IN THE CIRCUIT COURT OF THE SIXTH JUDICIAL CIRCUIT OF THE STATE OF FLORIDA IN AND FOR PASCO COUNTY CASE NO. 2014CF5586CFAXWS

STATE OF FLORIDA,

Plaintiff,

-VS-

ADAM MATOS,

Defendant: :

PROCEEDINGS: JURY TRIAL

BEFORE: HONORABLE MARY HANDSEL

Circuit Judge

DATE: November 7, 2017

PLACE TAKEN: Psco County Government Center

7530 Little Road

New Port Richey, FL 34654

REPORTED BY: Maria A. Fortner, RPR

Notary Public

State of Florida at Large

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16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

1	INDEX TO PROC	CEEDINGS	
2		<u>P</u>	AGE
3	VOLUME VI		
4			
5	NOEL PALMA, M.D.	Cross	
6 7	NANCY SULINSKI	Direct	
8	SANJUANITA GONZALEZ	Direct	897
9	DENICE WEIGAND	Direct	
10 11	STEVEN STARK	Direct	
12	DENA ALLEN	Direct	952
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

	I	
4		
1		E-X-H-I-B-I-T-S
2		
3	438 - 439	Photographs851
4	440 441	Photograph
_	442 - 443	Photographs 854
5	487 444 - 459	Photograph
6	460 - 461	Photographs
_	462 - 864	Photographs
7	465 - 468 469 - 479	Photographs
8	480	Photograph
9	481 - 482 483 - 484	Photographs
	488 - 489	Photographs
10	490 491	Photograph
11	503	Photograph
10	492 - 493	Photographs
12	494 - 502 504	Photographs
13		
14		
15		
16		
17		
18		
19		
20		
20		
21		
22		
,,		
23		
24		
25		

1 P-R-O-C-E-E-D-I-N-G-S 2 THE COURT: Cross? 3 MR. MICHAILOS: Yes, Your Honor. Thank you. 4 May it please the Court. Counsel. 5 CROSS-EXAMINATION 6 BY MR. MICHAILOS: 7 (By Mr. Defense) Good afternoon, Doctor. Q. 8 Α. Good afternoon, sir. 9 Ο. Dr. Palma, on direct you indicated that you 10 found homicides as a manner of death in all four of 11 these autopsies, correct? 12 Yes, sir. Correct. Α. 13 And you indicated that when you find a manner 14 of death, you pick from about five categories, one of 15 which you never use because natural causes is not 16 something you investigate, correct? 17 Α. We do. Oh, you do? 18 Q. 19 Α. Yes. 20 Okay. So other than natural, it would be Q. 21 undetermined, accidental, suicidal or homicide, correct? 22 Α. Correct. Yes. 23 Okay. And I think you said earlier that 24 homicide pretty much means that you came to the 25 conclusion somebody else killed or caused the death of

the person you're doing the autopsy on, correct? 1 2 Correct. Yes. 3 And your finding is more from a medical as Q. 4 opposed to a legal perspective, would you agree? 5 Α. Agree. Yes. 6 For example, if someone was killed in 7 self-defense, you couldn't draw a conclusion? 8 A. It's a homicide. 9 Ο. It's a homicide? 10 Α. Correct. 11 And you just have the body to go on, right? Q. 12 Α. Yes. 13 So you wouldn't have a suspect in mind? Q. 14 Α. No. No. 15 And as far as the type of homicide, whether it Q. 16 be a legal distinction of manslaughter or murder, you 17 wouldn't know that either? 18 Α. No. Negative. 19 And you can't give an opinion to that, Q. 20 correct? 21 Α. No. 22 Now, with regard to Megan Brown, your opinion Q.

Q. Would you agree with me that that would have

is that the qunshot wound to the head caused her death?

Yes.

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24

25

Α.

Correct.

caused an immediate loss of consciousness? 1 2 Yes. 3 And would you agree that that gunshot wound to Q. the head would have caused immediate death? 4 5 In this particular case, yes. Α. 6 And I know you put on the record all the 7 heights of all the individuals involved here. 8 recall if you gave us Megan Brown's height. 9 Could you do that for me, please. 10 Α. 68 inches. That's 5'8". 11 5'8". 0. 12 And you also gave us the weights of the four 13 individuals here. And you would agree this is post --14 Α. Postmortem. 15 Q. Decomposition? 16 Α. Correct. Yes. **17** Q. So their weights probably wouldn't even come 18 close to what they weighed when they were alive, 19 correct? 20 Α. Most likely. Correct. Yes. 21 You need a weight of Megan? 22 Q. No. I just needed the height. Thank you. 23 Α. Okay.

Now, with regard to Greg Brown, he was

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Q.

definitely shot once, correct?

A.	At least once or twice.
Q.	But definitely once? Possibly twice?
A.	Correct. Yes. Or even more.
Q.	Or even more.
And	d you can't be sure because of the decomposition?
A.	That's correct, yes.
Q.	And in all four of your autopsies, you made
sure to	include in your report that other injuries could
not be	determined with certainty because of the state of
decompo	sition?
A.	That's correct.
Q.	That's true for all four people?
A.	Correct.
Q.	And you said something about artifact being a
factor 1	here in that some of the wounds appearance could
change 1	oecause of insect activity, correct?
A.	Correct.
Q.	And something that would otherwise be jagged
	Q. A. Q. And A. Q. sure to not be decompose A. Q. A. Q. factor 1 change 1 A.

would appear smooth or round?

Correct.

Circular, if you will?

Circular. Correct. Yes.

So, for instance, some of the head wounds on

Nicholas Leonard, they seem to be incredibly round, that

might have nothing to do with the blunt force trauma,

Α.

Q.

Α.

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1 correct? 2 They were the trauma, they were the impact 3 sites, but the shape may be different, the original 4 shape may be different at that time. 5 Okay. And back to Gregory, you think there's Q. 6 a likelihood or at least the possibility that his aorta or his inferior vena cava could have been severed? 7 8 Α. Correct. Yes. 9 Q. And the aorta is the main artery delivering 10 oxygenated blood from the heart, correct? 11 Α. Correct. 12 Am I saying that right, the interior vena 13 cava? 14 Α. Yes. 15 That does the reverse, right? Q. 16 Correct. Going up. Α. 17 Q. That brings the blood to the heart? 18 A. Correct. 19 Okay. So any one of those being severed would Q. 20 instantaneously cause death? 21 Α. Correct. Yes.

And you cannot exclude that possibility,

Now, what is what lay people call bleeding

22

23

24

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Q.

A.

Q.

Negative.

No.

right?

- out? I think I have another term for it that you may recognize. Exsanguination?
  - A. Correct.

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5

- Q. Did I say that right?
- A. It's the same, yes.
- 6 Q. Okay. That's bleeding out pretty much, right?
- 7 A. Correct. Yes.
- Q. Okay. Is it true that one doesn't have to lose all their blood in order to pass away from bleeding out?
- 11 A. Correct. Yes.
- 12 Q. Maybe less than half could do it, right?
- 13 A. At least 30 percent you have of blood loss.
- 14 Q. At least 30 percent -- I'm sorry?
- 15 A. Thirty percent of blood loss.
- Q. Okay. And could you pass out or be rendered unconscious when you loose less than that?
  - A. It depends, it depends on the person.
- Q. And you don't have to have severing of a very big blood vessel like an aorta to die from exsanguination, correct?
- 22 A. Correct. Yes.
- 23 Q. It could be any type of cut?
- 24 A. Correct. Yes.
- 25 Q. As long as the bleeding isn't controlled in

some way? 1 2 Α. Correct. 3 Like by use of a tourniquet or something, right? 4 5 Yes. Α. 6 Now, with regard to Nicholas Leonard, you 7 testified to two incised type wounds on his left arm? 8 A. Correct. Yes. 9 Q. One was on the upper arm? 10 A. Yes. 11 The bicep area? Q. 12 Α. The lateral aspect. Correct. Yes. 13 Okay. And the upper forearm, correct? the elbow? 14 15 Α. Correct. Yes. 16 Now, these wounds were definitely consistent 17 with knife wounds, correct? 18 Α. Correct. Yes. 19 Now, because of the decomposition, could you 20 tell if his brachial artery in that arm was severed? 21 Α. They were intact. I did not see any injuries 22 to the major arteries in that general location.

problem is it could be the smaller arteries that were

And in both those wounds, at least in the

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affected, I don't know.

Q.

photograph we saw that the State published, seemed 1 pretty deep, correct? 2 3 A. Correct. Yes. 4 Q. And we're looking at the arm of a person who's 5 very much decomposed, right? 6 Α. Yes. 7 So before decomposition, there would be more Q. 8 body weight? There would be dehydration, right? 9 Α. That is correct. 10 Q. And I would gather that those wounds would 11 seem even deeper; is that correct? 12 It's possible. Possible, yes. Α. 13 And someone could bleed out from an injury 14 such as those two injuries, correct? 15 Α. By itself without considering the head trauma? 16 Correct. Q. 17 Α. Yes. 18 Does stress and muscle exertion cause one to Q. 19 bleed quicker or at greater rate? 20 Α. It depends what general injury we're talking 21 about. 22 Let's say if you're under the effects of 23 adrenaline, your heart is pounding?

And are we talking about the injuries to the

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Α.

left upper extremity, right?

1 Q. Right.

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- 2 A. It may, yes.
  - Q. Okay. On an injury consistent with the one that Nicholas Leonard had on his arm, those both injuries on his arm alone, if he was bleeding, could he fall unconscious in a matter of minutes if that wasn't controlled, the bleeding wasn't controlled?
    - A. If not controlled, it's possible, yes.
  - Q. And obviously if one bleeds enough, they fall unconscious before they actually expire, right?
  - A. Yes.
  - Q. Now, there's one injury you testified about on direct examination having to do with the left let's just say jaw?
    - A. Correct. Yes. Around here.
    - Q. On Nicholas, right?
- 17 | A. Yes.
- 18 Q. It was the left side of his jaw?
- 19 A. Correct.
  - Q. Would you agree with me that that wasn't a fatal wound?
    - A. In this particular case, no.
- Q. Okay. It wasn't the cutting of the throat?

  It was the jaw, right?
- 25 A. Correct. Yes.

