1	questions.
2	THE COURT: Very well. Is there cross?
3	MR. KELLY: Nothing.
4	THE COURT: Can this witness be excused?
5	MR. KELLY: Yes, Your Honor.
6 ,	MR. LAURANS: Yes, Your Honor.
7,	THE COURT: Thank you very much. You may
8	step down.
9 1	(Witness excused.)
10	MR. LAURANS: Judge, my next witness will be
11	Charles Gay.
12	THE COURT: Yes, sir. Would you please step
13	up and raise your right hand to be sworn.
14	CHARLES GAY, being sworn by the Court, testified:
15	DIRECT EXAMINATION by MR. LAURANS:
16	Q Could you please tell us where your name and where
17	you're from?
18	A Charles Gay, born and raised in California.
19	Q And from where do you come today?
20	A North Winds Investigations.
21	Q And where is that?
22	A In Rogers, Arkansas.
23	Q Mr. Gay, can you give us a little bit of history of
24	your educational background?
25	A I will. I was in the police academy in August of '66

for the police department, 18 weeks of training for the Long Beach Police Department in Los Angeles,
California. I attended several FBI schools for training for crime scene development, intelligence,
counter intelligence courses. Attended several management -- police municipal management institutes.

I currently sit on the board of directors, certified financial investigator for the National Association of Certified Financial Investigators out of Colorado, Denver, Colorado. I have approximately 1,200 hours, I believe, when I retired from the police department in 1982, of additional training within the police department.

I have associate's degree in public administration out of Orange County, California. I obtained my teaching credentials for law enforcement in junior college for a junior college instruction. I believe that was in 1979. I attended an institute, FBI institute, out of Hawaii for counter intelligence programs. I think that was in 1985.

I was -- when I retired in 1982, I was in charge, for the past eight years, of major crimes detail in the Long Beach Police Department, in charge of criminal investigations. In 1982, upon my retirement, I went to work for the Department of

Defense. I was administrator of all the counter 1 2 intelligence programs in communist countries. In 1986 I left the Department of Defense and moved to Arkansas, 3 and shortly thereafter I started North Winds 5 Investigation. 6 Q. You've been qualified to teach law enforcement

- officers?
- Yes, I have.

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- And what subjects do you teach?
- Everything from crime scene investigations, patrol Α procedures, evidence collection, anything that has to do with -- in the law enforcement field.
- And have you testified in court before? 0
- 14 Α I have.
- 15 How many times? 0
 - In Los Angeles County, both Superior Municipal Court I testified over 2,000 times as an expert in the field of narcotics. As far as in criminal cases, it just enormous amount. I'm sure a couple thousand times.
 - Have you ever testified as an expert with respect to 0 evidence collection procedures and crime scene preservation procedures?
 - Not as an expert, no, just part of my job. Α
 - And you've taught that subject as well, correct? 0
- 25 Α I have.

MR. LAURANS: Judge, I'd ask that Mr. Gay be 1 2 qualified as an expert on those topics. 3 MR. KELLY: I have no objection. 4 THE COURT: All right. As an expert in what 5 area? MR. LAURANS: Crime scene preservation and 6 7 evidence collection. THE COURT: All right. All right. 8 9 Q (By MR. LAURANS) Mr. Gay, can you tell us when you 10 first became involved in this case, this postconviction 11 proceeding? It was towards the end of 1993 when I received a call 12 Α 13 from Mr. Middleton. 14 Is it fair to say that sometime in -- between '93 and 15 '95 Wilma Sallee was working for you? 16 A That's correct. And did you send her down to the crime lab to look at 17 18 some documents, gunshot residue documents? 19 Α Yes, I did. 20 Did she notify you of anything about those gunshot 21 residue documents? 22 Yes, she did. Α 23 What did she notify you about? 24 That the copies that she received at the police Α 25 department appeared to be altered, and I had requested

her to go to the crime lab to obtain the originals and
to see if they matched the copies that the police
department gave her.

- Q And are we talking about Mr. Middleton's gunshot residue documents or Mrs. Middleton's?
- A Mrs. Middleton's.
- Q Did you actually go in and look at those documents yourself?
- A I did at a later time.
- 10 Q After Ms. Sallee, correct?
- 11 A Yes.

- Q Can you tell us what happened and what you observed?
 - I compared her evidence sheet against the gunshot residue sheets -- reports against Mr. Middleton's, and noticed on the green evidence sheet that was used by -- at the medical examiner or at the crime lab, that it was a green paper but had White Out in areas where it showed the number of samples. And also on the line where it said left and right test kits, hers said "right." And there was a space where if you put the -- hers over the top of Mr. Middleton's, you could see this part scrolled of the writing still underneath the line that tied in exactly and had the word "left." You could see where the word "left" went in. Underneath the White Out you could also see the word "left," and

Did you see another report in this case?

