



OHIO CSI FORENSIC DIVISION

UNIT 1 · MEDICAL INVESTIGATION · CASE STATIC

Period 1-2 · Statik Sound, a neighborhood recording studio

FORM NO. CSI-1-D15
CASE NO. JH-26-0831-A
REV. 2026-27
PAGE ____ OF ____

FOR EDUCATIONAL USE

OHIO CSI FORENSIC DIVISION

DO NOT DISTRIBUTE ANSWER KEYS

DAILY INVESTIGATION PACKET

Oct 2 · Investigation Day 15 of 18

OFFICIAL

THE BRIEFING: WHAT YOU ARE DOING TODAY, AND HOW THE PROS DO IT

SEC 00

Picking up from yesterday: you learned that organs are built from four tissue families. Disease and injury change the weave, and the microscope reads the weave.

Real investigators study wrongful convictions on purpose, to learn how careful, well-meaning people still reach wrong conclusions, and then they build rules to stop it happening again. Today you do the same, and you write your own claim ceiling before you know your answer, so the ceiling cannot bend to fit the verdict.

OBJECTIVE

Today you will study how a real-style wrongful conviction happens, name the reasoning failures that build one, and set the claim ceiling for your own case report.

Take-home (the ten-year idea): The most dangerous evidence is the kind that makes you stop looking. Tunnel vision is a process failure, and process failures have process fixes.

CASE FILE UPDATE

SEC 01

Before you conclude anything, study how conclusions go wrong. The review-unit packet, then your own claim ceiling, written in advance.

Today's packet is a compact fictional composite of how wrongful convictions actually happen, built from the standard documented failure patterns: an eyewitness certain and wrong (certainty and accuracy are different dials, and accuracy is the one that counts), class evidence oversold as individual ('consistent with' heard as 'matched'), tunnel vision (early suspect, evidence read to fit), and incentives to close. No real names; the PATTERNS are the lesson.

The fixes are process, not virtue: blind comparisons (features before names, as you practiced day 7), corroboration requirements (no conclusion on one line of evidence, day 12's lesson), stated limits on every result (every ceiling you have written), and a standing question: what SHOULD I be seeing if my theory is wrong, and did anyone look?

Then the mirror turns: tomorrow you synthesize. Today you write the claim ceiling for your own report BEFORE you know your conclusion, so the ceiling cannot bend to fit the verdict. That order matters: limits set after a conclusion protect the conclusion; limits set before protect the truth.

THE DECISION OF THE DAY

SEC 03

YOUR ROLE

You are the case-review unit auditing a closed case.

THE SITUATION

The wrongful-conviction packet: a short case file where the conviction later failed, with the original investigators' notes.

THE RULE YOU APPLY

Find the exact sentences where reasoning failed; classify each failure (certainty-for-accuracy, class-as-individual, tunnel vision, ignored negative evidence); write the process rule that would have caught it.

WHAT YOU PRODUCE

Claim-ceiling exit slip: the packet's failures named with quotes, plus your own report's claim ceiling written in advance.

Claim ceiling. The packet is a teaching composite. Real exonerations involve real people; our audit trains the pattern-spotting, it does not adjudicate anyone.

WHAT THIS UNLOCKS

Tomorrow: synthesis. Every thread, one table, the tree resolves.

PLTW ANCHOR AND INTERACTIVE LAYER

REF

Project 1.2.6 Case Closed (referenced by title only; all materials in this file are John Hay original work)

- Portal: day page and guided notes

myPLTW student access is down for technical reasons. When it is restored, this day's PLTW anchor is completed online; until then the portal simulation and these printed materials carry the day.

INVESTIGATION TEAM ASSIGNMENTS**SEC 05****A Scene and Documentation**

Brief one failure pattern at conference with the packet's example.

B Trace

Brief one failure pattern at conference.

C Serology and DNA

Brief one failure pattern at conference.

D Toxicology and Chemistry

Brief one failure pattern at conference.

E Medical Examiner

Preview tomorrow's synthesis table structure for the class.

F Records and Timeline

Run the tunnel-vision self-audit on OUR matrix: whose against-column did the room resist filling? (Honest expected answer: Cole, the finder, kept drawing suspicion his evidence never earned.)

NOTEBOOK PAGES IN USE TODAY**SEC 06**

- Day 15 Cornell page
- Claim-ceiling card (inside back cover): personalize it today

DAILY SUBMISSION FORM: CLAIM-CEILING EXIT SLIP

JH-26-0831-A / D15

- ☐ Failures named with quoted sentences
- ☐ Process fix per failure
- ☐ Your report's claim ceiling, written in advance

INVESTIGATOR (PERIOD + CODE, NO
NAMES)

TEAM

TIME SUBMITTED