

# **Colorado Regional Computer Forensics Laboratory**

A faint background image featuring a magnifying glass with a wooden handle positioned over a laptop. The laptop screen displays the CRCFL logo, which consists of a stylized 'C' with a red and yellow sun-like shape inside, and the letters 'CRCFL' to its right.

**At Douglas County**  
**<http://www.crcfl.org>**

**CRCFL**

# Law Enforcement Problems

- Cost of training
- Limited expertise with hardware/software
- Cost of investigative equipment, software
- Time commitment for exam
- Standard protocols



# Solutions

- Education of administration
  - Public/Private Industry Cooperation
  - Increase Computer Crime Training
  - Agency Cooperation/Regional Computer Forensic Laboratories
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# Participating Agencies

- ~ **Douglas County Sheriff**
- ~ **Arapahoe County Sheriff**
- ~ **Denver Police Department**
- ~ **18th Judicial District Attorney's Office**
- ~ **State of Colorado Governor's Office**
- ~ **Colorado Bureau of Investigation**
- ~ **Federal Bureau of Investigation**
- ~ **Internal Revenue Service –CID**
- ~ **U.S. Customs Service**

# **CRCFL Makeup:**

**Director**

**Operations Manager**

**7 examiners**

**School Liason**

**1/2 Clerk/Evidence Tech**

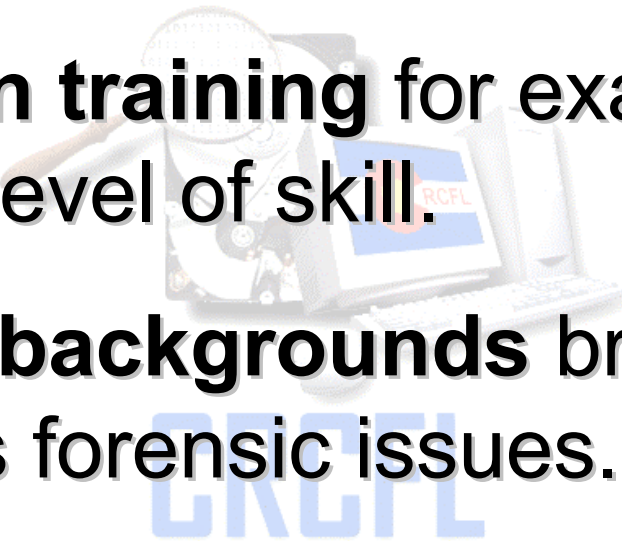
**1/2 Information Technology**



**CRCFL**

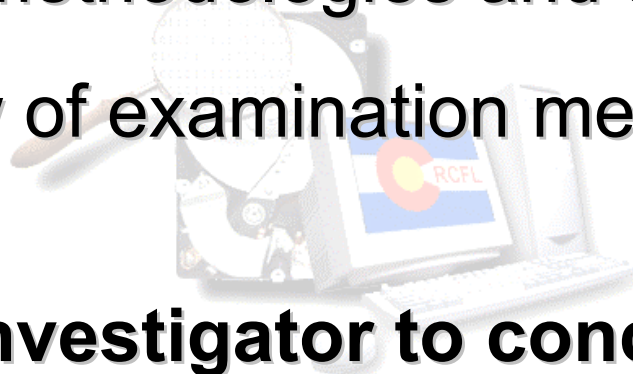
# Benefits of a Regional Computer Forensic Laboratory

- ▼ Personnel assigned on a **full time basis** to concentrate on computer forensics
- ▼ **Common training** for examiners results in a base level of skill.
- ▼ **Diverse backgrounds** brought together to address forensic issues.
- ▼ The ability to **exchange information** with others in the lab while conducting your examination.



# Benefits:

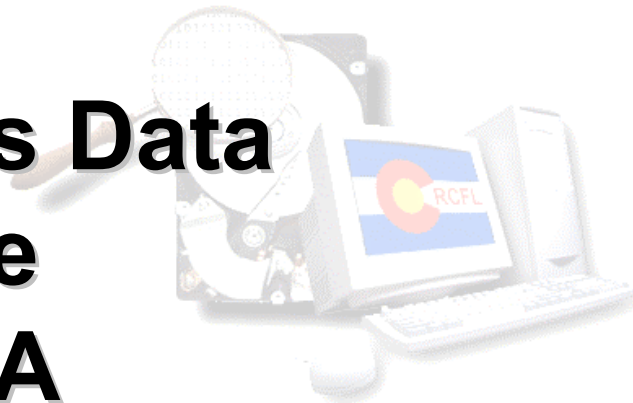
- ▼ The ability to **afford a large array of tools** to conduct forensic examinations.
- ▼ The ability to **verify and independently validate** our methodologies and the tools we use.
- ▼ **Peer review** of examination methodologies and results.
- ▼ Allows the **investigator to concentrate** on the case investigation.
- ▼ **Best chance to obtain federal and state funding sources** for computer examinations.  
(Current funding)



CRCFL

# Training

- NWCCC BDRA
- NWCCC ADRA
- A +
- Access Data
- Encase
- ITERRA
- Network Plus
- Mac Forensics Bootcamp
- Aces/I-look



