

Miami Valley Regional Crime Laboratory

Inside this issue:

Synthetic Cannabinoids 2

Field Questions 2

Unsealing Evidence at Pre-trials 2

Return of Latent Print Cards 3

Lab Submission Sheets for Fingerprints 3

Packaging Chemistry Evidence 4

Laboratory Holidays 5

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Eight Hour Evidence Technician Update

The Crime Laboratory will be holding eight hour EV Tech updates during 2010. This class is designed for Miami Valley Regional Crime Laboratory Evidence Technicians that did not attend the eight hour update class held in November 2009 at the Centerville Police Department or the 80 hour class in 2009.

Some of the topics included in the class are: Update on the collection of paint, hairs and impression evidence, clandestine labs, computer crimes, touch DNA, and review of packaging of evidence.

The classes are limited to 25 officers per class and will be held at the Crime Laboratory. The cost is \$50.00 per officer. Lunch will be provided.

An applications is included as a separate attachment in the email which contained this newsletter and is also available on the Laboratory web site under Evidence Technician Corner. Applications must be filled out online and emailed to duerrt@mcoho.org with 2010 EV Update in the subject line. After filling out the form click on Submit by Email and follow the instructions. **Only applications submitted by email will be accepted.** Classes are assigned on a first come basis.

Class Dates: March 19th, April 30th and May 5th.

Additional dates may be added in the fall if there is sufficient demand.

80 Hour Basic Evidence Technician School

There are still openings available for the 2010 Basic Evidence Technician Schools. Applications for this school are available in this newsletter or on the laboratory web site.

www.mcoho.org/government/mvrcl

Requirements:

- Officer has had three years full time experience as a police officer
 - Will be utilized as a primary Evidence Technician
 - Recommended by Chief/Chief Designee
- Fee: No cost to member agencies. Non-Member Agencies: \$1000.00

***A maximum of two officers per department will be accepted.**



Synthetic Cannabinoids

by: Brooke Ehlers

Synthetic cannabinoids have been developed over the past forty years as therapeutic agents for the treatment of pain. They are functionally similar to Δ^9 -THC, the active ingredient in Marijuana, and used to research the mechanisms of Δ^9 -THC in the body. Some synthetic cannabinoids are considered more potent than Marijuana, while others lack the desired effects that would keep it from being an abused drug.

These cannabinoids are found in solids or oils in their pure states. On-line and in "head shops" they are found as "smoking mixtures" containing dried plant material and the synthetic cannabinoids. They contain no tobacco or cannabis, but have similar effects to Marijuana. The most common form of abuse is smoking. Brand names for these prod-

ucts include: Spice, K2, Skunk, Yucatan Fire, Sense, Chill X, Smoke and Genie. The packaging is often labeled as use as an "incense" and marked "not for human consumption".

Some of the synthetic cannabinoids that have been developed are: HU-210, JWH-133, JWH-250, JWH-018, and CP 47,497. **HU-210 and JWH-133 are currently DEA Schedule I.** Users report that HU-210 is 100 to 800 times more potent than THC. The field test for Marijuana will not react with HU-210 and it is unknown if it will react with any other synthetic cannabinoids.



DEA Microgram Bulletin March 2009

Field Questions

In being the first issue there are no questions to be answered by laboratory staff. If you have a question of either the Crime Laboratory or the Montgomery County Coroner's Office, email Tim Duerr at: duerrt@mcoho.org

He will forward your question to the appropriate personnel. Your name and department will not be included in the newsletter answer. If you need an email response to your question, include that request in the body of your email.



Reminder

Please try to leave the analysts' markings in place on evidence. There have been several instances lately where packaging has been opened during pre-trials or in court and markings from MVRCL personnel have been destroyed. We still need to be able to identify the evidence in court after officer testimony. Please do not open seals that you did not create. Always try to open packaging in a new area to preserve the markings of others.

Return of Latent Print Cards by: Ron Huston

Due to limited filing space at the lab, latent print cards received after January 1, 2010, and determined to be of no value for comparison purposes or AFIS entry, will be returned to your agency.

An electronic copy of the latent print cards will be attached to the case, and will remain in the case file. Original evidence will be returned.

If you have any questions concerning this matter, please call Ron Huston at (937) 225-4990, ext 2187.

The listing of Subject/Suspect(s) on the Lab Request

On occasion we find cases where the subject/suspect information will be listed in the Synopsis/ Detailed History section of the Laboratory Request Form but is not referenced in the proper section titled: "Subject/Suspects".

When the subject/suspect information is missing, it is possible that a request for a fingerprint comparison will be missed.

We are requesting that you make sure your subject/suspect information is properly listed, (with the DOB and SSN) at the top of the Lab Request Form.

If multiple suspects are to be listed, it is OK to use the Synopsis area for that purpose. When this occurs we request that you make a notation on the Subject/Suspects line that refers to the Synopsis. **(Ex: "See Synopsis for additional subjects")**

Listing the subject information at the top of the Lab Sheet allows the examiner to maintain a better over all picture of the total comparisons requested in a case.