And the jaw is protected at least internally 1 Q. 2 by the jawbone, right? 3 Α. Yes. 4 Q. And you described that wound as being an 5 incision-type wound, but in your report it does say that 6 there was an irregular edge to it, correct? 7 Correct. Due to the maggots effect. Α. 8 Q. Oh, I thought the maggots were more smooth on 9 a wound? 10 Α. Not necessarily. 11 Is it possible that this incisive looking-type Q. 12 wound could have been caused by something other than a 13 knife? 14 Α. Yes. 15 A glance from a hammer? 16 Very unlikely because a hammer -- we're 17 talking about the round portion of the hammer, right? 18 Not necessarily. It could be the edge or the Q. 19 back end? 20 Is that a sharp edge? Α. 21 Q. Yes. 22 Α. It can, yes. 23 Would that also be consistent perhaps with I'm

thinking of the particular injury you notate on the top

of Nicholas's head? It looked almost triangular, but it

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almost appeared as if the scalp was cut a certain way. 1 2 Could that be caused by a hammer? 3 THE COURT: Do you know which number photograph we're talking about? 5 MR. MICHAILOS: I apologize, Judge. 6 you. 7 THE WITNESS: Now I need to see the picture. 8 MR. MICHAILOS: If I may approach the witness, 9 Your Honor? 10 THE COURT: You may. 11 (By Mr. Michailos) It is State's Exhibit 414. Q. 12 Here you go, Doctor. That's the wound. 13 Oh, okay. Yes. Α. 14 Q. It looks like -- that's not a fracture wound, 15 it looks more like an external wound to the scalp, does 16 it not? 17 Α. That's correct. It is an incised-type injury. 18 Could that be caused from the glance by the 19 edge of the hammer? 20 As long as it's a sharper edge, yes. 21 Okay. Now, you notated and you testified to Q. 22 several skull fractures on Nicholas Leonard, correct? 23 Α. Correct. 24 And you testified that blunt trauma, blunt Q. 25 force trauma definitely occurred, right?

1 Α. Correct. Now, and we saw the photographs of several 2 3 Is it fair to say that you can't give a 4 number of blows caused from the number of fractures? 5 Α. I can, yes. 6 Are you doing so from the external appearance 7 of marks, right? You match it. 8 A. 9 Ο. You match it. 10 But you would agree that one single blow can cause 11 several fractures? 12 That is correct, yes. 13 Because in this case we have an eggshell-type 14 effect, correct? 15 Α. Yes. 16 And is it fair to say that you cannot, Doctor, Q. 17 tell the order the injuries occurred? 18 Α. The order, no. 19 Okay. So is it fair to say that Mr. Leonard 20 could have received a number of injuries after loss of 21 consciousness? 22 Α. Possible, yes. 23 Is it possible that he could have received a

number of these injuries after he had passed away?

That's a tough one. Because what is the point

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Α.

of hitting somebody at least 21 times if the person is dead already? So I don't get your point.

- Q. Well, would you agree with me that you think -- I'm asking you this from a medical perspective.
  - A. I'm sorry. Yes.

- Q. It sounds like you're taking off your medical hat and putting on your layman's hat.
  - A. I'm sorry. Yes.
- Q. So from a medical point of view, can you tell us? As far as motive and why somebody would a do that, that's I think ultimately something that can be decided later on.

But would you agree that medically that somebody could -- you couldn't tell by looking at the physical evidence that these blows occurred before as opposed to after death, correct?

- A. That's correct. Especially I have a decomposing body, it is so hard the tell the difference.
- Q. Right. And I would think the same is true for Margaret Brown, would you agree for Margaret?
  - A. The trauma first or the asphyxiation first?
- Q. I'm just talking about the trauma now. You don't know exactly what happened first in order, right?
  - A. Correct. Yes.
  - Q. Now, with regard to Mr. Leonard, Nicholas

Leonard, like all the other individuals here, he had 1 2 decomposition, obviously? 3 A. Yes. And it is possible that he could have received 5 a gunshot wound, correct? 6 Mr. Leonard? I did an X-ray, a total body 7 X-ray, and I did not see any fragments, metallic 8 fragments in the body. So most likely not. 9 Ο. But it's possible? 10 It's possible, but most likely not. 11 And if he suffered a gunshot wound to the Q. 12 head, it would be more possible, right? Because there 13 was more decomposition to the head and with the 14 fractures, you couldn't actually show that one way or 15 the other, correct? 16 It's possible because there were missing parts 17 of the skull. 18 And when you examined these people, there was 19 no evidence that they had any disabilities before they 20 were injured? 21 I'm going to object, Judge. MR. LABRUZZO: 22 That calls for speculation as to how they were when 23 they were alive.

THE COURT: I'll let the doctor indicate if he knows? But I'm not exactly sure what question

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1 you're asking the witness. (By Mr. Michailos) Could you tell from 2 3 examining the bodies whether or not these people had any 4 ailments or unhealthy before receiving these injuries? 5 Except for the dad. That's Case Number, let's Α. 6 see --7 Gregory Brown? Q. Correct. Forty-seven. He was the only one 8 Α. 9 with a previous back surgery, laminectomy. 10 Q. You saw evidence of that back surgery? 11 Correct. Yes. Α. 12 Did you find some metal rods or something? Q. 13 Α. I did not. No, there was no rods. 14 Q. Oh, but you saw healing? 15 Α. Yes. 16 Would you agree with me, Doctor, that a hammer Q. 17 blow to the head, if forceful enough, could cause 18 immediate loss of consciousness? 19 Α. It can, yes. 20 And clearly on the greater injury on Margaret Q. 21 Brown, that 6-centimeter injury, that would result in 22 immediate loss of consciousness? 23 Α. Yes. 24 And would you agree to go further and say it Q. 25 would probably cause instant death?

1	A.	Yes.
2	Q.	Now, in Margaret's case, you have found a
3	contribut	cory condition of asphyxiation?
4	A.	Correct. Yes.
5	Q.	And I think your exact words is "That may have
6	been a ca	ause of death"?
7	A.	Correct. May have contributed to the cause of
8	death.	
9	Q.	Okay. "May have." You can't go further than
10	that, ric	ght? It's just a possibility, right?
11	A.	Most likely scenario, yes.
12	Q.	Okay. But would you agree with and you
13	came to t	that conclusion simply because of the evidence
14	of this h	pag over her head, correct?
15	A.	And the tight ligatures and the duct tape over
16	the mouth	ı.
17	Q.	Right. And by ligature, you mean the things
18	used to t	tie her, which is tape?
19	A.	Correct. And they're tight.
20	Q.	Correct. Well, that's because you saw
21	evidence	of indentation on her skin, right?
22	A.	Yes.
23	Q.	Could that ligature mark be from the swelling

of the body because of decomposition?

Possible. But very unlikely because it's all

24

25

A.

1 over the place.

- Q. Right. But the ligatures could have been applied postmortem, right, after death, correct?
- A. Possible. But you have the brain tissue inside.
- Q. Well, is it possible for brain matter to be inside the bag if the bag was put over a wound after the trauma?
- A. Well, there's a huge gaping injury to the left side.
  - Q. Right.
  - A. So most likely what happened was the brain tissue came out from the skull after the injury, so not before the patient was dead.
- Q. Right. But it would matter how fast this bag was put over the head, right? Would you agree with me?
  - A. I don't understand the question.
- Q. Okay. For instance, how about if a bag was put over Margaret -- over her head immediately after the blunt trauma force, immediately after, wouldn't the bag capture some of the brain matter?
  - A. Yes. It can, yes.
- Q. Okay. And when you were examining this bag, you notated some brain matter, correct?
  - A. Yes. Most of the brain matter went there.

- Q. Okay. Well, by brain matter, you mean liquid, right?
  - A. Correct. Partially liquid.
  - Q. Would you agree with me that if somebody had hit somebody over the head after putting a bag over them, there would be no evidence of blood spatter?
    - A. I don't know anything about blood spatter.
  - Q. Okay. Well, blood spatter, you know what that is, right?
    - A. Correct. Yes.
  - Q. Okay. So would you agree with me that if you cover somebody's head completely with a plastic bag, unless the bag is deteriorated and has holes in it, and then you hit them, no blood should escape that bag unless the bag is corrupted in some fashion or form?

    Would you agree with me?
    - A. Yes. It's contained.
  - Q. Excuse me?
    - A. It's contained inside, yes.
  - Q. It would be contained?
- 21 A. Yes.

- Q. And you wouldn't have any evidence of that because that wasn't your part of this examination, right?
- 25 A. That is correct.

1	Q. So would you agree with me that in drawing the
	conclusion that asphyxiation was a contributory
3	condition in this case, you did so more from a layman's
4	point of view, the existence of bag and ligature marks,
5	not because you found any physical medical findings that
6	she suffocated?

- A. That's correct. And also on top of that, I have the duct tape over the face and mouth region.
- Q. Right. I understand. But you didn't find any physical findings that would show that she died from suffocation, correct?
  - A. No.

- Q. Nothing biological that you could point to?
- A. That is correct, yes.
- Q. Simply the existence of tape over this bag?
  - A. Correct. Yes.
- Q. And you used the term "incapacitated" in your direct. By that did you mean loss of consciousness when you said incapacitated?
  - A. And/or death.
  - Q. And/or death.

And would you agree with me that the time between each gunshot or between each traumatic blunt force is unknown to you?

A. That is correct.

1	Q.	And, Doctor, you're employed by who?
2	A.	Excuse me?
3	Q.	Who are you employed by?
4	A.	By District Six Medical Examiner's Office.
5	Q.	Okay. And you routinely testify for the State
6	Attorney'	s Office, right?
7	A.	Yes.
8	Q.	And it's part of your job, correct?
9	A.	Correct. I testify for my cases.
10	Q.	And you get paid for that, obviously?
11	A.	No. It's part of my job.
12	Q.	It's part of your job.
13	It's	included in your job, right?
14	A.	Correct.
15	Q.	You don't get paid separate for it?
16	A.	No.
17	Q.	It's part of your salary?
18	A.	Yes.
19	Q.	Thank you, sir.
20	A.	Thank you.
21		MR. MICHAILOS: Oh, actually, one second.
22		No further questions. Thank you, sir.
23		THE WITNESS: Thank you.
24		MR. MICHAILOS: I appreciate it.
25		THE COURT: Redirect?
	II	

1 MR. LABRUZZO: One moment, Your Honor. 2 REDIRECT EXAMINATION 3 BY MR. LABRUZZO: Dr. Palma, as it specifically relates to the 4 Q. 5 injuries that Margaret Brown sustained, and there was 6 some discussion about the bag over the head and maybe 7 the order in which the bag was placed over the head. 8 Okay? 9 Based on your experience investigating this case, 10 the review of the evidence, and the crime scenes that 11 you went to both at the Medical Examiner's Office and at 12 the scene where the bodies were found, and based on your 13 years of experience as it relates to investigating and 14 performing autopsies, would that make sense that you 15 would cause such an injury to the head and then 16 immediately put a bag to cause such force that 17 asphyxiation could become a contributing factor? 18 Asphyxiation is a contributing factor, Α. 19 correct. Yes. 20 Right. Would that make sense to do that in a Q. 21 case like this? 22 MR. MICHAILOS: Objection, Your Honor. 23 Irrelevant. 24 THE COURT: Overruled. It's redirect based on 25 your questioning. So you may proceed.

