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

Rapid DNA Technology Forum
Alexandria, VA
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THE GLOBAL LEADER IN FORENSICS AND HUMAN IDENTIFICATION

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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

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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

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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

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Training Considerations

- Accreditation
  - What is required per the accreditation document
- Certifications
  - Federal
  - State
  - Local
- Documented
  - Single Use Contract

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Training Considerations

- Individual
  - Knowledge
  - Skills
  - Abilities
- Background
  - Vernacular
  - Ease of use with electronics
  - Biohazard Waste
  - Stressful situations

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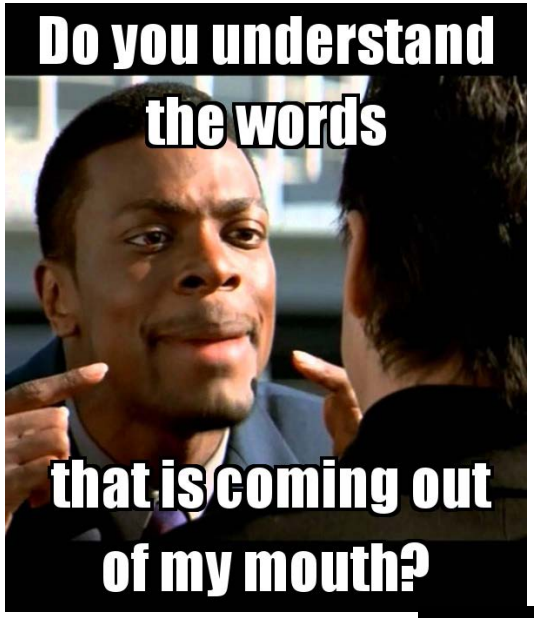
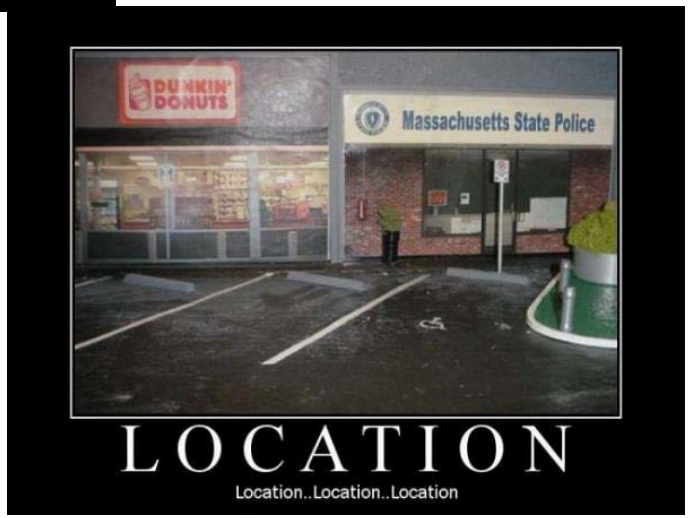
Training Obstacles

- Common Language
  - What is said
  - How it was said
  - What was heard
  - How it is interpreted
- Leadership
- Location, location, location
- Learning Styles





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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

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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

