portland Police Bureau
- Washington County Sheriff's Office

## PROGRESS REPORT

The NWRCFL's progress and accomplishments for FY08 follow—

26	Number of agencies that requested assistance
18:	Local
4:	State
4:	Federal
224	Number of service requests received
971	Number of pieces of media examined
6	Participation in on-site operations
169	Number of examinations completed
121	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Sought ASCLD/LAB Accreditation**—The NWRCFL submitted an application to ASCLD/LAB and expects to become accredited in FY09.

**Received Award**—The CART Unit recognized the NWRCFL for reducing its backlog.

**Continued Investigation of the Murder of Assistant U.S. Attorney**—The NWRCFL continues to provide digital forensics expertise to investigators looking into the murder of Assistant U.S. Attorney Thomas Crane Wales, who was shot in his home in 2001. The staff continues to examine media associated with the ongoing investigation.



*Thomas Wales\**

## PULSE CHECK: STATUS OF FY08 GOALS



**Increase the Number of Participating Agencies**—The NWRCFL met this goal and welcomed the Multnomah County Department of Community Justice and the Oregon State Crime Laboratory in FY08.



**Reduce Turnaround Time**—Efforts to decrease the laboratory's examination turnaround time resulted in a 52-percent reduction in case backlog.



**Implement the CAIR System**—The NWRCFL continued working on implementing the CAIR System, and this remains an important goal for FY09.

## GOALS FOR FY09

- **Increase the Number of Participating Agencies**—By at least one.
- **Implement the CAIR System.**
- **Reduce Turnaround Time**—The laboratory is averaging a 60-day turnaround time for examinations and is working toward reducing that number even further.
- **Earn ASCLD/LAB Accreditation.**

\* photo courtesy of the Thomas C. Wales Foundation



# PHILADELPHIA RCFL

WWW.PHRCFL.ORG

Year Established: 2006

Laboratory Director: J.P. McDonald

Service Area: Philadelphia and Eastern Pennsylvania

Number of Agencies in Service Area: 500

## PARTICIPATING AGENCIES:

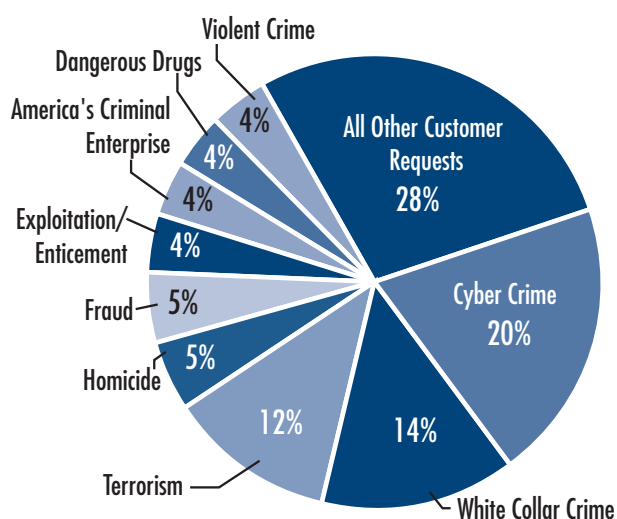
- Delaware County (PA) District Attorney's Office
- FBI—Philadelphia Division
- Lancaster City Bureau of Police
- Lower Merion Township Police Department
- Lower Providence Township Police Department
- Montgomery County (PA) District Attorney's Office
- Philadelphia Police Department

## PROGRESS REPORT

The PHRCFL's progress and accomplishments for FY08 follow—

31	Number of agencies that requested assistance
26:	Local
3:	State
2:	Federal
332	Number of service requests received
3,584	Number of pieces of media examined
27	Participation in on-site operations
303	Number of examinations completed
527	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.

## NOTABLE NEWS

**Completed Major Hardware Upgrades**—The PHRCFL staff completed upgrading its SAN from a storage capacity of 8 TBs to 80 TBs. One TB is equivalent to the contents of a large library.

**Participated in FBI's 100th Anniversary Celebration**—As part of the festivities, two PHRCFL Examiners conducted digital forensics demonstrations

before hundreds of members of the general public who toured the Federal Building where the FBI-Philadelphia Division is housed.