1	Q. (By Mr. Labruzzo) So I guess what I'm asking
2	you, Doctor, is that does it make sense to cause those
3	injuries to the head of Ms. Margaret Brown, the injuries
4	of which we've already gone through and discussed, and
5	then to immediately place a bag on the head and put it
6	on with such force, that it leaves evidence of
7	asphyxiation?
8	MR. MICHAILOS: Objection. Outside the scope
9	of expertise.
10	THE COURT: Overruled. He's the medical
11	examiner, and he has years and years of
12	expertise on forensic pathology, and this is part
13	of his expertise, manner and cause of death. So
14	overruled.
15	MR. MICHAILOS: Can we approach?
16	THE COURT: No. Overruled. You may proceed.
17	Q. (By Mr. Labruzzo) All right. Dr. Palma, does
18	it makes sense, based on all that you've seen and that
19	you noticed, the injuries to the head and as to the
20	evidence that was left by the bag and the items that
21	were used to attach the bag to the head, does that make
22	sense?
23	A. No.
24	MR. LABRUZZO: Okay. No further questions.
25	THE COURT: All right. Doctor, thank you very

1	much. You may step down. Do you want him to
2	remain under his subpoena?
3	MR. LABRUZZO: Yes, Judge.
4	THE COURT: Doctor, you are free to go back to
5	your office in Largo. Just be available by phone,
6	if necessary. Okay?
7	THE WITNESS: Thank you.
8	THE COURT: Thank you, sir.
9	State, I'm informed by the clerk that you
10	retained 45, 272 and 284 of the evidence. Can we
11	make sure we have them. Does the doctor have them?
12	Dr. Palma, do you have any of my photographs
13	by any chance?
14	THE WITNESS: No.
15	THE COURT: Are you sure you don't have them?
16	Oh, there's some over here.
17	MR. LABRUZZO: That's them.
18	THE COURT: Okay. Thank you, sir. Sorry.
19	THE WITNESS: Thank you.
20	THE COURT: We gave him so much stuff, I was
21	afraid he might have put them together.
22	MR. LABRUZZO: I apologize.
23	THE COURT: No problem.
24	MR. MICHAILOS: Judge, can we approach for a
25	second?

1 THE COURT: Certainly. Madam Clerk, have you got it all? 2 3 THE CLERK: Yes. THE COURT: Okay. 5 (Bench Conference.) 6 THE COURT: Yes. 7 MR. MICHAILOS: I'd just like to put on the 8 record to protect my last objection. 9 The State's question was specifically, "Does 10 it make sense?" That's outside the expertise of 11 the doctor as to what makes sense and what's 12 logical. That's up to the jury to find. 13 It's outside his physical examination. 14 think that was asked and answered. It has nothing 15 to do with the manner or cause of death. And I'd 16 ask for a curative to strike that last question and 17 answer, Your Honor. 18 THE COURT: Okay. That will be denied. 19 asked extensive questions on the matter of the 20 plastic bag and putting it over someone's head 21 after the injury. 22 He's an expert witness. He can testify in 23 hypotheticals and he can give his opinion. That is 24 his opinion. You may not think that it is a good

opinion, but it's definitely not outside of his

1 opinion. Since he is a forensic pathologist, that means 2 3 he doesn't talk just about the injury, but he talks about the manner and cause of the injury or what 5 normally happens and what you see and all those 6 kind of things. That's what he does. 7 So I understand your objection, that's why 8 I've overruled it. I'll deny your motion for a 9 curative and we'll move on. Okay? 10 MR. MICHAILOS: Okay. 11 (Open Court.) 12 THE COURT: State, are you ready to call your 13 next witness? 14 MR. SARABIA: Yes, Judge. The State would 15 call Nancy Sulinski. 16 THE COURT: Okay. 17 MR. SARABIA: For the record, I've shown 18 Defense Counsel State's Exhibits 438 through 484. 19 THE COURT: Good afternoon, ma'am. 20 apologize. If you want to stop right there. 21 your right and be sworn by my clerk. 22 NANCY SULINSKI, 23 a witness herein, being first duly sworn, was examined 24 and testified as follows: 25 THE COURT: All right. Please have a seat in

1 the witness stand. And speak in a loud and clear voice for me. 2 3 MR. SARABIA: I'm sorry, Judge. If I can correct the record. I've shown them Exhibits 438 5 through 489. 6 THE COURT: Okay. State, you may proceed. 7 MR. SARABIA: Thank you, Judge. 8 DIRECT EXAMINATION 9 BY MR. SARABIA: 10 Q. Please turn and introduce yourself to the 11 jury. 12 Hi there. My name is Nancy Sulinski. Α. 13 And, Ms. Sulinski, how were you employed back 14 in September of 2014? 15 Α. As a forensic investigator for the Pasco 16 Sheriff's Office. 17 And how long were you a forensic investigator 18 for the Pasco County Sheriff's Office? 19 I became an investigator for the Sheriff's 20 Office in June of 2006. 21 And what are your duties as a forensic Q. 22 investigator? 23 So the duties as a forensic investigator is we 24 respond to various types of crime scenes. And our 25 duties there are to document the crime scene as is, we

collect various items of evidence, and process the crime 1 2 scene as needed. 3 Now, back on September 4th, 2014, on Thursday, Q. 4 did you have occasion to get involved in an 5 investigation of 7719 Hatteras Drive, and surrounding 6 circumstances? 7 Α. I did. 8 MR. SARABIA: Judge, may I approach the 9 witness? 10 THE COURT: You may. 11 (By Mr. Sarabia) Now, Thursday, September 4th, Q. 12 2014, did you respond to a tow yard? 13 I did. Α. 14 Q. And I'm showing you State's Exhibits 438 and 15 439. Can you look at those. Do you recognize those? 16 Α. I do. 17 0. And what are those? 18 A. These are photographs of a vehicle that was at 19 that tow yard that I responded to. 20 Okay. And once you responded there, did the Q. 21 Sheriff's Office take possession of that vehicle and 22 take it back to the forensics lab for further examination? 23 24 Α.

And these photographs, are they of this truck

25

Q.

as it was found with a blue tarp over it? 1 2 Α. Yes. 3 Okay. And fair to say that that's a blue Q. truck? 4 5 It is a blue truck, yes. Α. 6 With license plate 244JJN? Q. 7 Α. Yes. 8 MR. SARABIA: At this time, Judge, the State 9 would like to move State's Exhibit 438 and 439 into 10 evidence. 11 THE COURT: Any objection? 12 MR. MICHAILOS: No, Your Honor. 13 THE COURT: All right. 438 and 439 will be in 14 evidence. 15 MR. SARABIA: Permission to briefly publish, 16 Judge? 17 THE COURT: You may. 18 That same evening, did you (By Mr. Sarabia) 19 also -- I'm sorry. Real quick let's go to 20 September 5th, 2014, Friday. Did you go to a residence 21 on Woodchuck Way that was identified to you as Nicholas 22 Leonard's residence? 23 Α. Yes, I did. 24 Do you recall the address of that residence? Q. 25 Α. I don't remember off the top of my head, but

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it sounds familiar. I'd have to refer to my notes, if I
1
2
    may?
 3
              Would that refresh your recollection?
         Q.
         Α.
               Yes.
 5
              Please do.
         Q.
 6
         Α.
               12721 Woodchuck Way.
 7
              And I'm showing you State's Exhibits 440
    through 443. If you could look at those and tell me if
8
 9
    you recognize those?
10
         A.
               Yes, I do.
              And what is State's Exhibit 440 of?
11
12
               That's a photograph of an end table in the
         Α.
13
    master bedroom.
              Okay. And there was a bed next to it?
14
         Q.
15
         Α.
              Yes.
16
               Is it a fair and accurate depiction of the way
         Q.
17
    you found it?
18
         A.
               Yes.
19
               MR. SARABIA: State would ask to move State's
20
         Exhibit 440 into evidence.
21
               THE COURT: Any objection?
22
               MR. MICHAILOS: No, Your Honor.
23
               THE COURT: Okay. 440 will come in.
24
              (By Mr. Sarabia) I'm showing you State's
         Q.
25
    Exhibit 441. What's that of?
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1	A. That's a photograph of the same nightstand
2	with a gun box on it.
3	Q. And what does the gun box say?
4	A. It's says Kel-Tec.
5	MR. SARABIA: At this time the State would
6	like to move State's Exhibit 441 into evidence.
7	THE COURT: Any objection?
8	MR. MICHAILOS: No, Your Honor.
9	THE COURT: All right. 441 will come into
10	evidence.
11	MR. SARABIA: Permission to publish, Judge?
12	THE COURT: You may.
13	Q. (By Mr. Sarabia) Turning your attention to
14	State's 442. What is that of?
15	A. That's the same gun box that I was just
16	speaking of, it's open now.
17	Q. And once you opened the gun box, what did you
18	find?
19	A. The gun box was empty.
20	Q. Okay. And turning your attention to
21	State's 443. What is that of?
22	A. That's a photograph of a box of ammunition.
23	Q. And what type of ammunition was it?
24	A. Federal .380.
25	Q. And was the box of ammunition full?

1	A. No, it was not full.
2	Q. Were there different types of ammunition in
3	it?
4	A. It appears that it's all the same type of
5	ammunition.
6	Q. Okay.
7	MR. SARABIA: At this time, Judge, the State
8	would like to move State's Exhibits 442 and 443
9	into evidence?
10	THE COURT: Any objection?
11	MR. MICHAILOS: No, Your Honor.
12	THE COURT: All right. 442 and 443 will come
13	into evidence.
14	MR. SARABIA: Permission to publish?
15	THE COURT: You may.
16	Q. Ms. Sulinski, I want to show you State's
17	Exhibit 487 for identification. If you'll look at that
18	and tell me if you recognize that?
19	A. I do recognize this.
20	Q. What is that?
21	A. This is that gun case I was just speaking of
22	that was in the photographs.
23	MR. LABRUZZO: At this time, Judge, the State
24	would like to move State's 487 into evidence.
25	THE COURT: Any objection?

