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## **INTRO**

- BIO
  - CA to CO
  - MIL
  - CIV
  - Business Owner
  - Why?
  - Collector NOT Scientist!



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#### **PURPOSE**

- ENSURE YOU ARMED WITH RULES
- BETTER UNDERSTANDING
- YOUR POSITION
- MY POSITION
- CPS <u>CHILDREN COME FIRST</u>

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### HISTORY of DRUG TESTING

- BUSINESS (HR)
- MILITARY (FED)
- DOT (TRANS/SAFETY)
- OSHA=ZERO

#### **TYPES OF TESTS**

- BLOOD (6-36 hours)
- URINE (18-72)
- HAIR/FINGERNAIL (7-90 days)
- SALIVA (1-24)
- SWEAT (12-24)
- BREATH (Instant x hours)

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#### **PROCEDURES**

- RIGHTS/LAW MS
- ID/PAPERWORK
  - Lab/Instant/both
- SOLO/MONITORED/OBSERVED
  - Hair cut AT THE SKIN
- SEALED
- CHAIN OF CUSTODY
- RESULTS
- MRO

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# Drugs

- Amphetamines
- Barbiturates
- Buprenorphine
- Benzodiazepines
- Cocaine
- Methamphetamines
- MDMA
  - Methylenedioxymethamphetamine
- MTD (Methadone)
- OPI300
- OXY
- PCP
- THC
- Alcohol

# DRUGS (Designer)

- K2, K3, K4 (Spice)
- Ketamine
- Bath Salts
- Kratom
- Huffer cans
- Nitrous
- Many Many More

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# Gas Chromatography Mass Spectrometry (GC-MS)

- "Gold Standard"
- Upheld in all courts
- Two-step Process (magic)
  - Step One: Separation of particles and recorded in GC
  - Step Two: Destruction of samples, MS spectrometry analyzes molecular weight

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#### Urine

- Collected either unwatched or observed
- Temp strip
- Instant or Lab
  - Instant results by lines on cup or strip
  - Lab GC/MS
- Someone else's urine
  - Condoms, squeeze bottles, med bottles, etc
  - $\bullet \ Whizz in a tor$
- Fake Urine
- Sound and smell

#### Hair Folicle

- 5 Labs in the US
- Environment exposure
- Inside blood wic
- Rings on a tree
- Cut at scalp (7days internal)
- Shampoos, bleach, etc

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#### Saliva

- Non Intrusive
- Easy to beat
- Accuracy for THC low
- Short duration of detection

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#### **CROSS EXAMINATION TIPS**

- ID? TWIN, COUSIN, FRIEND
- QUALIFICATIONS?
- PAPERWORK signed/consent
- HAIR- HEAD OR BODY?
- CCF WHO, WHAT, WHERE AND WHEN?
- RESULTS, DID IT GO TO MRO?
- LEVELS UP OR LEVELS DOWN?
- CHEATING...PROOF?

### Alcohol

- Mouth Strip Instant
  - 0.00 0.04+
- Breath Alcohol Test (Breathalyzer)
  - 0.00 0.50
- DUI o.o8
- Urine ETG (80 hours)
- Hair 3-6 months and consumption estimate

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### **Results Timeline**

• Instant: 5 minutes max

Urine: 24 hours neg, 3 bus pos Hair: 2 bus days neg, 3-4 pos

• MRO 1-3 days based on contact of donor

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#### **CPS**

- Cheaters
- Outbursts
- Family members' potential
- Jail
- Houses
- Positive Children- ALL AGES
- Empathy vs Sympathy
- Success with constant testing

#### **Prices**

Urine Instant \$30
Urine Lab \$44
Hair (5) \$79
Hair ADD \$85
Hair Oxy \$95
Up to 10 panel \$214

• 55 cents per mile......

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#### **STORIES**

- FEMALE COUSINS
- METH CHILDREN HAIR
- DNA ID CASE
- JORDAN DOT
- PEE THROWN
- WHIZZINATOR AND OTHER CONTAINERS
- CONSENT AND HAIR
- TOILET ISSUES

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### ???? QUESTIONS ????

- Michael Shilling
- (601) 812-8546 office
- mike@mobiledrugscreen.com
- SAMSHA
- Hotline (800) 662-HELP

### **RESOUCES**

- https://www.dea.gov/sites/default/files/2020-04/Drugs%200f%20Abuse%202020-Web%20Version-508%20compliant-4-24-20\_0.pdf
- https://www.samhsa.gov/
- https://msdh.ms.gov/msdhsite/index.cfm/30,748,88,pdf/DrugAndAlcoholTesting.pdf
- https://law.justia.com/codes/mississippi/2013/title-9/chapter-23/
- MS Dept of Child Protection Services Section 5.3
- https://www.drugabuse.gov/drug-topics/trendsstatistics/overdose-death-rates

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### RESOURCES Cont'd

- https://www.ndwa.org/drug-free-workplace/industrystatistics/
- https://www.stopmethaddiction.com/Meth\_Babies.ht m