

BISHOP GOGUEN, FORENSIC VISUALIZATION EXPERT

EDUCATION:

B.A., Digital Art & Animation
The New England Institute of Art, Brookline, MA, 2011

EXPERIENCE:

Forensic Visualization Expert, Knott Laboratory, LLC, Centennial, CO, 2024 to Present



FORENSIC VISUALIZATION & ACCIDENT RECONSTRUCTION:

Mr. Goguen joined Knott Laboratory's Forensic team in September 2024, specializing in the creation of scientifically accurate visualizations and graphics for forensic investigations. He works closely with engineers to develop detailed reconstructions for a wide range of cases, including vehicle accidents, workplace incidents, shooting events, and other forensic analyses. Using advanced 3D modeling techniques, photogrammetry, matchmoving, and point cloud analysis, he ensures that reconstructions are both visually compelling and technically precise.

Mr. Goguen is an FAA-licensed remote pilot and performs aerial surveys of sites using unmanned aerial systems (drones), contributing to accurate data collection for forensic reconstruction.

With a strong commitment to innovation, Bishop continuously evaluates emerging technologies and software to enhance forensic visualization methodologies, keeping Knott Laboratory at the forefront of the industry.

Mr. Goguen's experience and expertise includes areas of:

- Modeling, Texturing, Lighting, Photorealistic Rendering, and Animation
- Photogrammetry and Image Scanning
- Matchmoving and Camera Mapping
- Video editing and compositing
- Photo Manipulation

Mr. Goguen has extensive knowledge in the following software products:

- Autodesk 3ds Max
- Chaos V-Ray
- Adobe Substance Painter & Designer
- Adobe Photoshop
- Adobe After Effects
- Unreal Engine
- Agisoft Metashape
- Cyclone 360
- Syntheyes
- Autodesk Recap
- Cloud Compare