1 MR. MICHAILOS: No, Your Honor. 2 THE COURT: All right. 487 will come into 3 evidence. (By Mr. Labruzzo) Can you do me a favor? Does 4 Q. 5 that have a label on there right there at the bottom 6 that has some numbers starting with JS? 7 Α. It does. Would you like me to read them? 8 Q. If you could. 9 It is JSD, like "David," 28. 10 Q. Thank you. 11 Now, Ms. Sulinski, did you eventually respond to 12 7719 Hatteras Drive? 13 Α. Yes, I did. 14 And I guess I would say on September 4th, but Q. 15 it was really past midnight into September 5th of 2014; 16 is that fair? 17 I actually responded on the 4th. It was about 18 10:30 at night when I responded there. 19 Q. Very good. And when you responded there, did 20 you notice any odors about the residence? 21 Α. I did. 22 And can you describe to the jury what that 23 smelled like? 24 A. The odor was a very strong, putrid, rotten 25 odor.

- 1 Q. And is it an odor that you're familiar with?
- 2 | A. It is.

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- Q. And being a crime scene forensics investigator for as many years as you have, have you been to many different death investigations?
  - A. Yes, I have.
- Q. Have you encountered decomposing bodies many times in the past?
  - A. Yes, I have.
  - Q. And is it a smell that you are familiar with?
- 11 A. It is.
- Q. And the smell at 7719 Hatteras Drive, how would you describe that smell?
  - A. It was a smell that smelled like decomposition. It was a very strong odor.
  - Q. Now, at 7719 Hatteras Drive, did you spend a substantial amount of time or were you the primary forensic investigator who dealt with the east garage in the residence?
    - A. Yes, I was.
  - Q. I want to show you State's Exhibits 444
    through 459. If you could look through those for me and
    tell me if you recognize those?
  - A. I do recognize these.
    - Q. Are those all the photographs of the east

garage at 7719 Hatteras Drive? 1 2 Α. Yes, they are. 3 Does it fairly and accurately depict things Q. 4 you saw in that garage? 5 Α. Yes. 6 MR. SARABIA: At this time, Judge, the State 7 would like to move 444 through 459 into evidence. 8 THE COURT: Any objection? 9 MR. MICHAILOS: No, Your Honor. 10 THE COURT: All right. 444 through 459 will 11 be admitted. 12 (By Mr. Sarabia) I'm going to ask you a little 13 bit more about luminol and BLUESTAR in a minute. 14 terms of luminol and BLUESTAR, did you do some 15 processing using those chemical agents within the 16 residence? 17 Α. I did. 18 And I'm showing you State's Exhibits 460 and 19 461. Did you assist in doing some processing with 20 luminol in the west garage? 21 Α. Yes, I did. 22 And are 460 and 461 photographs depicting some Q. 23 of the things you observed when you did that? 24 Α. Yes. 25 MR. SARABIA: At this time the State would

1	like to move State's Exhibits 460 and 461 into
2	evidence.
3	THE COURT: Any objections?
4	MR. MICHAILOS: None.
5	THE COURT: All right. 460 and 461 will come
6	into evidence.
7	Q. (By Mr. Sarabia) I'm showing you State's
8	Exhibits 462 through 464. If you could look at those
9	for me. Do you recognize those?
10	A. I do.
11	Q. And did you assist in processing the door that
12	led from the west garage into the stairwell area of 7719
13	Hatteras Drive?
14	A. Yes, I did.
15	Q. And are these photographs, State's 462 through
16	464, photographs of what you observed when you did
17	process that door?
18	A. Yes.
19	MR. SARABIA: At this time the State would
20	like to move State's Exhibits 462 through 464 into
21	evidence.
22	THE COURT: Any objection?
23	MR. MICHAILOS: No, Your Honor.
24	THE COURT: All right. 462 through 464 will
25	come into evidence.

1	Q. (By Mr. Sarabia) Did you assist in processing
2	the stairwell area with luminol?
3	A. Yes, I did.
4	Q. And I'm now showing you State's Exhibits 465
5	through 468. Can you look at those for me. Do you
6	recognize those?
7	A. Yes, I do.
8	Q. Are those things that you observed once you
9	assisted in processing the stairwell area with luminol?
10	A. Yes.
11	Q. Fair and accurate depictions?
12	A. Yes, it is.
13	MR. SARABIA: At this time, Judge, the State
14	would like to move State's Exhibits 465 through 468
15	into evidence?
16	THE COURT: Any objection?
17	MR. MICHAILOS: No objection, Your Honor.
18	THE COURT: All right. 465 through 468 will
19	come in.
20	Q. (By Mr. Sarabia) Turning your attention to the
21	southeast bedroom on the second floor. I'm going to
22	show you State's Exhibits 469 through 479. Did you
23	assist in doing some trajectory analysis in that
24	gouthongt hodroom?

Yes, I did.

1	Q. And of those photographs that you just
2	reviewed, do they depict what you observed when you did
3	some of that trajectory analysis in the southeast
4	bedroom?
5	A. Yes, it does.
6	MR. SARABIA: At this time the State would
7	like to move State's Exhibits 469 through 479 into
8	evidence.
9	THE COURT: Any objection?
10	MR. MICHAILOS: No, Your Honor.
11	THE COURT: All right. 469 through 479 will
12	be in evidence.
13	Q. (By Mr. Sarabia) And did you assist in doing
14	luminol in that bedroom as well?
15	A. I did.
16	Q. I'm showing you State's Exhibit 480. Do you
17	recognize that?
18	A. I do.
19	Q. And is that what you saw after application of
20	luminol in the southeast bedroom on the second floor?
21	A. Yes, it is.
22	MR. SARABIA: At this time the State would
23	like to move State's Exhibit 480 into evidence.
24	THE COURT: Any objection?
25	MR. MICHAILOS: No, Your Honor.

1	THE COURT: All right. 480 will be in
2	evidence.
3	Q. (By Mr. Sarabia) I'm showing you State's
4	Exhibits 481 and 482 for identification. Did you assist
5	in doing some luminol application in the master bedroom
6	on the second floor?
7	A. Yes, I did.
8	Q. And do those photographs depict what you
9	observed when you did that?
10	A. Yes.
11	MR. SARABIA: At this time the State would
12	like to move State's Exhibits 481 and 482 into
13	evidence.
14	THE COURT: Any objection?
15	MR. MICHAILOS: No, Your Honor.
16	THE COURT: 481 and 482 will be so moved.
17	Q. (By Mr. Sarabia) I'm showing you State's
18	Exhibits 483 and 484. Now, are those from the master
19	bedroom closet after the plywood floor was removed?
20	A. Yes, it is.
21	Q. Fair and accurate depictions?
22	A. Yes, it is.
23	MR. SARABIA: I'd like to move State's
24	Exhibits 483 and 484 into evidence.
25	THE COURT: Any objection?

MR. MICHAILOS: No, Your Honor. 1 THE COURT: All right. 483 and 484 will be in 2 3 evidence. 4 (By Mr. Sarabia) Now I'm showing you State's 5 Exhibits 488 and 489. Did you take some photographs in 6 the living room area of 7719 Hatteras Drive that are 7 depicted in those two photographs? Yes, I did. 8 A. 9 Fair and accurate depictions of what you 10 observed? 11 Yes, it is. Α. 12 MR. SARABIA: At this time the State would 13 like to move State's Exhibits 488 and 489 into 14 evidence. 15 THE COURT: All right. State's 488 and 489 16 will be in evidence. Hold on. Any objection? 17 MR. MICHAILOS: No, Your Honor. 18 THE COURT: Okay. They'll be in evidence. 19 Sorry. 20 (By Mr. Sarabia) All right. Ms. Sulinski, 21 could you tell the jury a little bit about what BLUESTAR 22 and luminol are and why they're used? 23 The luminol and BLUESTAR are Sure thing. 24 pretty much the same thing. There's a couple of 25 different chemical differences. But the reason that we

use it, forensic investigators use it, is to be able to detect trace amounts of blood or blood that's already been cleaned up.

It's a very sensitive type of a chemical. It reacts with one to one million parts of water. So to put that in perspective, it would be about one drop of blood in, say, a 13.2-gallon area.

So this chemical is able to detect one drop of blood in 13.2 gallons of water. So even though it's been diluted or if blood has been cleaned up, we're still able to detect it using this chemical.

- Q. Okay. And when you say "detect it," what does it do in order to allow you to detect it?
- A. It creates a visual reaction. It's a chemical luminescence is what it's called. And it almost is like a glowing, so we'll have to do it in complete darkness. So that's going to be able to help us visualize something that we can't see with the naked eye.
- Q. All right. Were you involved in processing this residence with luminol and/or BLUESTAR in multiple different locations?
  - A. Yes.
- Q. In particular on the bottom floor?
- 24 A. Yes.

25 Q. Now, I want to show you State's Exhibit 490

for identification. Do you recognize that? 1 2 Α. I do. 3 Is that a diagram of the bottom floor of the Q. 4 house? 5 Yes, it is. Α. 6 Now, would you be able for me to highlight or 7 draw on there some of the different areas that you 8 observed on the bottom floor that luminesced after 9 BLUESTAR application? 10 A. Sure. You want me to draw right on this? 11 Yes. Go right ahead. Q. 12 MR. SARABIA: Okay. Judge, at this time the 13 State would like to move State's Exhibit 490 into 14 evidence. 15 THE COURT: Any objection? 16 No, Your Honor. MR. MICHAILOS: 17 THE COURT: All right. 490 will be so moved. 18 (By Mr. Sarabia) I'm showing you State's 19 Exhibit 491. Do you recognize that? 20 I do. Α. 21 Is that a diagram of the top floor of that residence? 22 23 Α. Yes, it is. 24 Were you involved in the application of Q.

luminol and/or BLUESTAR on the top floor of that

1	residence as well?
2	A. Yes, I was.
3	Q. Could you indicate with that blue marker some
4	of the areas that you observed a reaction on the top
5	level of the house?
6	A. The larger areas I just circled.
7	Q. Okay. And I'm going to display these in a
8	moment and ask you to explain your drawing or your
9	highlighting to the jury.
10	MR. SARABIA: At this time, Judge, the State
11	would like to move State's Exhibit 491 into
12	evidence.
13	THE COURT: Any objection?
14	MR. MICHAILOS: Could we just take a look at
15	that real quick, Your Honor?
16	THE COURT: Sure. Do you want to look at 490
17	too? She drew on that one.
18	MR. MICHAILOS: No, Your Honor.
19	MR. SARABIA: Judge, permission to have the
20	witness step down and publish all of the exhibits
21	we've just entered into evidence?
22	THE COURT: Well, hold on. Any objection on
23	491?
24	MR. MICHAILOS: No, Your Honor.
25	THE COURT: Okay. 491 is in. And I have no

objection to her stepping down.