**Supported Diverse Investigations**—The PHRCFL joined forces with the FBI’s Newark Division on an organized crime investigation. The Examiners provided on-site assistance at 7 different locations in Eastern Pennsylvania—imaging more than 50 computers and more than 5 TBs of data. Examiners also supported an investigation involving popular television news anchor, Larry Mendte, 51, who pled guilty in federal court on August 22, 2008, to illegally accessing a protected computer and reading more than 500 personal and confidential messages sent to former co-anchor Alycia Lane. Members of the FBI and the PHRCFL executed a search warrant at Mendte’s home and seized a computer, among other items, which was brought to the laboratory for a full examination. Shortly thereafter, Mendte was fired from his \$700,000 a year job as anchor for the local CBS affiliate. Mendte is scheduled for sentencing in early FY09.

## PULSE CHECK: STATUS OF FY08 GOALS



### Increase the Number of Participating Agencies—

The PHRCFL met this goal, adding the Lower Providence Township Police Department and the Lancaster City Bureau of Police to its ranks.



### Seek ASCLD/LAB Accreditation—

The PHRCFL submitted an application to ASCLD/LAB in FY08 and expects to earn accreditation in FY09.



### Monitor Staff Training—

Two PHRCFL Examiners attended the year-long Forensic Audio/Video Program field pilot training program. Upon successfully completing the training, the Examiners will provide this service to area law enforcement.



### Expand Training Opportunities—

The PHRCFL is using its sophisticated training room to teach area law enforcement about new and emerging technologies affecting criminal investigations. Training topics included JNET Facial Recognition Software Training, “My Space” Investigations Training, Regional Identity Theft Network (RITNET) Training, and Malware Analysis Training.



### Cultivate Diverse Partnerships—

The PHRCFL hosted meetings of the High Technology Crime Investigation Association and the Crimes Against Children Working Group meeting. Additionally, PHRCFL staff participated in a meeting with the FBI’s Philadelphia chapter of INFRAGARD, with more than 160 members in attendance who also toured the laboratory. PHRCFL Director J.P. McDonald and Deputy Director Ed Monaghan regularly attend the Electronic Crimes Task Force meetings.

## GOALS FOR FY09

- **Increase Number of Participating Agencies—**  
Ensure a rapid and effective response to managing a growing caseload by the addition of trained Examiners.
- **Diversify Training Opportunities—**Continue serving as a training resource and develop different types of training workshops to help law enforcement stay abreast of new and emerging technologies in the marketplace.
- **Broaden Forensics Services Offerings—**Add the capability to conduct audio and video examinations for law enforcement customers.
- **Expand CAIR System—**Investigate the option of installing a CAIR Review System for use by state and local customers.



# ROCKY MOUNTAIN RCFL

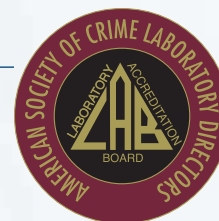
WWW.RMRCFL.ORG

Year Established: 2006

Laboratory Director: Sean O'Brien

Service Area: The States of Colorado and Wyoming

Number of Agencies in Service Area: 269



Accredited Since 2008

## PARTICIPATING AGENCIES

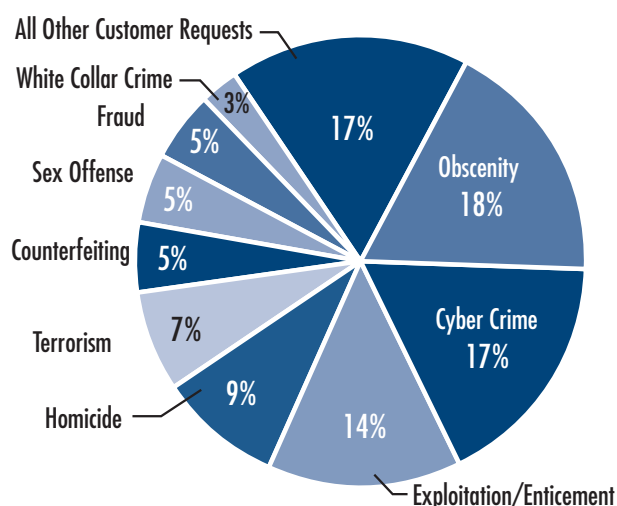
- Adams County Sheriff's Office
- Arapahoe County Sheriff's Office
- Arvada Police Department
- Aurora Police Department
- Colorado State Judicial Branch—  
18th Judicial District
- Denver District Attorney's Office
- Denver Police Department
- Douglas County Sheriff's Office
- FBI—Denver Division
- Golden Police Department
- Jefferson County Sheriff's Office