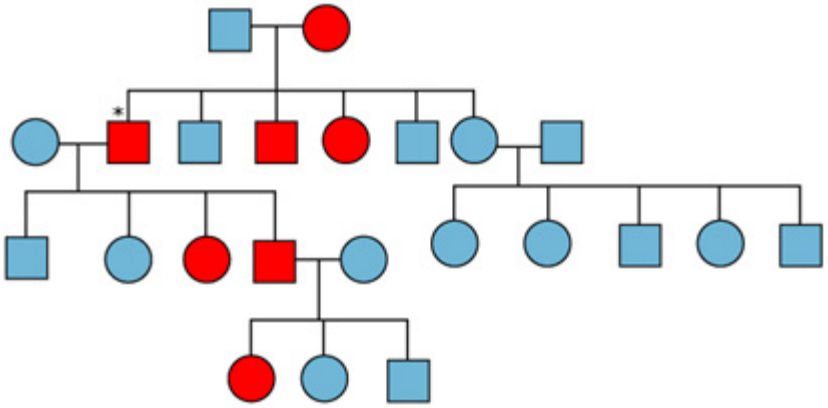
N.I.C.K

Necessary

Instant

Critical

Kinships



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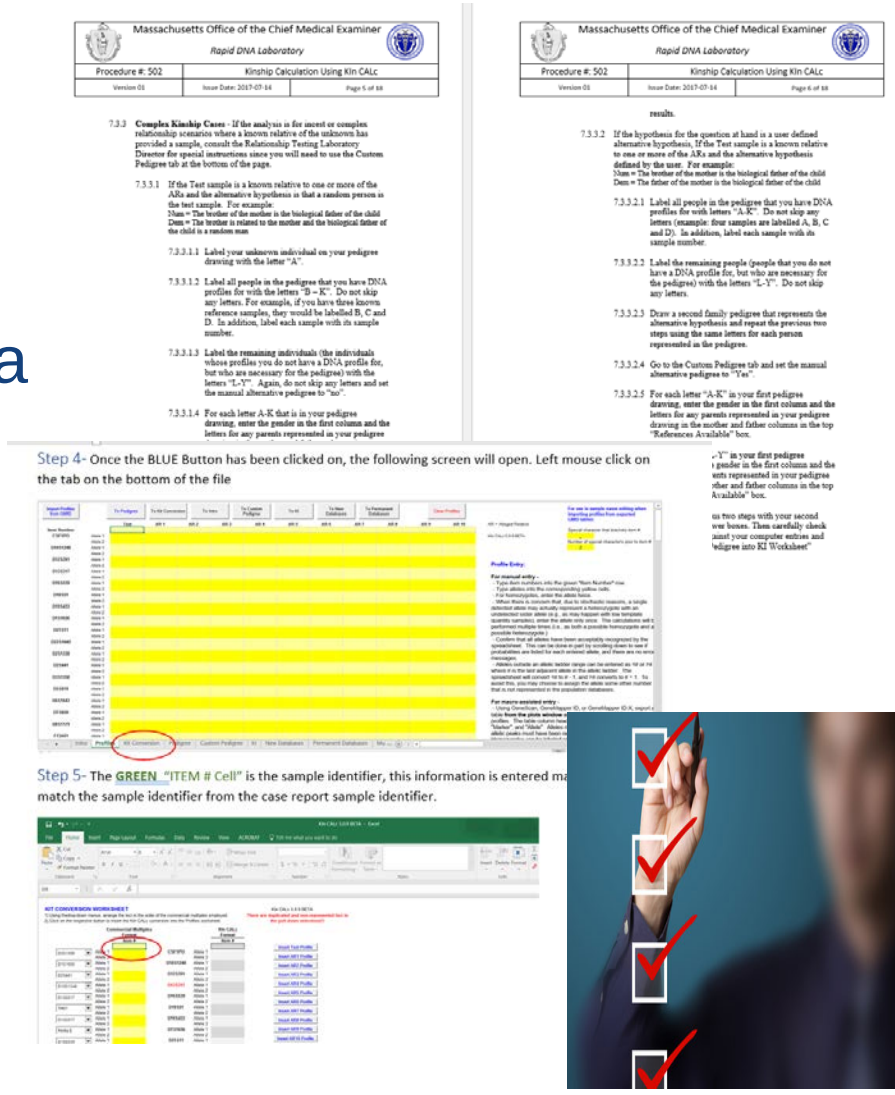
N.I.C.K Training

- 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



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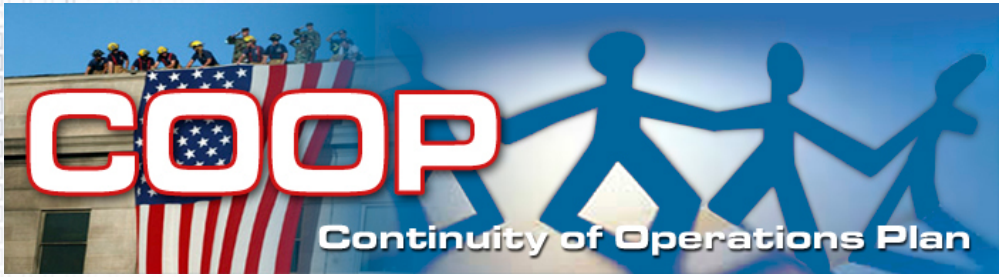
N.I.C.K Applications

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



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The Future

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

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- NIJ

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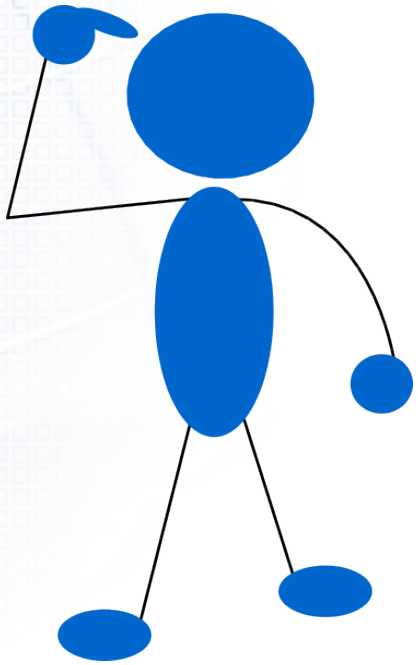
Questions



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