

Andrew G. Huff, PhD, MS

EXPERT WITNESS • EPIDEMIOLOGY,
BIOSURVEILLANCE, AI VALIDATION, FOOD-
SYSTEM AND INFRASTRUCTURE RISK

contact@andrewhuff.com • andrewhuff.com/expert-witness •
Conflict checks answered within one business day

RF



AT A GLANCE

PhD, Environmental Health Science, Minnesota, 2014; MS,
Security Technologies, 2011

DoD and FBI certified forensic epidemiology investigator

Principal investigator, \$5.8M DTRA biosurveillance program

Former Q-cleared scientist, Sandia National Laboratories

Former vice president, EcoHealth Alliance

Ten peer-reviewed publications; patent application

Retained in two matters; sworn opinions by declaration and
affidavit

U.S. Army infantry veteran

AREAS OF EXPERT OPINION

AI and machine learning. Validation and reliability of machine-learning and NLP systems; training-data and selection bias; error rates; whether a model was tested against ground truth and is fit for its claimed purpose.

Epidemiology and biosurveillance. Outbreak investigation, causation and forensic analysis, disease modeling, surveillance-system design and failure, exposure assessment.

Food-system and supply-chain risk. Criticality and vulnerability assessment, food defense and contamination, single points of failure, recall and foodborne-illness causation.

Critical-infrastructure resilience. Cascading failure, interdependency, spatial risk, and the resilience of tightly coupled systems.

HOW I WORK

- Methods stated, data shown, and a hard line between what is known and what is assessed. Opinions grounded in formal epidemiologic validity theory.
- Reports written for the court, the arbitrator, and the jury, and defended at deposition and trial.

PROCESS

1. Conflict check. Send the names of the parties. Answer within one business day.

2. Engagement letter. Retainer against hourly billing; deliverables, dates, and acceptance criteria in writing.

3. Analysis and testimony. Written report with methods and sources; deposition and trial as required.

Testimony history, references, and fee schedule available on request, subject to confidentiality and protective orders. Plaintiff or defense.

CONTACT

Dr. Andrew G. Huff • Risk Factor Research LLC

contact@andrewhuff.com • andrewhuff.com/expert-witness

Send party names for a conflict check before any case detail.