## PROGRESS REPORT

The RMRCFL's progress and accomplishments for FY08 follow—

- |       |  |
|-------|--|
| 39    | Number of agencies that requested assistance   |
| 31:   | Local  |
| 4:    | State  |
| 4:    | Federal  |
| 303   | Number of service requests received  |
| 1,752 | Number of pieces of media examined   |
| 4     | Participation in on-site operations  |
| 308   | Number of examinations completed   |
| 180   | Number of law enforcement officers trained in various digital forensics tools and techniques |

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Earned ASCLD/LAB Accreditation**—The RMRCFL earned ASCLD/LAB accreditation in FY08 and held a press conference on May 21, 2008, to announce this major achievement.

**Protected the Community**—Missing persons Jennifer Marcum, Kaysi McLeod, Terry Kimball, and Leann Emry had but one thing in common—a lone suspect who authorities believe is connected to their disappearance and is jailed on unrelated charges. Only remains of Kaysi McLeod, 19, have been found. The RMRCFL examined the suspect's laptop computer and located information about three of the four missing persons, along with violent images of sexually related acts. The investigation is ongoing.

## PULSE CHECK: STATUS OF FY08 GOALS



**Add Participating Agencies**—The Adams County and Jefferson County Sheriff's Offices joined the RMRCFL during FY08.



**Obtain a SAN**—To help manage a growing caseload, the RMRCFL requested and received a SAN.

## GOALS FOR FY09

- **Fully Install SAN**—After receiving the hardware in FY08, the RMRCFL staff will install the SAN in FY09 and will significantly increase its storage capacity by several TBs.
- **Decrease Backlog**—The RMRCFL has set a goal of reducing its backlog by 15 percent.



# SAN DIEGO RCFL

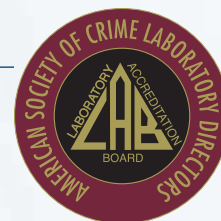
WWW.SDRCLF.ORG

Year Established: 1999

Laboratory Director: Craig Porter

Service Area: San Diego and Imperial Counties

Number of Agencies in Service Area: 80



Accredited Since 2008

## PARTICIPATING AGENCIES:

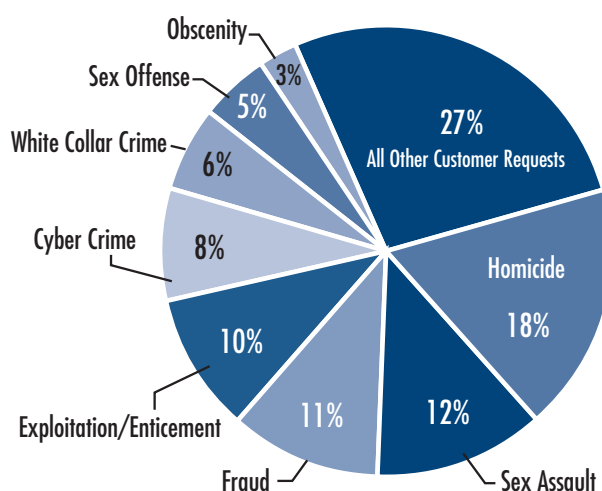
- California Highway Patrol
- Chula Vista Police Department
- Department of Homeland Security—Immigration and Customs Enforcement
- FBI—San Diego Division
- Naval Criminal Investigative Service
- San Diego County District Attorney's Office
- San Diego Police Department
- San Diego Sheriff's Department
- U.S. Attorney's Office—Southern District of California

## PROGRESS REPORT

The SDRCLF's progress and accomplishments for FY08 follow—

24	Number of agencies that requested assistance
15:	Local
7:	State
2:	Federal
773	Number of service requests received
5,211	Number of pieces of media examined
113	Participation in on-site operations
537	Number of examinations completed
353	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



*ASCLD/LAB Executive Director Ralph Keaton with former SDRCFI Director Randall L. Bolelli and the SDRCFI staff.*

## NOTABLE NEWS

**Obtained ASCLD/LAB Certification**—The SDRCFI earned ASCLD/LAB accreditation and held a press conference on May 23, 2008, attended by FBI Director Robert Mueller, to make this announcement.