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Q

- A There was not one.
- Q I'd like to turn your attention to the gun in this case. As part of your investigation, did you evaluate the trial transcript?
- A I did.

23.

- Q In reading the trial transcript, did you take note of how this gun was tested?
- A I did.
 - Q Was this gun tested properly or improperly?
- 10 A I thought it was tested improperly.
 - Q In what fashion?
 - A It had been taken apart and examined and replaced back together. In doing that, you could alter the condition of the gun, the actual condition the gun was in at the time it was fired.
- 16 Q What is the proper procedure for testing a gun?
 - A Prior to taking the gun apart, you would conduct your tests with the gun in its original state, the way it was found.
 - Q And why is that manner preferred to the manner of reassembling it and then testing it?
 - A Well, my experiences with guns, especially out at the police range where we'd normally take our guns apart as a normal routine, clean them, take them apart, inspect the mechanisms and oiling them, many times you can put

the gun back improperly, which would give you an improper misfire out in the field or it's not going to function the same. There's been a lot of accidents that I've seen in the field.

- Q Conversely, if a gun is malfunctioning prior to reassembly, is it possible to put it back in a way that it doesn't malfunction?
- A You could, yes.

MR. KELLY: And if I might, I'm sorry, sort of an objection, but more of a -- I just want to make sure we get this done right. I'm not sure that we laid the foundation for his being an expert in ballistics.

THE COURT: I believe that's correct. The objection's sustained.

MR. KELLY: And I know that it's there, but I think we need to get it done.

THE COURT: I agree. The objection is sustained, but you can lay further foundation.

- Q (By MR. LAURANS) Do you have experience and training in firearms?
- A I do.

- Q Can you inform the Court what that experience and training consists of?
- A Eighteen years of working around the police department prior to my retirement, qualified as an expert in -- as

far as shooting at the target range at the police academy, disassembling, putting together several different firearms that we had, as far as we're able to use at the police department, we carry it in police cars, and pretty much everyday use of firearms, taking them apart and keeping them in proper condition.

- Q Have you been trained on how to assemble and disassemble a weapon?
- A I have.
- Q Have you been trained on how to assemble and disassemble the type of weapon at issue in this case?
- A I have.
- Q Have you been trained in how to assemble and disassemble a weapon and test a weapon in relation to evidence collection and crime scene preservation?
- A No, that wasn't my duty as far as testing them.
 - Q But have you ever become familiar with the procedures?
- A Well, sure, I've watched them.
 - Q Have you had any further training or experience in that regard?
 - A All my experience is based on 18 years at the police department, which we maintain our own guns and other guns that part of the department used for our task force.

MR. LAURANS: Judge, with that foundation,

I'd offer this man as qualified to speak on that topic 1 of ballistics. MR. KELLY: If I might voir dire the witness, 3 4 Judge. 5 THE COURT: Uh-huh. 6 VOIR DIRE EXAMINATION by MR. KELLY: 7 Mr. Gay, I'm not trying to be difficult, I just wanted to -- again, we're trying to get the record accurate. 9 Α Sure. 10 Have you -- you testified that you have never been 11 trained vis-a-vis ballistics and its import to evidence; is that correct? 12 13 Α That's correct. But you've certainly had training about firearms? 14 That's correct. 15 Α 16 You are familiar with ballistics training as far as the 17 procedures that are used to identify where -- where and 18 how a bullet comes from a weapon; is that correct? 19 That's correct. Α 20 And you are certainly familiar then with how you can 21 identify whether a particular firearm has fired a 22 certain projectile; is that correct? 23 Α That's correct. 24 And you're familiar with, you know, lands and grooves, 25 things like that?

1 A Yes.

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- Q Okay. And so when you give your opinion as to whether or not breaking down a gun and then putting it back together might affect that, is that based upon your knowledge of the techniques they use to establish ballistics evidence?
 - A That's based on my own experience as far as handling guns for that many years.
 - Q Trying to help you here.
- 10 A Okay, go ahead.
 - Q You have been exposed, though, to how ballistics testing and collection of evidence is done, correct?
 - A Yes, I have.
 - Q And so when you've offered your opinions, it's based upon not only your personal experience but also your background and understanding of how that is performed?
- 17 A That's correct.
 - MR. KELLY: That's all I have, Judge. We have no objection.
 - THE COURT: Okay. Very well. You may proceed.
- 22 DIRECT EXAMINATION (resumed) by MR. LAURANS:
- 23 Q Have you -- have you -- you didn't have an opportunity
 24 to test the gun at issue in this case, correct?
 - A No, I did not.

