

**DOING MORE WITH
LESS - LEADS TO
SUCCESS – *One Stop
Shot Toxicology***

Lifesavers 2021

**Kristen Burke
Laboratory Director
CA DOJ Toxicology Laboratory
kristen.burke@doj.ca.gov**





**DISCLAIMER: REPRESENTING MY OWN
OPINION AND NOT THAT OF THE CA DOJ
OR BUREAU OF FORENSIC SERVICES**

**ALL INFORMATION IS FOR EDUCATIONAL
PURPOSES ONLY**



TODAY'S AGENDA

- Background
- Identify Problems
- Start with Questions
- Ideation Phase
- The Magic





PONDER ON THIS

WE CAN'T SOLVE
PROBLEMS BY USING THE
SAME KIND OF THINKING
WE USED WHEN WE
CREATED THEM.

- ALBERT EINSTEIN

Before we begin

WHAT ARE THE PROBLEMS?

Staffing

Equipment

Training

Backlog

Data – lack of





Start with questions.

WHERE DO YOU START??

Identify your talent from team

HOW CAN YOU STREAMLINE TRAINING?

Collaborative approach- testing and testimony

HOW CAN YOU STREAMLINE TESTING?

Combine methods using high resolution equipment

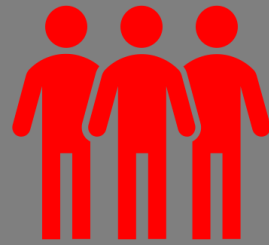
HOW CAN YOU STREAMLINE THE REVIEW PROCESS?

IPower Query- process data

Case samples from 46 out of 58 counties within CA



Lake
Marin
Napa
Sonoma



Santa Rosa

Del Norte
Humboldt
Mendocino



Eureka



Redding/Chico

Lassen	Butte
Modoc	Glenn
Plumas	Colusa
Shasta	Plumas
Siskiyou	Sierra
Tehama	Sutter
Trinity	Yuba

Santa Cruz
San Benito
Monterey



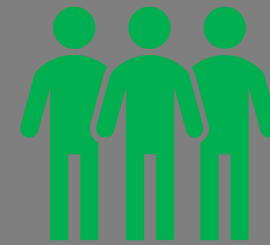
Freedom

San Luis Obispo
Santa Barbara

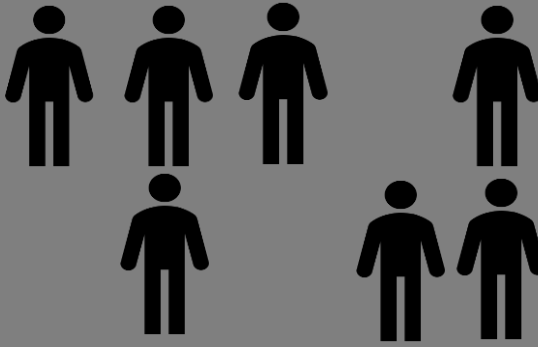


Santa
Barbara

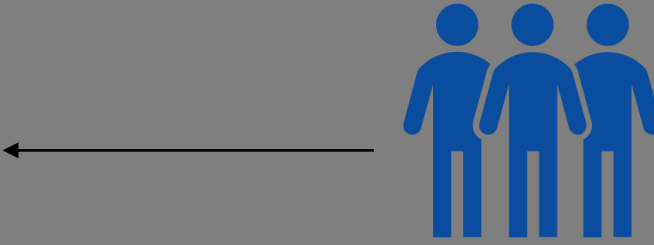
Imperial



Riverside



Toxicology Lab



Sacramento

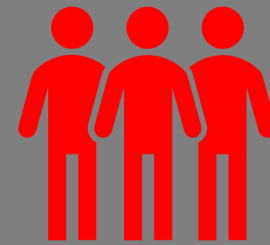
Alpine
Amador
El Dorado
Placer
Nevada
Yolo