## PULSE CHECK: STATUS OF FY08 GOALS



**Increase Number of Participating Agencies**—The SDRCFI welcomed back the California Highway Patrol as a participating agency.



**Achieve CAIR System Functionality**—The SDRCFI met this goal, including remote access capability, and implemented the CAIR System for state and local law enforcement.



**Increase Efficiency and Reduce Examination Processing Time**—Improvements were made in both areas, but these remain ongoing goals.



**Develop a Strategic Forensics Component Devoted to Child Pornography**—In June 2008, an SDRCFI component was established within the new Internet Crimes Against Children Task Force recently created in San Diego.



**Increase Resources and Capabilities in Cellular Telephones and Audio/Video Examinations**—In FY08, the SDRCFI assigned an additional staff member to conduct audio video examination work, and the laboratory was selected to receive a cellular telephone kiosk from the CART Unit.

## GOALS FOR FY09

- **Institute a Comprehensive Triage Process**—To better prioritize examination work, narrow investigative requests, and maximize laboratory performance.
- **Develop and Implement Business Plan**—This plan is geared toward reaching the San Diego law enforcement community and would put in place a mechanism that ensures the SDRCFI has adequate resources to keep pace with technology and rising requests for services.
- **Expand CAIR System and Cellular Telephone Kiosk**—Continue building on the resources offered by the CAIR System and cellular telephone kiosk by providing advanced instruction, follow-up with users, and additional space to review findings within the laboratory.



# SILICON VALLEY RCFL

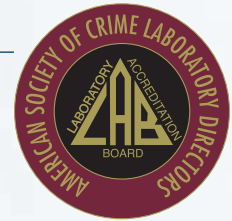
WWW.SVRCFL.ORG

Year Established: 2005

Laboratory Director: Chris Beeson

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
- FBI—San Francisco Division
- Newark Police Department
- Oakland Police Department
- Palo Alto Police Department
- San Jose Police Department
- San Mateo County Sheriff's Office
- Santa Clara County District Attorney's Office

## PROGRESS REPORT

The SVRCFL's progress and accomplishments for FY08 follow—

46 Number of agencies that requested assistance  
 37: Local  
 6: State  
 3: Federal

283 Number of service requests received

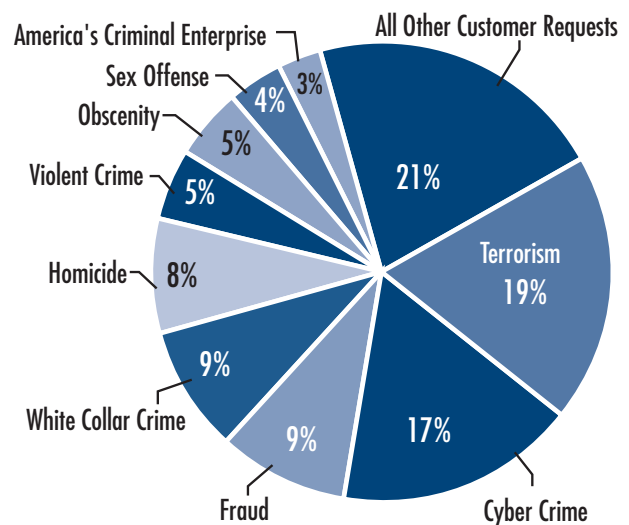
2,844 Number of pieces of media examined

39 Participation in on-site operations

259 Number of examinations completed

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

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.

## NOTABLE NEWS

**Reduced Backlog**—The SVRCFL reduced its backlog by more than 80 percent in FY08. SVRCFL Director Chris Beeson attributes this success to the lab's dedicated Imaging Team, the application of additional technology tools such as the CART SAN, and the overall hard work of all staff.