- But have you tested other guns of the same make and model?
- I had a similar model first -- I had a similar model Α gun that was my duty weapon. It was a Smith and Wesson six-inch model. I think it was a model K. It was a .38 or was it .357? Pretty much the same gun, shooting different ammunition.
- Is it possible to have a hair trigger on that model of Q a gun?
- Most definitely. Mine had one. A
- Directing your attention back to the gunshot residue test reports, you evaluated Exhibits 17, 18, 20, and 21, correct?
- Α I have.

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- What findings did you derive from your evaluation?
- Α I saw several reports indicating that both of her hands were bagged for future tests for paraffin and for stippling from the -- a gunshot, if she would have used 19 it. I saw the reports indicating that Ken Middleton, 20 both of his hands were tested with negative results. ! I recall several reports showing that his clothing was tested with negative results. I showed that her 23 clothes was not tested, and that in the final report, as far as the test at the crime lab that appeared to be 25 altered, I saw reports indicating, or test -- that only

her right hand had been bagged and tested, which was inconsistent with the other reports indicating both hands were bagged at the time of the -- while she was at the crime scene.

- Q Have you drawn any conclusions from your findings?
- A I formed some conclusions, yes.
- Q What are the conclusions you formed?
- A My conclusions was she was shot on the left side of the head, which means -- which would tell me that she -- if she had shot herself, she would have had to have a gun in her left hand.

But the fact that the -- that hand wasn't tested. If any hand would have been tested, if they had a choice, for some reason they're only going to bag one hand, it should have been the left hand.

My conclusion was that both hands were bagged. And if I could talk about belief, I believe that the tests were probably made, and that means there's no other evidence of Ken Middleton firing a weapon, even on his clothes or his hands. I believe that the evidence was altered.

- Q You've read the trial transcript in this case?
- A I have.
 - O Do you have an opinion as to whether the gunshot residue test and its altered fashion would have been

Oh, I definitely think it would have been. Α

Significant as to guilt or innocence?

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- Both. I mean if we could show that -- if the evidence
- would have been tested, if there was the evidence shown
 - they tested the left hand, means there's no evidence
- that Mr. Middleton fired a weapon or no evidence on
 - even his clothing that there was any indication he had
 - fired a weapon, or blood spattering, I think it would
 - have been significant evidence to show either she was
- handling the gun at the time that the gun went off, or
 - it possibly could have accidentally gone off, it could
 - have been dropped.
 - And in your investigation, did you also have
- opportunity to evaluate the Blue Springs Police
 - Department investigation?
 - I have. Α
 - Can you tell me what your findings were?
 - I felt that the entire investigation, from the time the
- 20 first patrolman arrived on the scene, was entirely
- 21 improper as far as crime scene preservation. One of
- 22 the things I did note, the patrolman -- that one of the
- 23 first patrolmen that were there at the scene, he kept
- 24 Mr. Middleton at the house. And proper procedure, I
 - think with any police department, at least of the

numerous cases I have been involved in, you remove the people from the crime scene and try to preserve it.

And in his report, he picked up the gun,
examined it, opened up the cylinder, meaning he wasn't
holding the gun for any kind of fingerprints or
evidence. He at a later time picked up the gun and had
hid it behind the television, which again would have
destroyed any evidence of her hands being -- or
fingerprints being on the gun or even Mr. Middleton's
fingerprints being on the gun.

And then at some later point, I think it was
Detective Link asked him to replace the gun where he
thought it was when he found it. And he replaced it,
which is total altering the evidence, which should
never have been done. If anything, the photographs
should have been taken where the gun was behind the TV,
explaining why it got there and how it got there.

- Did you have opportunity to examine the crime scene or the photos of the reconstructed crime scene by Detective Link?
- A I have.

- Q Were you able to compare those photos to the crime scene diagram done on the day of the -- of the death of Katherine Middleton?
- A I have.

Q Were they consistent or inconsistent?

A Well, the original crime scene photograph showed —
depicted where the body was and depicted a plant and a
brass — I believe it was a giraffe, just to one side
of where the boot print was apparently embedded into
the wall. Photographs, however, later on, were taken
and it was no evidence of either of those items being
placed on the carpet or being positioned against that
wall.

