

CASE SPOTLIGHT



Featured Case: Trip & Fall

Years in Business

40

Number of Experts

29

Number of States
Retained In

50

Investigated Cases

20,000

The Knott Laboratory team received this first photograph (left) related to a trip and fall which occurred on damaged and inconsistent flooring located within a public use laundromat. The flooring had been removed post-incident and only the wooden subfloor remained. We performed a site inspection which included a high-definition, 3D laser scan of the incident location. Using the scan, our engineers were able to digitally recreate the interior of the laundromat and subsequently place the provided photograph into its appropriate position within the recreation (middle photo). This forensic technique allowed us to then use known references and scales to obtain accurate dimensions of the flooring shown in the photograph (right). We were able to determine whether or not this was a tripping hazard, even after the flooring had been removed.

Featured Service: Digital Media Forensics



Digital Media Forensics (DMF) is a new division at Knott Laboratory created to assist with officer-involved shootings and other critical incidents. DMF uses existing digital evidence to recreate scientifically accurate crime scenes in 3D. From these scene reenactments, we can apply forensic engineering methods to discover facts in the case that were previously unobtainable. For example, we can find accurate distances, speeds, and positions of people and objects. We can also create a second-by-second timeline of events. Finally, the digital evidence is meshed in a variety of formats to clearly present the case to a jury.

Featured Expert



Brent Graham - Project Manager

Brent has investigated and reconstructed hundreds of vehicular accidents. After graduating from the Colorado State Patrol Academy, he worked in the Vehicular Crimes Unit investigating fatal, felony, and high-profile cases. He has testified as a law enforcement officer and as an expert witness. Brent conducts investigations and reconstructions of high and low-speed motor vehicle accidents involving passenger cars, motorcycles, pedestrians, bicycles, and commercial vehicles.

Services:

Accident Reconstruction
All Vehicle Accidents
Construction Defect
Fire & Explosions
Forensic Animation
Premise Liability
Product Liability
Property Damage
Shooting Incidents
Slip & Fall
Subrogation
Vehicle EDR Analysis
Video Analysis
Workplace Accidents
Wrongful Death

Contact:

Bo Milberger
bmilberger@knottlab.com
303-801-7635