For questions feel free to call Ron Huston (937) 225-4990 X 2187.



Packaging Reminders for Chemistry

To start the year off, the chemistry section would like to send out a few friendly reminders with regards to the packaging of the various types of evidence seen in this section.

Marijuana: Fresh marijuana should be packaged loosely in paper. Even when packaged in paper, the plant material must have room to breathe. While a cardboard box will also work; a cardboard box wrapped completely in packing tape will cause the plant material to mold. We ask that you keep in mind the chemist must be able to return the evidence to its original packaging; therefore, we ask that you not stuff boxes and bags to capacity with plant material. The roots of large plants should be shaken or cut prior to submission. If you have a large grow, it is perfectly acceptable to call one of the chemists and arrange a time to bring the plants in, while still fresh, and have them weighed and sampled while you wait. It is also recommended that pictures be taken.

Powders and Pills: Avoid putting too small of a sample in too large of a container; they tend to disappear (.01 gram of Crack in an 8x10 envelope). Pill tins work great for packaging small amounts of drug evidence, however, please avoid wrapping the tins in excess with evidence tape. If your agency requires evidence tape, one or two small pieces are sufficient. Too much evidence tape makes it difficult for the chemist to cut open the tin with a scalpel, increasing the probability of injury.

Syringes and Biohazards: All syringes should be packaged in puncture proof containers. The outer packaging should also be labeled as containing a syringe. All biohazard evidence, including syringes, ingested items, and evidence from cavity searches should be marked as such.

Residues: When packaging a residue item such as a balance or plate, the chemistry section requests that the entire item is submitted rather than the evidence being sampled in the field. This allows the chemist to have more evidence to work with for analysis.

Harmful Intoxicants: Harmful intoxicants are extremely volatile. Liquids can be packaged in a glass jar or large plastic screw top urine tube. Cloth items and bags should be placed in metal cans.

Harmful intoxicant evidence can not be placed in plastic bags, paper bags, or small liquor vials.

Glass Items: Please be sure to properly package glass items to ensure they are not broken. It's also important to label the outer packaging as containing glass or fragile items.

Liquids and Refrigerated Items: Liquids should be packaged in leak-proof and spill-proof containers. It's best to put the container inside of a plastic bag before packaging it in an envelope. This keeps the sample contained in case of leakage and also protects other evidence in the envelope. Please let the front office know when there are items in a case that need to be refrigerated. It's also helpful to include that information on the submission sheet.

Any questions or concerns regarding the packaging of evidence can be directed toward the Chemistry section at 937-225-4990. We will be more than happy to work with you and help you in any way that we can.



Fingerprinting Services

The Miami Valley Regional Crime Lab provides two types of fingerprinting services: Web Check and Live Scan (fingerprint cards). The laboratory cannot fingerprint for Florida gun permits or any other requests that require a police officer's signature.

Fingerprinting Hours are Monday through Friday from 9:00 AM to 3:00 PM.

The fees are as follows:

\$15.00 for each fingerprint card
\$40.00 for the state Web Check
\$40.00 for the FBI Web Check
\$70.00 for both the state and the FBI Web Check

Payments must be made by cash, money order or business check. The person being fingerprinted must provide a valid photo ID and the name and address of

where they need the results to be mailed.

Minors must be accompanied by a parent or legal guardian.

If you have any questions, you may contact Sue Hay at 225-4990.

2010 Laboratory Holidays (Laboratory Closed)

Friday January 1

New Year's Day

Monday January 18

Martin Luther King Day

Monday, February 15

Presidents Day

Monday, May 31

Memorial Day

Monday, July 5

Independence Day (observed)

Monday, September 5

Labor Day

Monday, October 11

Columbus Day

Thursday, November 11

Veteran's Day

Thursday, November 25

Thanksgiving

Friday, November 26

Day After Thanksgiving

Friday, December 24

Christmas Day (observed)

Friday, January 1, 2011

New Year's Day (observed)

**THE MIAMI VALLEY
REGIONAL CRIME
LABORATORY**

361 W. Third St.
Dayton, OH 45402

Phone: 937-225-4990
Fax: 937-496-7916
E-mail: duerrt@mchio.org



Miami Valley Regional Crime Laboratory 2010 Evidence Technician School Application

Requirements for Admission:

A Full Time Police Officer with a minimum of three years full time experience.
Will be utilized by the department as a primary Evidence Technician
Will be relieved of regular duties while attending class.
Recommended by the Chief or Chief designee.
Application must be received by December 1, 2009 (applications after date will be placed in a waiting file)

Application Does not Guarantee Entry to Class

All fields required: (please print or type)

Officer's Name: _____

Department: _____

Department Phone: (_____) _____

Department Address: _____

Officer's Email
Address: _____

Officer's Signature: _____
Date: _____

Officer has three years full time experience: Y N

Officer will be utilized as a primary evidence technician: Y N

Chief/Chief Designee:

Print: _____

Signature: _____ Date: _____

Office use: Rec'd _____ Class Assigned: _____

Fax or Mail to Tim Duerr
361 W. Third St.
Dayton, OH 45402
Fax: (937) 496-7916