There was additional reports in the evidence about issuance about a phone being on the wall, that she possibly was going to use the phone. And there was numerous parts of the testimonies, I think from Detective Link, that there was no phone on that wall.

However, the -- when the photographs were retaken at a later date, all the pictures taken of the crime scene appeared to deliberately omit the phone on the wall. In one picture, if I recall, that I saw, there was a partial cord. It was like the camera was taken just to the side of the phone so it wouldn't show. And that means that was a -- I believe a crucial part of the case. The phone should have been taken as far as part of the evidence.

- Q Why was it a crucial part of the case?
- A There's some speculation that she was running for the

phone and picked up the gun. And I think Mr. Middleton had in -- some part in that. In the case I had read it indicated that he thought she was running for the phone or going for the phone.

Also an indication he picked up the phone to call 911. And it was a result of the testimony to Detective Link and other information that was in evidence. There was all -- they were all stating that there was no phone on that wall, even though there was an affidavit placed into evidence from the original builder that he had installed a wall on that phone.

- Q So bottom line is, without the phone it casts
 Mr. Middleton in what light?
- A That his story was untruthful.
- Q With respect to those reconstructed crime scene photos, were procedures followed proper or improper?
- 17 A Definitely improper.
 - Q With the omission of the telephone from the photographs, is that proper or improper?
- 20 A Improper.

- Q Let's talk about the collection of evidence and preservation of Katherine Middleton's body, the crime scene. Can you speak to your findings in that regard?
- A In the reports it indicated that they unclothed the body to preserve the clothing and then wrapped the body

in a sheet to be taken to the medical examiner. In all my years as a police investigator and conducting crime scene searches, you would never disrobe the body. You'd leave the body in its same condition that you found it, have the medical examiner do all their tests. And at some point, when the medical examiner's done with their findings or reports, then we were allowed to do whatever tests we wanted to do.

But we never tampered with the body or positioned the clothing or how the clothing was on. And taking the clothing off a deceased person in the field, actually at the crime scene is — is totally improper. I don't know of any police department that would have that in their procedure manual for crime scene investigation.

- Q In fact, in the trial transcript was there not a mention of a button torn off the blouse?
- A There was.
- Q And to whom did the prosecutor ascribe the fault for that button coming off the blouse?
- A I believe the grabbing, of Mr. Middleton grabbing her when he was pushing her up against the wall, I think -- I believe that's when he indicated that's probably when the button came off.
- Q Is it possible the button could have come off during

the disrobing of the victim at the crime scene?

A That's correct.

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- Q And is that a proper or improper procedure?
- A That would -- in my opinion that's improper. With the police departments that I have worked with or conducted investigations with, it would have been very improper to do anything with the clothing as far as disrobing at that time. The medical examiner's the only place that we would take custody of the clothes, after they've taken -- done their medical examination.
 - Q Are you aware that this trial started on February 15, 1991?
 - A I am.
- 13 Q Were you available to testify at that time?
- 14 A I was.
- 15 Q Have you acquired any experience in the intervening 13

 16 years that would have resulted in these opinions today

 17 or could they have been formed prior to, say,

 18 February 20, 1991?
 - A They would have been prior to 1991, my prior police experience.
 - Q So nothing that's happened to you since February of 1991 could have bolstered these opinions today?
- 23 A No.
- Q And so what I'm driving at is your opinions today would have been the same as they would have been in 1991?

A That's correct.

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- Q You were armed with the same amount of education and experience to draw these conclusions back in 1991?
- A That's correct.
 - Q And available to testify?
- A Yes, sir.

MR. LAURANS: No further questions.

CROSS-EXAMINATION by MR. KELLY:

- Q Mr. Gay, you've previously testified that -- and I want to make just clarification here -- that you had a similar model to the firearm at issue in this case?
- A That is correct.
- 13 Q And when you say similar, can you bring it down a little bit more for me?
 - A Well, mine was a .28, Mr. Middleton's was a -- mine was a six-inch Smith and Wesson model K38 revolver. His was a six-inch Smith and Wesson .357 Magnum.
- 18 Q Are their mechanical actions the same?
- 19 A Yes.
- 20 Q You've read the trial transcript in this case?
- 21 A Yes, I have.
- 22 Q And you've gone over what I'll just term as the ballistics evidence in the case?
- 24 A I have.
- 25 Q Okay. Are you familiar with the testimony in the

underlying case that suggested that this weapon,
Mr. Middleton's weapon, could not have misfired but for
a purposeful action on the trigger?