**Protected the Community**—The SVRCFL supported the investigation of former teacher David Lista, who was accused of placing a secret video camera inside a girls' restroom at Mills High School in San Mateo County. Lista was arrested after a school employee discovered images of the students in the bathroom on the school's server. Soon thereafter, authorities executed a lawful search of Lista's home where they found illegal drugs. Investigators also submitted Lista's school computer to the SVRCFL for examination where images of child pornography were found, in addition to his bathroom recordings of approximately 19 female students. On August 28, 2008, Lista pleaded no contest to one felony count of possession of child pornography, one count of felony possession of methamphetamine, and two counts of misdemeanor improper videotaping. Lista faces up to 2 years in state prison and must register as a sex offender.

## PULSE CHECK: STATUS OF FY08 GOALS



### Increase the Number of Participating Agencies—

The SVRCFL welcomed the Oakland Police Department as a participating agency in FY08. Its officer hit the ground running and is expected to obtain full CART certification in spring 2009.



**Increase Efficiency**—By the close of FY08, the laboratory staff was completing examinations (not including content analysis of data recovered) in an average of 55 days. The laboratory is also part of the Innovari development team, which plans to offer a complete "cradle-to-grave solution"

for conducting forensic examinations—further enhancing efficiency.



### Build Capacity—

Working alongside the FBI's Digital Evidence Section, the SVRCFL is developing itself as a Center of Excellence in a particular technology area. The proposal for the "Center" is pending, and if approved, will lead to numerous partnerships with private companies and other forensic service providers located in Silicon Valley's formidable "technology territory."



### Broaden Training Opportunities—

The SVRCFL broadened training offerings by obtaining additional certifications. Two Examiners received advanced certifications in Macintosh Forensics, and two others received their basic certification. SVRCFL personnel were actively involved in developing and teaching a 4-day course on conducting forensic examinations in a virtualized environment. As an added bonus, the virtual forensics curriculum has led to the identification of a new technology to enhance forensics workstations—thereby improving efficiency.

## GOALS FOR FY09

- **Recruit Additional Participating Agencies**—SVRCFL continues to recruit local agencies and hopes to increase the roster by at least one agency in 2009.
- **Launch Center of Excellence.**



# WESTERN NEW YORK RCFL

WWW.WNYRCFL.ORG

Year Established: 2006

Laboratory Director: Robert Kosakowski

Service Area: 17 Counties in Western New York

Number of Agencies in Service Area: 137

## PARTICIPATING AGENCIES

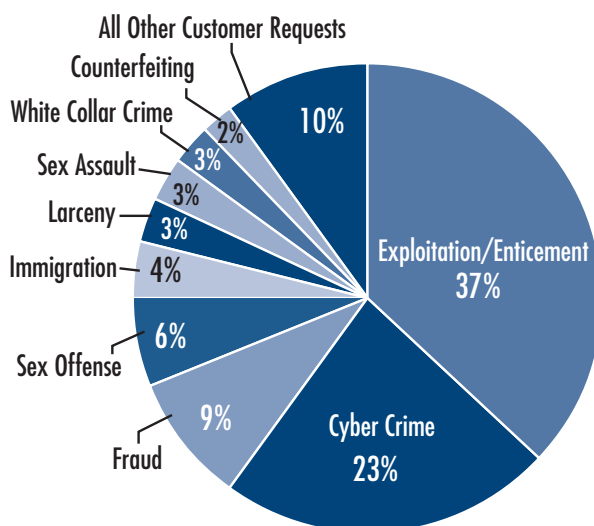
- Department of Homeland Security
  - Immigration and Customs Enforcement
  - United States Secret Service
- Erie County Probation Department
- Erie County Sheriff's Office
- FBI—Buffalo Division
- New York State Attorney General's Office
- Niagara Falls Police Department

## PROGRESS REPORT

The WNYRCFL's progress and accomplishments for FY08 follow—

44	Number of agencies that requested assistance
33:	Local
4:	State
7:	Federal
149	Number of service requests received
986	Number of pieces of media examined
2	Participation in on-site operations
147	Number of examinations completed
103	Number of law enforcement officers trained in various digital forensics tools and techniques

## CUSTOMER REQUESTS BY CRIME CLASSIFICATION



Note: Because the RCFL Program's database contains more than 300 types of crime classification codes, only the top customer requests by crime type are listed here. The section entitled "All Other Customer Requests" varies in size by RCFL and crosses a wide spectrum of additional crime classifications, including stolen property, weapons offenses, drugs, embezzlement, commercial sex, and burglary, to name a few.