Fresno
Inyo
Kings
Madera
Mariposa
Mono
Tulare



Fresno

Central Valley



Calaveras
Merced
San Joaquin
Stanislaus
Tuolumne

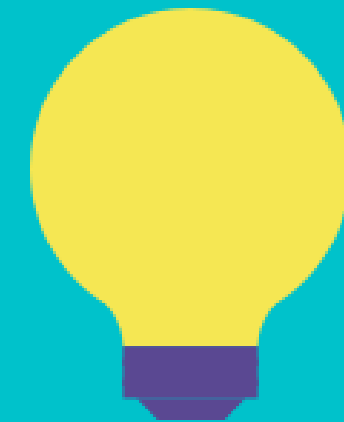
IDEATION PHASE



**COLLABORATE
WITH TEAM**



**AIM FOR
INNOVATION**



**ENCOURAGE
WILD IDEAS**

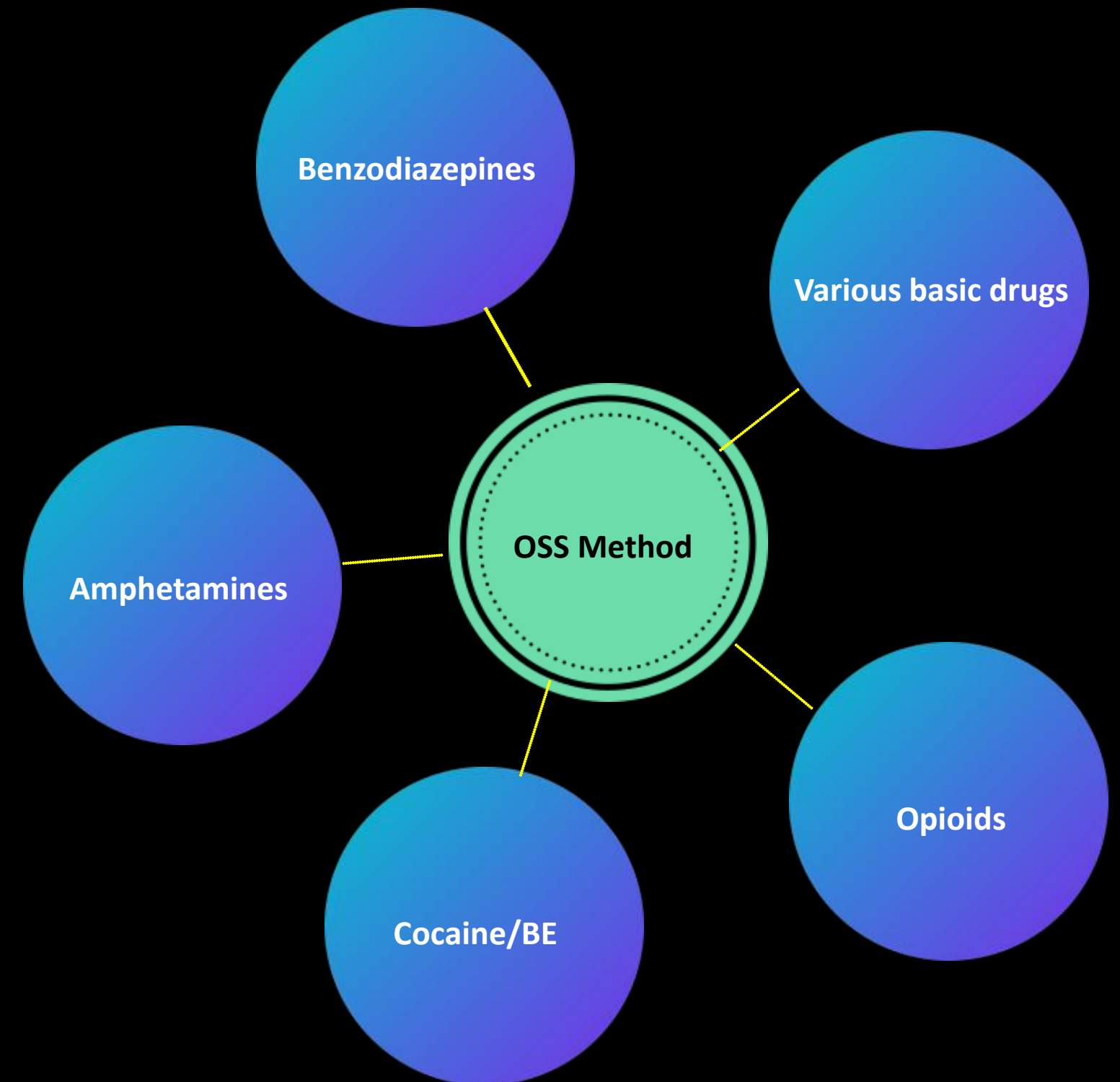
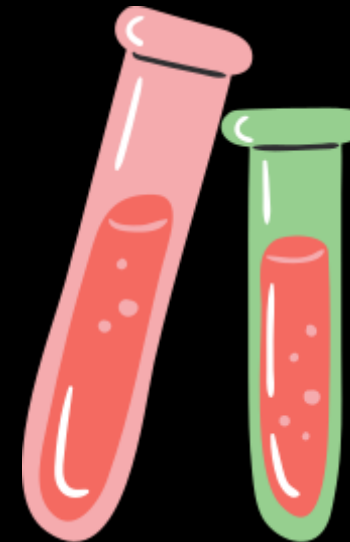


Toxicology



*Is Where the Magic
Happens*

Whole Blood oral fluid and urine



Waters XEVO TQXS with
Unispray

Data Processing

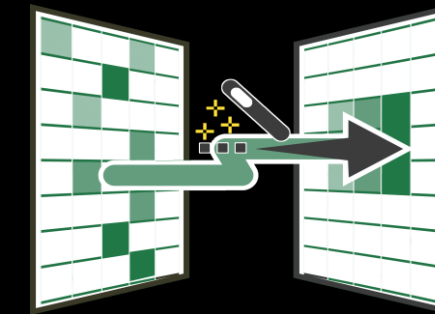


Trade-offs



Streamline Review

Reduction from 4 hours
to one hour (20 cases)



Creates an opportunity
For vendors to address
and meet customer need

EXPECTATIONS AND OUTCOMES



Mindset

Dedication, passion, innovation



OSS will allow us
to reduce our backlog in half
within six months of implementation



Success



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Questions



References

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