



# FDIAI REGION II TRAINING



## **Detect More Evidence: Extend Your Search Beyond the Visible** *Presenter: Amanda Silva*

TOPICS COVERED INCLUDE THE VARIOUS METHODS UTILIZED IN DETECTING EVIDENCE BEYOND THE VISIBLE RANGE. AN INTRODUCTION TO LIGHT THEORY AND TECHNIQUES UTILIZING WAVELENGTHS OF LIGHT BEYOND THE VISIBLE RANGE ON NOTORIOUSLY DIFFICULT SURFACES WILL BE DISCUSSED. THIS WILL INCLUDE ULTRA-VIOLET AND INFRARED EXAMINATION TO DETECT THE PRESENCE OF BIOLOGICAL FLUIDS, GUNSHOT RESIDUE, AND FINGERPRINTS ON DIFFICULT BACKGROUNDS. NOVEL OBLIQUE LIGHTING TECHNIQUES WILL BE EXPLORED TO DETECT EVIDENCE ON RAISED SURFACES AND FOOTWEAR IMPRESSIONS. BANDPASS FILTERING TECHNIQUES WILL ALSO BE EXPLORED TO AID IN THE DETECTION OF EVIDENCE AT CRIME SCENES. ATTENDEES WILL BE INTRODUCED TO NON-VISIBLE LIGHTING TECHNIQUES AND DIGITAL CAPTURE OF FINGERPRINTS DEVELOPED USING VARIOUS TREATMENT METHODS INCLUDING CYANOACRYLATE FUMING AND IR FLUORESCENT FINGERPRINT POWDERS.

**\*\*Approved for 8 hours toward Crime Scene or Latent Print  
Certification or Recertification\*\***

**Date:** July 9, 2025 0800-1700 hours  
**Location:** Gainesville Police Department  
545 NW 8th Ave  
Gainesville, FL



**Registration Link:** <https://forms.office.com/g/mvZbeYssvK>  
**Contact:** HeatherWhite@seminolesheriff.org, Region 2 Director

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