In the NICK of Time- Training for Law Enforcement and Technical Rapid DNA Users

Rapid DNA Technology Forum
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Overview

• Training Questions
• Student Profiles
• Training Considerations/ Obstacles
• Mass Disaster Exercises
• Lessons Learned
• NICK
• NICK Training
• The Future
Training Questions

• Why?
  – Goal of training
    • Circumstance
    • Organization
    • Individual

• What?
  – Competency
    • Collections
    • Instrumentation
    • Data Review
    • Calculations/Reporting
Training Questions

• Who?
  – Forensic Technical
    • DNA Analysts
    • CODIS Databank Analysts
  – Forensic Non-Technical
    • Law Enforcement
    • Customs and Border Patrol Officers
    • Medical Examiners
  – Volunteers/Voluntold Individuals
    • Neighbors
    • Fire Department
    • National Guard
Student Profiles

• Forensic Technical
  – Highly Trained in Biology/Chemistry
  – Genetics, Molecular Biology and Statistical Training
  – College Educated
  – Lab Setting
  – Documentation
  – Multi-Step Task Oriented

• Forensic Non-Technical
  – Highly Trained
  – Diverse Backgrounds
  – Varied Levels of Education
    • (Ph.D to High School)
  – Office, Lab, Morgue or Field Setting
  – Documentation
  – Multi-Step Task Oriented
Student Profiles

- **Volunteers**
  - Varied Education
  - Varied Backgrounds
  - Single Purpose
  - Field Setting
  - Desire to help
  - May have no training in documentation

- **Voluntolds**
  - Chain of Command
  - Varied Educations
  - Varied Backgrounds
  - Single Purpose (Maybe)
  - Desire
Training Considerations

- Accreditation
  - What is required per the accreditation document

- Certifications
  - Federal
  - State
  - Local

- Documented
  - Single Use Contract
Training Considerations

• Individual
  – Knowledge
  – Skills
  – Abilities

• Background
  – Vernacular
  – Ease of use with electronics
  – Biohazard Waste
  – Stressful situations
Training Obstacles

• Common Language
  – What is said
  – How it was said
  – What was heard
  – How it is interpreted

• Leadership

• Location, location, location

• Learning Styles
Mass Disaster Training Exercises

• Vigilant Guard- July 2016
  Jericho, Vermont

• Operation Mega Death- May 5, 2017
  Dayton, Ohio

• Operation Heartland- May 7, 2017
  Dayton, Ohio

• FEMORS- May 24-25, 2017
  Miami, Florida
Lessons Learned

- Planning is only planning
- Short, digestible bites of information
- Condense training
- Step by step guides
- Screen shots or checklists
- Hands on competency
- Liaison which is available
- Effective Communication
- Weather proof EVERYTHING
- Work in pairs
Necessary
Instant
Critical
Kinships
N.I.C.K Training

• Includes only the necessary information
• Provides operators with short training guides for a specific task.
  – Typically procedures are PAGES of text
• Applies to kinship evaluation for an active event
N.I.C.K Applications

- Mass Disasters
- COOP Planning
- Emergency Management
- Quick On-Boarding
- Refresher Training
The Future

- Discussions with Law Enforcement
- Accreditation Entities
- Discussions with Vendors
- Experts in the Field
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Questions

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