## NOTABLE NEWS

**Staff Certifications**—Four WNYRCFL Examiners earned specialty certifications in Linux, MAC, and Audio/Video Forensics.

**Supported Investigation Involving a Minor**—On August 27, 2008, Mark Youngs, 46, pled guilty in federal court to one count of possession of child pornography and one count of producing child pornography. Thanks to a tip from the New York State Internet Crimes Against Children Task Force, a search warrant was issued for Youngs' home, where a computer was seized and brought to the WNYRCFL for examination. Youngs is scheduled for sentencing in FY09 and faces a penalty of 15 to 30 years and a \$250,000 fine for producing child pornography and a maximum of 10 years and a \$250,000 fine, or both, for possessing this contraband.

## PULSE CHECK: STATUS OF FY08 GOALS



**Increase the Number of Participating Agencies**—The Erie County Probation Department joined the WNYRCFL as a participating agency in FY08.



**Obtain a CART SAN**—The WNYRCFL procured a CART SAN in FY08, which when installed in FY09, will increase the laboratory's storage capacity and strengthen its overall services and efficiency.



**Apply for ASCLD/LAB Accreditation**—The staff continued preparing for ASCLD/LAB accreditation but did not submit an application in FY08.

## GOALS FOR FY09

- **Increase Efficiency**—By completing the installation of a CART SAN.
- **Raise the Number of Participating Agencies**—By at least two.
- **Earn ASCLD/LAB Accreditation**—Submit an application to the organization to gain accreditation in digital forensics and multimedia.

# ACKNOWLEDGMENTS

The RCFL Program has many people to thank for our continued success, including **FBI Director Robert Mueller, III**; **Louis Grever**, Executive Assistant Director, Science and Technology Branch; **Marcus C. Thomas**, Assistant Director, Operational Technology Division; **Pat Cook**, Deputy Assistant Director, Operational Technology Division; and **Thomas Gregory Motta**, Section Chief, Digital Evidence Section. Many thanks to OTD's Digital Evidence Section Units with which we work closely all year and that include CART, FSU, FAVIAU, and CEAU. And a special thanks to our AFF partners **Matt Rasnake**, FBI Unit Chief, Forfeiture and Seized Property Unit; **Candace Olds**, Director, DOJ Asset Forfeiture Management Staff, and **Robert Marca**, Assistant Director, DOJ Asset Forfeiture Management Staff.

We are grateful to the NSC members who willingly volunteered their time over the past 5 years, including **Richard Downing**, **John Douglass**, **Jerry Heaton**, **Ron Hickman**, **Russ Laine**, **Gary Maha**, **Jeff Salyards**, and **Sujeet Sheno**i who was an original member and chaired the Committee until 2008. As a new era begins, we look forward to working alongside the members of the newly formed NAC and accomplishing great things together.

Over the course of FY08, several members of the RCFL community moved on, including former SDRCLF laboratory director **Randall Bolelli**, who skillfully managed the SDRCLF for 6 very productive years, capping his tenure with earning ASCLD/LAB accreditation, and **Kevin Steck**, former HARCFL laboratory

director, whose enthusiasm, boundless energy, and willingness to think outside the box will propel the HARCFL forward for many years to come.

Finally, the many accomplishments presented in this report would not be possible without the RCFL Directors, their committed staff, and our participating and partner agencies, including—

## CALIFORNIA

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- Alameda County Sheriff's Office
- Anaheim Police Department\*\*
- California Highway Patrol\*
- Chula Vista Police Department
- Department of Homeland Security—Immigration and Customs Enforcement
- FBI
  - Los Angeles Division
  - San Diego Division
  - San Francisco Division
- Fullerton Police Department\*\*
- Irvine Police Department\*\*
- Naval Criminal Investigative Service
- Newark Police Department\*
- Newport Beach Police Department\*\*
- Oakland Police Department
- Orange County District Attorney\*\*