- A I read that, yes.
- Q Okay. Do you agree or disagree?
- A I disagree.
- Q Okay. And why is that?
- A Incident that happened to me when I was on the police department with my weapon, which has the same safety feature his has. In my police training I was told that my weapon would not fire accidentally when dropped.

 And not being a ballistics expert or gunsmith, I've always believed that.

One day down in the locker room -- I'd been on the police department about eight, nine years -- I was at the gym. And I kept my gun on top of the shelf in my locker. And I had gone back to my locker to get something, and the gun started to slide off the shelf. I had no fear or even thought of going after the gun. I was basically trying to keep from hitting the ground because it was engraved, it was a nice-looking gun.

And when it hit the ground, barrel was pointing at me. And I still had no fear of it, and the thing went off. And it took me a few minutes, that I really thought at that point I had been shot, because I

was so close to the barrel. And actually, it fired right past my head up into the air conditioning duct, which it's probably still there today.

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But at that point I decided to get rid of the .38 and went to an automatic. I had no confidence in the gun at that point.

- Q And what is it about both firearms, if you will, that is purported to be fail-safe but for the trigger?
- Well, where the firing pin is, there's -- there is a shield or piece of metal between the firing pin and the primer. And when you cock the gun back, it drops down, allowing the firing pin to be able to strike the primer on the bullet. But when the gun is not cocked, there's a safety between that to where if -- technically, it was supposed to -- you can slam it. If it hits hard, it's not going to get to the firing pin, it has no way of firing.

I took my gun to the gunsmith and had them look at my gun after the incident, because it had had me pretty well upset and nervous about using the gun after that. And he couldn't find anything. He did some tests on my gun and I watched him. He dropped my gun. And because at that point I told him I wasn't going to use the gun after that anyway. And he tried dropping it and doing several tests and never could get

- Q Is it possible -- and I'm talking about the realm of possibility -- that somehow that gun was cocked before it fell off the -- from the top of the wherever it was?
- A No.

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- Q Do you think it's possible that in dropping that distance that it somehow did cock the gun, if you will, or at least partially?
- I don't think -- because I didn't even get my hands on it. I was trying like in vain to get that gun before it hit the ground. I didn't even touch the gun. It -- there's no way it could have cocked as falling without handling it. And it was actually in the holster. I have a side holster and it was snapped when it was up in the top shelf. And that snap wouldn't allow the gun to be cocked. And it was still -- it was still snapped shut when I retrieved the gun.
- Q It was in the holster?
- A It was in the holster. But it's got a holster where the barrel still sticks out about that far beyond it, so I'm still looking at the barrel when it hit the ground. And there's no way it could have been cocked.

 I had no explanation why it went off. The gunsmith wasn't able to tell me why it went off, but at that

- Q Can a load or ball, whatever the vernacular is, can it be constructed in such a way that it is in itself sort of a volatile load and any blunt force trauma could cause it to discharge?
- A If you just ask my opinion, because I'm not an expert on ballistics, I'd have to say no. You have to be able to center fire that firing pin, I mean the firing cap on the bullet and -- in order to get it to explode, in my opinion.

I mean I would have gone for any kind of theory to tell me why my gun wasn't safe or why it wouldn't be safe after that or if there's something wrong. He took the gun apart afterwards. He did test it before he took it apart. And made all his tests, couldn't make it go off. Then he did take it apart to see if there's anything wrong with the way the gun had been put back together one time when I was cleaning it and couldn't find anything wrong. I still have that gun, but it's not been fired since.

- Q Okay. With respect to your testimony that it was a, quote unquote, hair trigger --
- A Yes.

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- Q -- I know that typically there are tests as to how much pound feed of torque needs to be applied to a trigger and there's a continuum. Can you ballpark or is that just your own sense of whether it was a light trigger or a heavy trigger?
 - A Well, on my gun, manufacturer stated, I believe, anywhere from three and a half to five-pound trigger pull. I had mine worked on down to a half-pound trigger pull because I was also shooting competition with my gun and I was a sharp shooter or expert.
 - Q So that was very, very light?
 - A It was very light.

- Q Do you know, in fact, whether Mr. Middleton's gun had been altered in that way?
- 15 A I have no idea.
 - Q And so you would expect then that it would come with the normal trigger load, wouldn't you?
- 18 A It would normally come -- you can order them as a

 19 target pistol and it will come with what I call a hair

 20 trigger. And you can -- you can actually order them

 21 with whatever pull you want --
 - Q Okay.
 - A -- if you're into competition. I wasn't in that serious competition. I was just basically just the competition of the police department. But you can