Q. (By Mr. Sarabia) Now, Ms. Sulinski, if you could step down. I'm going to ask you several questions about -- first, I want to start with the east garage.

We've been discussing some photographs up there.

Now, when you first started to process the east garage, there was a silver van in there; is that right?

- A. That's right.
- Q. And was that silver van removed and brought back to the forensics lab, at another location in order to fully process that?
  - A. Yes.

- Q. And then once the van was removed, were you able to more completely process that east garage?
  - A. Yes.
- Q. I'm going to show you what's been entered into evidence as State's 444. And I have a diagram over here, State's 58, of the lower floor. Can you show us where this photograph is located on the diagram?
- A. So this is the east garage. It was in this area right around here (indicating).
- Q. Okay. And you have a PIN marker 7. We've heard a lot of about PIN markers already. Can you describe what that is that we're looking at in that photograph? What are those items?

1 Α. So that yellow marker with the Number 7 on it, 2 we call it a Placement Identification Number, and it's a 3 numbered placard, so we can identify different items of 4 evidence. 5 So that was what was referred to as PIN 7, it's 6 anything in that particular area. So in this particular 7 photograph it's a rug that's been rolled up with some 8 linen items. 9 THE COURT: Ms. Sulinski, you may get the 10 award for speaking faster than Mr. Sarabia, which I 11 didn't know was possible. 12 So I know it's nervous standing out there in 13 the middle nowhere, but my court reporter down 14 here, it's 3:00, and she's getting tired. 15 you've got to speak a little slower. 16 Yes, ma'am. THE WITNESS: 17 THE COURT: Your voice is good. 18 Yes, ma'am. THE WITNESS: 19 THE COURT: But you're talking really fast. A 20 little slower. Okay. 21 Yes, ma'am. THE WITNESS: 22 THE COURT: Thank you. 23 (By Mr. Sarabia) Now, the blanket that we can 24 see pictured there with the qiant stain on it, did you

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collect that?

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- I did.
- And did you enter it into evidence with its own unique number of NS-21?
  - I did.
- And NS-19, black tape from top of rug. Can you show us what that particular unique item is in reference to this photograph?
- I actually don't see it in this. I think it's because of the screen, it very difficult to see.
- Okay. Where would it be located or where would it have been located?
- It would have been around this area, this really dark area right here.
- Q. Okay. And it just appeared to be like electrical tape or how would you describe it?
  - Α. It was like black electrical tape. Yeah.
- Q. I'm displaying State's 445. Can you give the jury an idea what we're looking at in this photograph?
- This is a photograph of that east garage and then it's the corner area. So coming back to this diagram here, it's right here in this corner. That's the corner that we're looking at. So I'm standing right here photographing that way (indicating).
- And this would have been after the silver van Q. was removed obviously?

A. Correct. The silver van that was already
removed back to the forensics office. Right here
there's some yellow spray paint marks on the floor. I
had marked where the tires were to give me an indication
as to where the vehicle was. So that's what those
yellow marks are.

But this up here is a rug that's kind of been balled up with some items inside. Those PIN numbers, those Placement Identification Numbers identifying different items of evidence are on that photograph as well, as well as a handcart there.

- Q. And other than the van being removed, that back corner, is that the way you found it? Had you yet moved any items or looked under any of those items?
- A. No. This is just the photograph once the vehicle was moved.
- Q. Okay. And I'm going to show you State's 446.

  Is that a close-up of that carpet in particular that you were speaking about?
  - A. Yes.

- Q. Now, can you describe for us what happened when you removed that carpet?
- A. Well, what happened when I removed it, I wanted to see what items that were in it. So I laid it out, and there was a bunch of items within that carpet,

- and then I photographed those items.
- Okay. And I want to turn your attention to State's 447. Is that what the area looked like after you removed the carpet and some of those items within it?
- Α. Yes.

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- And it's kind of hard to see on the overhead. What is this item right here?
- Α. It's hard to see in this photograph the way that it's in this, but that's a hacksaw.
  - And what is this item right over here? 0.
- It's one of those portable fold-up chairs like Α. 13 you would take to a sporting event.
  - Q. I'm displaying State's 448. Can you tell us what we are looking at in this photograph?
    - Α. This is that same rug that's been opened up.
  - And is this the rug that had been behind the Q. van?
    - Α. Yes.
  - And are these the items that were within that Q. rug or rolled up in that rug when you opened it up to see what was inside of it?
    - Α. Yes.
- 24 In particular I'm displaying State's 449. Q. 25 This item here, what was it?

- 1 A. That's a pillow.
  - Q. Did it appear to be heavily stained?
    - A. Yes. It was saturated.
    - Q. Did you collect that item and give it the unique number of NS-12?
      - A. I did.

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- Q. I'm showing you State's 450. What is that orange thing in the middle there?
  - A. A door of the Explorer hook.
- Q. Where was that in reference to all the other items?
- A. It was amongst all the items. That's pretty much where it was.
  - Q. Okay. Within that blanket, that brown blanket up there to the upper right that we're looking at, did you collect that item as well?
  - A. I did.
    - Q. Did you enter that into evidence as NS-9?
- 19 A. Yes.
  - Q. I'm displaying State's 451. Can you tell us what we're looking at here?
- A. That's a black trash bag that was filled with some miscellaneous items. This trash bag was found in that rug as well. It was balled up in that in the linens.

1	Q. And was there a trashcan associated with it or
2	was it just a bag?
3	A. No. It was just a black trash bag.
4	Q. Did you go through those items and see what
5	they were?
6	A. I did.
7	Q. I'm now displaying State's 452. Can you tell
8	us what this is a photograph of?
9	A. So this is the black trash bag that you just
10	saw, and these are all the contents of that kind of just
11	layed out so you could see them a little bit better.
12	Q. Within these items, did you observe multiple
13	what appeared to be car chargers for some type of
14	device?
15	A. Yes.
16	Q. And there's a credit card of some sort?
17	A. Yes.
18	Q. And I'm now displaying State's 453. Is that
19	the back of that card that was in that trash bag?
20	A. Yes, it is.
21	Q. And does there appear to be a signature
22	reading Margaret Brown?

Let me turn your attention -- or display 454

in evidence. Can you tell us what we're looking at here

23

24

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Yes.

Q.

and why the wall looks the way that it does?

A. So this is the north wall of that same garage. So coming back to this display here, it's this wall right here is what we're looking at.

And this yellow tape is a measurement device that we use, so it's got increments of one inches. So it's an adhesive type of a sticker scale. So we'll put that up so it will stick to a wall and we're able to see different measurements.

So I put this tape up after I removed these items, these yellow things down here, those PIN numbers, just identifying different items of evidence as well.

- Q. Okay. And the stains on the back there, had you treated them with any type of chemical agent by this time?
  - A. No. Not yet.
- 17 Q. All right. I'm showing you State's 455. Do
  18 you recognize that?
  - A. I do.

- Q. And what is that?
- A. This is one of those stains, just a closer picture of it.
- Q. Okay. This particular sticker scale, is this a sticker scale we observed on the last picture 454?
- 25 A. Yes.

1	Q. Can you point out approximately where that			
2	would be?			
3	A. It's going to be in this section right here.			
4	So it's going to be this stain.			
5	Q. Okay. Now, we've heard about swabs from other			
6	analysts or other forensic technicians. When you take a			
7	swab, can you tell the jury briefly how you do it?			
8	A. Sure. So the sterile swabs that we have look			
9	like giant Q-tips. They're on long wooden sticks and			
10	they come sealed in a sterile package. So we'll remove			
11	those from that sterile package, and we'll do a drop of			
12	distilled water on it if the substance that we're going			
13	to collect is dry, and we're able to take a sample of			
14	that particular substance, we put it back into the			
15	sleeve and then we'll package up that swab together.			
16	Q. Okay. And did you take a swab of that area			
17	labeled B2B?			
18	A. I did.			
19	Q. And did you place that in evidence with its			
20	own unique number NS-39?			
21	A. Yes.			
22	Q. Okay. I'm now displaying 485. Can you tell			

So this is that same wall. The way that I had

separated it was I gave them different numbers. So all

us what we're looking at there?

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the sticker scales are always going to start with a G for garage so I'd be able to identify them, and then each section is like G1, G2, G3.

This particular one starts with G1A, so I would know where on that wall about where it was. So that's what this is a photograph of, it's a stain on that particular wall.

- Q. All right. Thank you. I am going to display State's 486. Can you describe for us -- sorry. I'm trying to orient myself on this one. All right. Can you tell us what we're looking at here?
  - A. I can.

- Q. Let me zoom out so that you can see a little bit better.
- A. So this is that same north wall that we've been talking about before. Those are the sticker scales. And like I was saying before, I have them kind of separated.

So this whole section here is G1 for garage one, this is G2, and then within each section I have A, B, C, D, or whatever else they're labeled. So that's what this is right here.

Q. Okay. I'm now displaying State's 456. Are those close-up photographs of PIN markers 5 and 6 that are visible in one of the earlier photographs that we

- 1 | observed of the east garage?
  - A. Yes, it is.
- Q. Okay. And did you take a swab from the area marked PIN number 5?
  - A. I did.
- Q. In the same manner that you described already that you take swabs?
- 8 | A. Yes.

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- 9 Q. And did you enter that into evidence with its 10 own unique number of NS-18?
- 11 | A. I did.
  - Q. I'm now displaying State's 457. Is that a close-up of the area marked in the other photograph as PIN marker 4?
    - A. Yes.
- Q. Now, do you see a number of stains that appear reddish or brownish in color?
- 18 A. Yes.
  - Q. Can you please kind of show that to the jury, just point that out?
    - A. So all these areas over here.
- Q. And I'm showing you State's 458. Can you tell
  us what we're looking at in State's 458?
- A. So this is a photograph again in the east garage. It's on the other side of the garage. We were

just looking at this wall here. That area there is right here. So that wooden raw door there that you see, that's this door here. And then where that stain is is right here (indicating).

- Q. Okay. And I'm now going to show you or display State's 459. Is that of the same stain?
  - A. Yes.

- Q. Why does it look different in this photograph?
- A. On this particular photograph we see here a white door, and before it was a brown like raw wood door. This door is actually this white door is this one that's been opened. And then the wood door is open here. So when we're looking through at that photograph, we're actually seeing this door here (indicating). So it's not the same door.
- Q. Well, and also the stain itself, had it been treated by this point?
- A. Yes. I had used that chemical on that to enhance the latent print on it.
  - Q. Okay. And what chemical agent did you use?
  - A. Ninhydrin.
- Q. And going back to State's 458, NS-28, drywall sheet from garage. Can you tell us what is NS-28 exactly and how was it collected?
  - A. I actually just cut out the entire portion of

the drywall.