- Orange County Sheriff's Department\*\*
- Palo Alto Police Department
- San Diego County District Attorney's Office
- San Diego Police Department
- San Diego Sheriff's Department
- San Jose Police Department
- San Mateo County Sheriff's Office
- Santa Ana Police Department\*\*
- Santa Clara County District Attorney's Office
- U.S. Attorney's Office—Southern District of California
- Westminster Police Department\*\*

## COLORADO

- Adams County Sheriff's Office\*
- Arapahoe County Sheriff's Office
- Arvada Police Department
- Aurora Police Department
- 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

## ILLINOIS

- Chicago Inspector General's Office
- Chicago Police Department
- Cook County Sheriff's Office
- FBI—Chicago Division
- Lombard Police Department\*
- Palatine Police Department
- University of Illinois at Chicago Police Department

## KANSAS

- FBI—Kansas City Division
- Johnson County, Kansas Sheriff's Office
- Kansas Bureau of Investigation
- Kansas City, Kansas Police Department
- Lawrence, Kansas Police Department
- Leavenworth County Sheriff's Office
- Lenexa, Kansas Police Department
- Olathe Police Department
- Overland Park, Kansas Police Department
- Shawnee County, Kansas Sheriff's Office
- U.S. Attorney's Office—District of Kansas
- U.S. Department of Agriculture—Office of the Inspector General

## KENTUCKY

- FBI—Louisville Division
- Kentucky Bureau of Investigation
- Kentucky State Police
- Louisville Metro Police Department
- University of Louisville

## MISSOURI

- Grandview, Missouri Police Department\*
- Independence, Missouri Police Department
- Jackson County, Missouri Sheriff's Office
- Kansas City, Missouri Police Department
- Lee's Summit, Missouri Police Department
- Missouri State Highway Patrol
- North Kansas City, Missouri Police Department
- Platte County, Missouri Sheriff's Office
- U.S. Attorney's Office—Western District of Missouri

\* Indicates a new or returning participating agency

\*\* Indicates a partner agency in either the Orange County RCFL or New Mexico RCFL

## MONTANA

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- Billings Police Department

## NEW JERSEY

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- Essex County Prosecutor's Office
- 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

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- Albuquerque Police Department\*\*
- Bernalillo County Sheriff's Office\*\*
- FBI—Albuquerque Division\*\*
- New Mexico Attorney General's Office\*\*
- New Mexico State Police\*\*
- University of New Mexico\*\*

## NEW YORK

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- Department of Homeland Security
  - Immigration and Customs Enforcement
  - United States Secret Service
- Erie County Probation Department\*
- Erie County Sheriff's Office
- FBI—Buffalo Division
- New York State Attorney General's Office
- Niagara Falls Police Department

## OHIO

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- Miami Valley Regional Crime Laboratory
- Dayton Police Department
- FBI—Cincinnati Division, Dayton Field Office

## OREGON

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- Beaverton Police Department
- Bonneville Power Administration\*
- Clark County Sheriff's Office
- FBI—Portland Division
- Gresham Police Department
- Hillsboro Police Department
- Multnomah County Department of Community Justice\*
- Oregon State Crime Laboratory\*
- Oregon State Police
- Portland Police Bureau
- Washington County Sheriff's Office

## PENNSYLVANIA

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- 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

\* Indicates a new or returning participating agency

\*\* Indicates a partner agency in either the Orange County RCFL or New Mexico RCFL

## TEXAS

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- Dallas Police Department
- Denton County District Attorneys Office
- FBI
  - Dallas Division
  - Houston Division
- Garland Police Department
- Grand Prairie Police Department
- Harris County Precinct 4 Constable's Office
- Harris County Sheriff's Office
- Houston Police Department
- Pasadena Police Department
- Plano Police Department
- Richardson Police Department
- Rosenberg Police Department\*
- Tomball Police Department

## UTAH

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- Davis County Sheriff's Office
- FBI—Salt Lake City Division
- Salt Lake City Police Department
- Salt Lake County Sheriff's Office
- U.S. Attorney's Office—District of Utah
- Utah Attorney General's Office
- Utah Department of Public Safety
- Weber County Sheriff's Office
- West Valley City Police Department

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

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