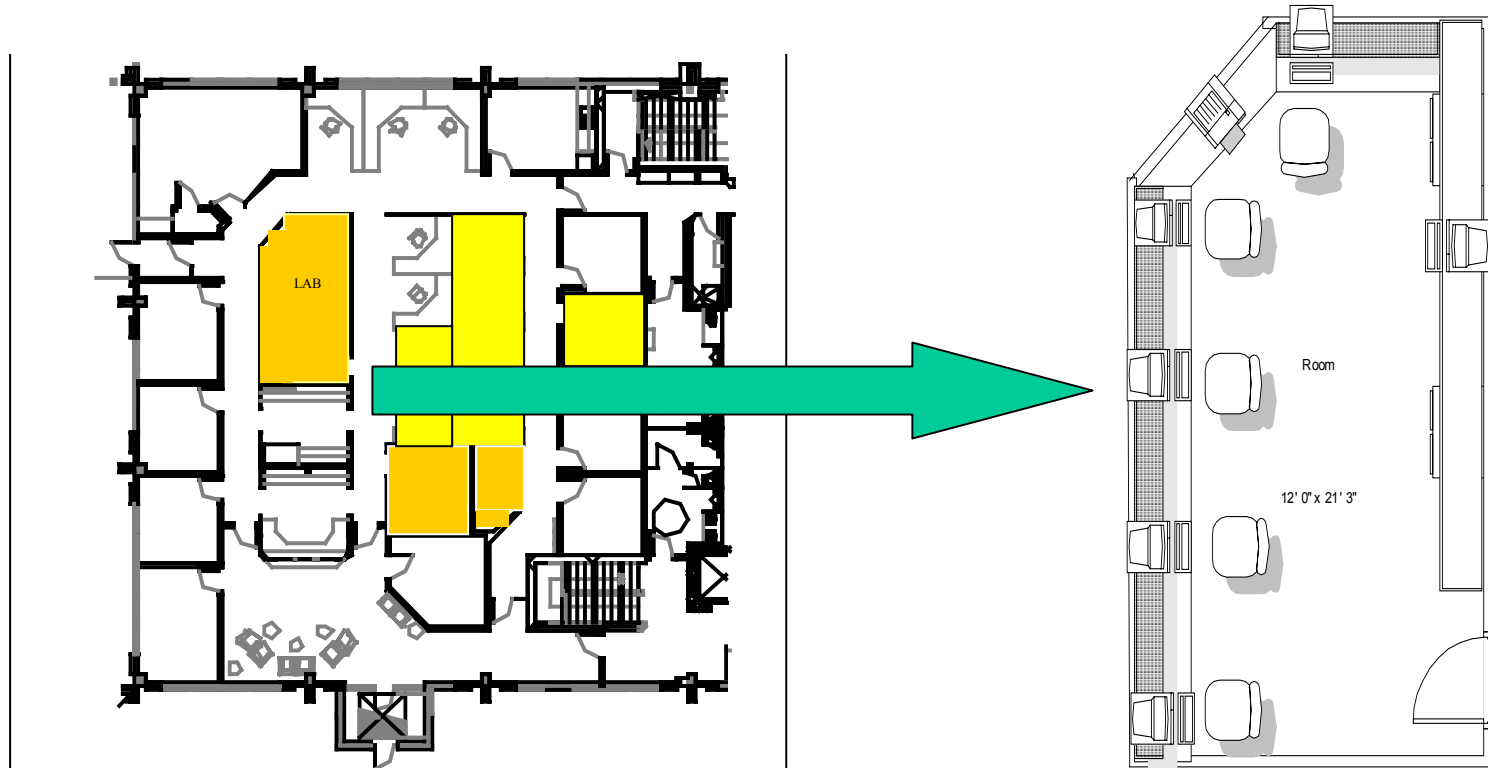
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# Location



# Dedicated Space and Lab



# Case Statistics 2002

**Cases submitted: 37**

**69 images of hard drives made/analyzed**

**949 pieces of media reviewed/analyzed**

**Breakdown by type:**

- 17 White Collar**
- 14 Child Exploit or Child Porn**
- 2 Homicide**
- 2 Other**
- 1 Drug**
- 1 Sex Assault**

# Stats Cont.

## Submitting Jurisdictions:



<b>7 Denver PD</b>	<b>1 Greenwood Village PD</b>
<b>6 Douglas County SO</b>	<b>1 Littleton PD</b>
<b>5 Arapahoe County SO</b>	<b>1 Customs</b>
<b>4 FBI</b>	<b>1 SMDTF</b>
<b>4 Aurora PD</b>	<b>1 Jeffco SO</b>
<b>1 CBI</b>	<b>1 Adams SO</b>
<b>1 DA 18</b>	<b>1 Lincoln SO</b>
<b>1 Parker PD</b>	<b>1 Englewood PD</b>

# Procedure

- **Contact Supervisor** discuss case.
- **Fill out Request for Service**, make appt for check-in of evidence. (forms on website)
- **Bring CPU's and media only**, unless other items requested, bring SW or Consents, copy of evidence form. (Affidavit language on website.)
- **Case is assigned by Supervisor** and prioritized.
- **Agent is re-contacted** with results, asked to pick-up evid. asap