- Q. And can you show us on the diagram where that would coordinate to?
  - A. That's this same area here (indicating).
- Q. And were there areas of interest on both the south side and the north side of this particular piece of drywall?
  - A. Yes.
- Q. Now, you described for us a little bit about luminol a few moments ago. And I'm going to display State's 490. Can you tell the jury, kind of walk the jury through what your notations on this diagram mean?
- A. So the areas that we processed and had a reaction with the luminol, the areas that I circled were the larger areas. I didn't want to just have to color the whole thing in. So these areas are the areas that created a reaction, as well as this area here, all through here, and then the landing of the stairs.
- Q. Okay. And in particular I want to talk about right now this area on the side of this diagram. I'm going to show you two photographs. Are these before the lights are off and after the lights are off photographs of your application of luminol?
  - A. Yes.
  - Q. And I guess here we're seeing the challenge of

- photographing luminol. Do you see some areas that are luminescing in this particular photograph? I'm trying to focus that. Do you see those areas?
  - A. I do.

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- Q. Can you point them out for the jury, please?
- A. So these areas were -- they appeared to be bare footprints.
  - Q. So again this would be before the lights were turned out?
    - A. Correct.
- Q. And just so that we're all clear. This item up here, was that the mattress being packaged and collected by you guys?
  - A. That's correct.
  - Q. Okay. I'm displaying State's 462. Can you tell the jury what we're looking at in this photograph?
  - A. This is a photograph of the door that's been processed.
  - Q. And where on the diagram to your left does this door appear?
    - A. (Indicating).
  - Q. Okay. And, I'm sorry, what did you use to process this door?
- A. This door was processed utilizing a chemical called Hungarian Red.

- Q. And what does Hungarian Red do? What's the purpose of using it?

  A. It helps us enhance any bloodstains, ones to
  - A. It helps us enhance any bloodstains, ones that we can see and ones that we can't see. It's a protein stain. It stains the protein in blood.
  - Q. I'm now going to display State's 463. Is that a close-up of the stain near the door handle of State's 462?
    - A. Yes.

- Q. And that one has a sticker scale labeled "First Floor, Center A"?
  - A. Yes.
- Q. I believe we've already heard some testimony this wall was taken by somebody else in that area. But 464, is that that same door and doorframe of the door we were just looking at in State's 462?
- 17 A. Yes.
  - Q. And this area over here, is that an area that was enhanced using Hungarian Red?
    - A. That's correct.
  - Q. I'm going to show you two photographs,

    State's 465 and 466. Are these lights on and lights off

    photographs of the stairwell, bottom part of the

    stairwell of 7719 Hatteras Drive?
- 25 A. Yes.

- Q. And the second one, the dark one, is that the area that luminesced?
  - A. Yes.

- Q. Does that show the area that luminesced?
- A. Yeah. But, see, I didn't move the camera at all. So this is with the lights on and that's with the lights off.
  - Q. Okay. And in that same stairwell -- well, I'm displaying State's 467. There's this doorway up here.

    Can you show us on this diagram where this doorway coordinates to?
    - A. This is that same door here.
  - Q. Okay. And is 467 and 468 similar photographs in that one has the lights on, one has a light off after luminol application?
    - A. That's correct.
  - Q. Since we're talking about luminol, I'm going to display State's 491. Can you describe for the jury what your notations mean on this item?
  - A. So this is the upstairs portion. The same areas where I did a circle. This was a larger area that created a reaction. This hallway area; this here was along the wall and on the floor as well, right in front of the stairs; and then in this area as well, the master bedroom.

Q.	Okay.	Starting in	the master	bedroom,	can you
describe	on the	diagram to yo	our left wh	at area w	e're
looking a	at here?	And, I'm so	orry, I'm g	oing to h	ave to
give you	the top	of the diagr	ram first.	I'm goin	g to
  display S	State's	59.			

A. So it's going to be this is the master bedroom. So it's this area in here.

- Q. And I'm now going to display State's 482. Where would that area be?
  - A. This is the curved wall here (indicating).
- Q. Moving into the southeast bedroom, which we've been referring to as Megan's bedroom. I'm going to display State's 480. I'm not sure how this -- it's probably not going to come out too well on the overhead.

Can you describe what we're looking at -- no, that's not going to look too good. Is this that brown piece of furniture, the three-shelf piece of furniture in the southeast bedroom?

- A. I can't really see.
- Q. I'm going to show you the photograph up close.

  If you can hold that up and show the jury and just explain to the jury what they're looking at?
  - A. So this is a window.
- Q. Is that the window on the east wall of room A, the southeast bedroom?

A. Yes. This will be the east wall. So the front of the house is this way. And then there is a wooden dresser right here. So a window and then the dresser is there. It's the window area and then the dresser is in this area. The window and then the dresser right there (indicating).

- Q. Now, you indicated earlier that you did some trajectory analysis in that bedroom, the southeast bedroom. How do you go about doing that?
- A. So the trajectory, it's an analysis that we do, and basically it is going to allow us to check the path from when the projectile leaves the muzzle of the gun and then it hits whatever the target is.

So the way that we do that is we insert metal trajectory rods so they don't bend at all, and we're able to insert those into whatever the hole is in the wall, and it's going to give us an angle of where the bullet came in from.

- Q. I'm going to display State's 469. If you could explain to the jury what we're looking at in this photograph?
- A. Sure. This is in this bedroom here and it's along this wall here (indicating).
- Q. Okay. So this is a photograph taken from the general area of the door into the bedroom looking south?

1 | A. Yes.

- Q. And can you explain what's going on with that rod right there?
- A. This is that metal trajectory rod that I was talking about. So that's actually inserted into where the defect is in the wall, and it's going to go give us an angle as to the trajectory path.
- Q. And that particular hole in the wall, did it go all the way through the wall?
  - A. Yes.
- Q. And I'm displaying State's 470. Is that a photograph looking straight at the hole as the rod is inserted in it?
  - A. Yes.
- Q. Can you tell us on 471, what we are looking at in this photograph?
- A. So this is a photograph of that same wall but it's looking directly down, and then we use a protractor to show this is going to be your horizontal angle. So if on the wall it will show which way the bullet came from. So that's what this is showing. So this is the wall here and then that's the angle. So we have a rough idea about the angle it came in from.
- Q. I'm displaying State's 472. Can you describe what we're looking at there?

- A. So this is a photograph of that same area, that same wall, just showing the way that the -- the trajectory rod, the projectile.
- Q. And we're looking south of the southern window of that bedroom?
  - A. Yes.

- Q. I'm now displaying State's 472. Can you tell us what we're looking at there?
- A. This is another way to do the trajectory is to use a laser light. The trajectory rod is just based on the weight. After a while they're going to bend a little bit.

So sometimes we'll utilize just the one trajectory rod and we'll put a laser light on the end of it and then that way it will create a nice straight line. So that's what that photograph is of.

It's daytime in here as well, as you can see, so I had -- the windows were covered up just so we could visualize that laser light a little bit better.

- Q. All right. I'm going to display State's 474. Coming back to the rod. I guess is this a straight on view of that wall when the trajectory rod was placed in there?
- A. I was off just a little bit. It's not a direct straight on.

- Q. Okay. But was that being attempted to be kind of a straight on to the direction of travel?
  - A. Yeah. I just take a lot of different photographs so you can see it from all different angles.
  - Q. Okay. And I'm displaying State's 475. Is that a similar photograph using the other method that you described?
    - A. Yes, it is.
  - Q. So we're looking at the west direction more or less with this photograph?
  - A. Yes.

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- 12 Q. I'm now displaying State's 476. Is this 13 looking south in that same bedroom?
- 14 | A. Yes.
  - Q. And do you recall approximately how high off the ground that bullet hole was?
- 17 A. It was about four-foot high.
  - Q. And I'm now displaying State's 477. Can you tell us what we're looking at there?
  - A. So this is -- I'm looking at, this is the east wall here. So this is going from where the laser light is shooting towards the east wall, and that's just a photograph of it.
- Q. And now I'm displaying State's 478. Can you tell us what we're looking at in this photograph?

- A. That's a photograph after the bullet hole was removed.
  - Q. And the drywall was removed with the bullet hole in it?
    - A. Yes.

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- Q. And was there a corresponding hole behind the drywall?
  - A. What do you mean corresponding hole behind?
  - Q. Is there a hole in something that appears beyond the drywall?
- 11 A. Yes. This is the interior of the house. It
  12 went through the interior drywall, out through the
  13 exterior of the house.
  - Q. Okay. And I'm displaying State's 479. Is this a close-up of that hole?
    - A. Yes, it is.
  - Q. Now, I want to ask you about State's 164, that's previously been entered into evidence. This stain on the plywood floor of that southeast bedroom, was that actually removed and did you collect that in evidence?
  - A. Yes, I did.
- Q. Did you enter that into evidence as NS-65?
- 24 A. Yes.
- 25 Q. And similarly I'm displaying State's 215, a

- photograph of the stain in the master bedroom closet. 1 2 Was that plywood section also removed? 3
  - Yes, it was. Α.
  - Q. And did you collect that?
  - I did. Α.
  - And did you enter that into evidence as NS-64? Q.
- 7 Α. Yes.

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- I'm redisplaying State's 477. I don't recall Q. 9 asking you. How high off the ground did that laser hit 10 on the opposite wall?
  - It was about two feet high. Α.
    - All right. Back to reorient ourselves, I'm Q. displaying State's 415 again, the plywood from the master closet.
    - I'm now going to show you State's 483. Now, was that a photograph taken after the plywood in the master closet was removed?
    - Α. Yes.
    - And did you notice anything -- I'm displaying Q. State's 484 -- on the wood underneath that plywood?
    - The wood was saturated with a Α. Yeah. substance.
    - Turning your attention to the living room. I'm displaying State's 488. Is that the coffee table in the living room?

1	A. Yes.
2	Q. And within the coffee table, did you find some
3	documents that would correspond to a TV?
4	A. Yes.
5	Q. Was there a TV in there?
6	A. Not in the living room.
7	Q. And I'm displaying State's 489. Is this an
8	item that you photographed in the south, I guess the
9	south center east corner of the living room?
10	A. Yes.
11	Q. A Bose speaker?
12	A. Yes.
13	MR. SARABIA: Judge, if I can have just a
14	moment?
15	THE COURT: You may.
16	MR. SARABIA: I don't have any more questions
17	for Ms. Sulinski.
18	THE COURT: Ms. Sulinski, if you want to go
19	ahead and have a seat in the witness stand and
20	we'll see if they have any cross for you.
21	All right. Defense, any cross?
22	MR. MICHAILOS: Yes, Your Honor. Just a
23	couple of questions.
24	THE COURT: Okay.
25	

1	CROSS-EXAMINATION			
2	BY MR. MICHAILOS:			
3	Q. Good afternoon, ma'am.			
4	A. Hello.			
5	THE COURT: Oh, we would have left them up if			
6	we needed it.			
7	MR. MICHAILOS: Oh, it's just a quick			
8	reference, Judge.			
9	THE COURT: Okay.			
10	Q. (By Mr. Michailos) With regard to the hole in			
11	room A, you said approximately four feet from the			
12	ground. It was actually 46 inches to be exact, right?			
13	A. I have to refer to my notes, but it was about			
14	four feet high.			
15	Q. Do you want to do that for us so we can be			
16	exact?			
17	A. Sure. Forty-six inches from the floor.			
18	Q. And then am I correct in assuming that you			
19	also measured the hole from the outside?			
20	A. Can you rephrase?			
21	Q. The hole went through and through the wall,			
22	right?			
23	A. That is correct.			
24	Q. And there was a hole in the exterior side of			
25	the southeastern room, right, on the west side, correct?			

- A. On the exterior of the home? Is that what you're talking about?
  - Q. Right. The same hole on the outside where the staircase was, there was a measurement to how high that hole was, correct?
    - A. Yes.

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- Q. And that was five feet, ten inches, right?
- A. I'm not sure if I did the measurements on that. Oh, I did. Let's see. It says 54 inches high from the exterior step.
  - Q. Fifty-four inches high?
- 12 A. Correct.
  - Q. And is that because you measured from one of the lower steps as opposed to the landing on the staircase?
  - A. Correct.
  - Q. Okay. And with regard to the master bedroom, there was a bullet hole or an apparent bullet hole through corner B, as you walk into the master bedroom to the right, correct?
    - A. Yes.
- Q. Did you get a measurement for that, how high it was from the ground?
- 24 | A. I did.
- 25 Q. And your measurement was approximately five

feet? 1 2 It was approximately five feet, five inches. 3 Five feet, five inches? Q. 4 Α. I can give you the exact measurements, if 5 you'd like. 6 Do you have those? Okay. If you have them. Q. 7 Five feet, five inches. 8 Q. Okay. Great. 9 And finally, ma'am, you also went to the address at 10 Woodchuck Way, right? 11 Α. Yes. 12 And that was Nicholas Leonard's residence, Q. 13 correct? 14 Α. Correct. 15 And that's where you took into evidence some 16 bullets you found? 17 Α. I took some --18 Photographs? 19 I took some photographs of it and I took the 20 ammunition, yes. 21 The ammunition and the Kel-Tec case for the Q. 22 pistol, right? 23 Α. Correct. 24 And while you were there, you searched the 25 house at least peripherally?

1	A. I did photographs of the entire house, yes.
2	Q. All right. And is it true that you found a
3	black kitchen knife underneath the mattress of Nicholas
4	Leonard's bed?
5	A. Yes.
6	MR. MICHAILOS: Just a moment, Judge.
7	Q. (By Mr. Michailos) And in that case, the case
8	was empty, right? The gun was missing, correct?
9	A. The gun case, is that what you're referring
10	to?
11	Q. Yes, ma'am.
12	A. Yeah. The gun case was empty.
13	MR. MICHAILOS: No further questions. Thank
14	you.
15	THE COURT: Any redirect?
16	MR. SARABIA: No Judge.
17	THE COURT: All right. Ma'am, you may step
18	down. Is she released from her subpoena or she'll
19	remain under
20	MR. SARABIA: We ask that she remain on
21	standby.
22	THE COURT: All right. You're released for
23	day, but you remain under subpoena. Okay?
24	THE WITNESS: Yes, ma'am. Thank you.
25	THE COURT: Thank you.
	II

1 All right. Ladies and gentlemen, we're going to take our afternoon break where you actually get 2 3 to leave the courtroom. We'll get your phones back. We'll make it a 5 15-minute break. We'll have you downstairs in the 6 jury pool room at 4:00. And then we'll bring you 7 up and we'll finish up for the day. Okay? 8 No texting, tweeting, blogging or talking 9 about the case. I could just making a recording 10 and push it, but I have to say it. 11 (Jury Absent.) 12 THE BAILIFF: Jurors out of the hearing of the 13 Court, Your Honor. 14 THE COURT: All right. We'll be in recess 15 until 4:00. 16 State, we've got some other witnesses to go? 17 MR. LABRUZZO: Yes, Judge. 18 THE COURT: I'd like to stop before 6:00 and 19 not go past 6:00. So if we could organize our 20 witnesses for that. 21 MR. LABRUZZO: Well, Judge, before 6:00 like 22 5:30, or like before 6:00, 5:55? 23 THE COURT: Before 6:00. Six is a 00. 24 don't care if it's 5:59:59. I promised them we'd 25 be out of here at 6:00, and I want to be out of

1	here at 6:00. Any time before 6:00 is good with
2	me.
3	We'll be in a 15-minute recess.
4	THE BAILIFF: All rise. The Court is in
5	recess.
6	(Recess Taken.)
7	THE COURT: And for the record, everybody is
8	back, including the defendant, the Defense
9	attorney, and the State. The defendant has been
10	here throughout.
11	Are we ready? Is everyone ready?
12	All right. Bring the jury in.
13	THE BAILIFF: Yes, Your Honor.
14	Jury entering the hearing of the Court, Your
15	Honor.
16	THE COURT: Thank you.
17	THE BAILIFF: All jurors present and seated.
18	(Jury Present.)
19	THE COURT: All right. Everybody stretched
20	their legs?
21	THE JURY PANEL: Yes.
22	THE COURT: All right. We're going into the
23	home stretch here. We may even get done before
24	6:00 today I'm told. We'll see how that goes.
25	But everybody follow my instructions? No

1	tweeting, texting or blogging? Yes?
2	THE JURY PANEL: (Indicating.)
3	THE COURT: And we need something. Juror
4	Number 1, yes.
5	JUROR NUMBER 1: Can you make sure my phone is
6	off.
7	THE COURT: All right. State, call your next
8	witness.
9	MR. SARABIA: The State would call Sanjuanita
10	Gonzalez.
11	THE COURT: Sanjuanita Gonzales.
12	MR. SARABIA: Sanjuanita Gonzales.
13	THE COURT: Good afternoon, Ms. Gonzalez. How
14	are you?
15	THE WITNESS: Good. Thank you.
16	THE COURT: If you can step up to the podium.
17	Stop right there. Raise your right hand and be
18	sworn by my clerk.
19	SANJUANITA GONZALEZ,
20	a witness herein, being first duly sworn, was examined
21	and testified as follows:
22	THE COURT: Please have a seat in the witness
23	stand. Speak in a loud and clear voice for me.
24	And I'm adding not too fast for my court reporter
25	this afternoon. Okay?

1	THE WITNESS: Okay.
2	THE COURT: Thank you.
3	State, you may proceed.
4	MR. SARABIA: Thank you, Judge.
5	DIRECT EXAMINATION
6	BY MR. SARABIA:
7	Q. Could you please turn and introduce yourself
8	to the jury.
9	A. I'm Sanjuanita Gonzalez. Forensic
10	investigator for Pasco Sheriff's Office.
11	Q. And how long have you been with the Pasco
12	Sheriff's Office?
13	A. Approximately six years.
14	Q. And were you a forensic investigator back in
15	September of 2014?
16	A. I was.
17	Q. And on September 4th of 2014, did you have
18	occasion to respond to 7719 Hatteras Drive as part of an
19	investigation there?
20	A. I did.
21	Q. I want to ask you a couple of questions about
22	that.
23	As you approached the residence and got into the
24	residence, did you notice any odors?
25	A. I did.

1	Q.	And can you describe what that odor was like
2	for the j	ury?
3	A.	It was a really foul odor as I was coming into
4	the garage	e.
5	Q.	And have you been to death investigations in
6	other sit	uations in your employment?
7	A.	I have.
8	Q.	Have you been to scenes where there were
9	decomposi	ng bodies before?
10	A.	Yes.
11	Q.	Multiple times?
12	A.	Yes.
13	Q.	Are you familiar with that smell?
14	A.	I am.
15	Q.	Was the smell that you smelled coming from
16	7719 Hatte	eras Drive consistent with that decomposing
17	body smel	1?
18	A.	Yes.
19	Q.	And is it a good smell?
20	A.	It's not.
21	Q.	Now, in particular, were you involved in
22	processin	g the silver van that was located in the east
23	garage at	that residence?

A. I was.

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Q. And did you actually have to get up inside of

that van? 1 2 I did. Α. 3 Did the smell get better or worse inside of 4 that van? 5 Α. Worse. 6 Was it an extremely strong smell inside of Q. 7 that van? 8 A. Extremely strong. 9 Q. Was it pleasant to be inside of that van? 10 A. No. 11 Okay. Now, I want to show you what's been Q. 12 entered into evidence as State's 27. Do you recognize 13 that? 14 Α. I do. 15 And what is that? Q. 16 That's the interior of the van. Α. 17 Q. Did you see that item that's there inside of 18 the van? 19 I did. Α. 20 What item is that? Q. 21 A shovel. Α. 22 Q. Now, did you collect that shovel? 23 I did. Α. 24 Did you enter it into evidence? Q.

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Α.

Yes, I did.

MR. SARABIA: Judge, may I approach the 1 witness with an item of evidence? 2 3 THE COURT: You may. MR. SARABIA: And I'm going to show Defense 5 counsel what's been marked as 503 for 6 identification. 7 (By Mr. Sarabia) Ms. Gonzalez, if you can look 8 at State's 503 for identification and tell me if you 9 recognize that? 10 Α. I do. 11 And what is that? 0. 12 Α. It's a shovel. 13 MR. SARABIA: Judge, at this time the State 14 would like to move State's Exhibit 503 into 15 evidence. 16 THE COURT: Any objection? 17 MR. MICHAILOS: No, Your Honor. 18 THE COURT: 503 will be in. 19 (By Mr. Sarabia) And to be clear, this shovel, 20 State's 503, was in that silver van when you guys 21 arrived at 7719 Hatteras Drive? 22 Α. That's correct. 23 If you can please remove that item and display 24 it for the jury? 25 Can I move this chair back? Α.

1 THE COURT: Yes. Absolutely. THE WITNESS: You want it completely out? 2 3 (By Mr. Sarabia) Yes. If you could actually Q. 4 walk it down and hold it up in front of the jury for me. 5 MR. SARABIA: Is it okay if the witness steps 6 down, Judge? 7 THE COURT: Yes. Absolutely. Be careful. 8 (By Mr. Sarabia) And you don't have to take 9 that plastic paper off. 10 And, Ms. Gonzalez, I'm going to walk over and I'm 11 going to hold up State's 262. Would you agree with me 12 that that sticker appears to match the remaining sticker 13 on this particular shovel? 14 Α. It does. 15 MR. SARABIA: For the record, I've previously 16 shown Defense counsel State's Exhibits 492 through 17 502. 18 (By Mr. Sarabia) And, Ms. Gonzalez, I'm 19 showing you State's Exhibits 492 and 493. Do you 20 recognize those? 21 Α. Yes. 22 Q. And what are those? 23 It's photographs of the shovel that I just Α. 24 pulled out. 25 Q. And is the front and back of that shovel as it

1	was when you found it?
2	A. Correct.
3	MR. SARABIA: At this time, Judge, the State
4	would like to move State's Exhibits 492 and 493
5	into evidence.
6	THE COURT: Any objection?
7	MR. MICHAILOS: No, Your Honor.
8	THE COURT: 492 and 493 will be in.
9	Q. (By Mr. Sarabia) And now if you can look at
10	494 through 502 for me and tell me if you recognize
11	those?
12	A. I do recognize these.
13	Q. And are they fair and accurate depictions of
14	what you saw while you were processing that silver van
15	in the area of September 2014?
16	A. Correct.
17	MR. SARABIA: At this time, Judge, the State
18	would like to move State's Exhibits 494 through 502
19	into evidence.
20	THE COURT: Any objection?
21	MR. MICHAILOS: No, Your Honor.
22	THE COURT: 494 through 502 will come into
23	evidence.
24	MR. SARABIA: And, Judge, permission to
25	publish on the big screen and have the witness step

1 down? 2 THE COURT: Certainly. 3 Ms. Gonzalez, after they move the TV over there, I'll have you step down in front of it, but 5 my court reporter is going to stay here. I just 6 ask you to keep your voice up. Okay? 7 THE WITNESS: Okay. 8 THE COURT: Thank you, ma'am. 9 (By Mr. Sarabia) First I'm going to display Q. 10 State's 492. Is that photograph of the back of that 11 shovel when you first collected it? 12 Α. Yes. 13 Now I'm displaying State's 493. Is that 14 photograph of the front of that shovel when you first 15 collected it? 16 That's correct. Α. 17 Q. I'm displaying State's 494. Can you tell us 18 what we're looking in that photograph? 19 That is going to be the driver's floorboard. 20 All right. And what's all this white stuff Q. 21 here on the floorboard? 22 Α. That appears to be dirt. 23 Was it dirt that appeared to be consistent Q. 24 with the dirt that you observed on the shovel? 25 A. That's correct.

- Q. I'm displaying State's 495. Was this taken back at the Pasco forensics building while you were processing the van?

  A. Yes. That's correct.
- Q. And can you tell us what this is a photograph of?
  - A. That's the middle seats of the van. When I originally got the van, the seats were inside the compartment, so I decided to bring them up.
  - Q. And there's a couple of little white things, the reddish-white ones, on the seat there. I'm not sure if you can see it on the overhead.
    - A. These right here (indicating)?
    - Q. Yes. What are those?
    - A. Those were actually maggots.
  - Q. And again down here in that well area, what were those little white things?
- 18 A. Those were maggots as well.
  - Q. Were there a lot of maggots in the vehicle?
    - A. Yes, there were.
  - Q. Can you explain State's 496? Is this photograph a close-up of that well area where the seat would have been folded down?
- 24 | A. Correct.

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25 Q. What are all those white things in there?

- 1 A. Those are actually maggots all throughout.
- Q. I'm displaying State's 497. Is that that same well area from a different angle we were just looking at? I'll show you this one again.
- 5 A. Yes. The same. These are actually maggots 6 again.
  - Q. Okay. So all those little white things that we can see, those are lots and lots of maggots?
    - A. Correct.

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- Q. I'm showing you State's 498. Can you describe what we're looking at here?
- 12 A. This is what I call the cargo area at the rear 13 of the van.
  - Q. And this is after you folded the back seats up?
- 16 A. Correct.
- 17 Q. Because initially were they were folded up or 18 were they down?
- 19 A. All of them were down.
  - Q. I'm displaying State's 499. Is that that same back cargo area?
- 22 A. Yes, it is. All this is.
- Q. And did you observe some staining on the back of that cargo area?
  - A. This area here or the actual inside?

- Q. No. What would be the exterior, I guess? Not the exterior, but this gray area?
  - A. Yes.

- Q. Okay. I'm displaying State's 500. Was this taken while the van was still present inside of the east garage at 7719 Hatteras Drive?
  - A. Yes, it was.
- Q. Okay. And had you placed sticker scales and that measuring tape on it?
  - A. That's correct.
- Q. And did you observe stains on the rear bumper area of this van?
- A. Yes. So these are sticker scales or adhesive scales, those are areas of interest, that I placed there.
  - Q. And I'm displaying State's 501. Is this a close-up of the driver's side rear bumper of that vehicle?
    - A. That's correct.
  - Q. I'm displaying State's 502. Did you do some processing on the rear of that van in order to make some of the stains more visible?
    - A. I did.
- Q. Can you describe the chemical agent that you used in order to do that?

- A. Yes. So this area right here where you see it's darker like a fuchsia color, that is something called Hungarian Red, which is a protean stain, and that's to enhance any ridge detail that I might be able to find within fingerprints or latent fingerprints.
- Q. Now, in particular, I want to ask you about SJG-38, a swab of B-38. I don't believe it's one of the sticker scales pictured in this particular photograph, but can you explain to the jury what area of the van you collected that from?
- A. I'll show it while I'm explaining. So basically it's going to be on this side panel is what I collected, B-38.
- Q. And there was a stain in that area that appeared reddish or brownish in color that could be blood or some sort of decomposition?
  - A. That's correct.

- Q. And so it would have been from this area here?
- A. So it will be up high on this area. It's this side panel on the driver's side cargo area.
- Q. Okay. And when you take a swab, do you do it the same way as the other forensics technicians do in that you take the swab and use water and swab the thing and put it in an individual package?
  - A. Correct. It comes in its own sleeve, I call

it the sleeve, and they're sterile. So I take the swabs out, put distilled water, I swab the area, put it in the same sleeve, I seal it with evidence tape, and then put it in a bag also with evidence tape.

- Q. I'm going to display State's 61. While searching or processing the van, did you notice any areas on the front passenger's side that appeared to be potential bloodstains?
- A. That's correct. All this area here were also documented, and adhesive scales or sticker scales were placed on the areas of interest to be apparent blood.
- Q. I don't have a photograph of that with me here, but fair to say that this area, there were multiple areas like that that you documented or you felt were of interest?
  - A. That's correct.
- Q. And did you do presumptive tests on that area in order to determine whether or not it was blood?
  - A. I did.

- Q. And what kind of presumptive test did you use?
- A. It's called a phenolphthalein test.
- Q. Okay.
- A. It's a presumptive test for blood.
- Q. And I believe we've heard about that through a couple of other witnesses now. But there were areas of

blood on this front passenger's side of the van? 1 Correct. 2 3 All right. You may resume your seat. Q. In that van, did you locate a purse? 5 Α. I did. 6 And approximately where was it? 7 It was in the center console inside. Α. 8 Did you open up that purse and search through 9 that purse? 10 Α. I did. 11 And I want to show you State's 504. I'm going Q. 12 to ask you to open this up and look at it and tell me if 13 you recognize what that is? Do you recognize that? 14 Α. Yes, I do. 15 Q. And what is that? 16 It's a Pennsylvania driver's license. Α. 17 Q. For who? 18 A. For Margaret E. Brown. 19 And where did you find that? Q. 20 A. I found this in the purse. 21 In the purse that was in the silver van? Q. 22 Α. Correct. 23 Judge, at this time the State MR. SARABIA:

would like to move State's Exhibit 504 into

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evidence.

1	THE COURT: Any objection?
2	MR. MICHAILOS: No, Your Honor.
3	THE COURT: All right. 504 will come into
4	evidence.
5	MR. SARABIA: Thank you, Judge.
6	And I don't have any more questions for this
7	witness.
8	THE COURT: Cross?
9	MR. MICHAILOS: We have no questions, Judge.
10	THE COURT: All right. Ma'am, thank you very
11	much. You may step down. You're released for
12	today, but you remain under subpoena. Okay?
13	THE WITNESS: Thank you.
14	THE COURT: Thank you.
15	State, call your next witness.
16	MR. SARABIA: Denice Weigand.
17	THE COURT: All right. Denice Weigand.
18	Good afternoon, Ms. Weigand. If you can step
19	up to the podium for me. Stop right there. Raise
20	your right hand and be sworn by my clerk.
21	DENICE WEIGAND,
22	a witness herein, being first duly sworn, was examined
23	and testified as follows:
24	THE COURT: All right. Please have a seat in
25	the witness stand. Speak in a loud and clear voice
	II.

1 for me. 2 THE WITNESS: Thank you. 3 State, you may proceed. THE COURT: 4 MR. LAWHORNE: Thank you. Counsel. 5 DIRECT EXAMINATION 6 BY MR. LAWHORNE: 7 0. Good afternoon. 8 Α. Good afternoon. 9 Q. Would you please introduce yourself to the 10 jury, and will you spell your first and last name for 11 the court reporter. 12 My name is Denice Weigand. The spelling of my 13 name is Denice, D-e-n-i-c-e. Last name Weigand, 14 W-e-i-g-a-n-d. 15 Q. Thank you. 16 Now, in August and September of 2014, where were 17 you employed? 18 Pasco County Sheriff's Office. Α. 19 Q. And what was your role at the Sheriff's 20 Office? 21 Α. Forensic investigator. 22 Q. When did you start working there? 23 I started working at the Sheriff's Office Α. 24 July 3rd of 1986. 25 Q. And when did you stop working there,

approximately? 1 2 Until June of 2016. Α. 3 And you're currently retired? Q. Α. Yes. 5 Congratulations. Q. 6 Α. Thank you. 7 Now, your job you said was forensic Q. 8 investigator? 9 Α. Yes. 10 Q. Your job was as the same or very similar to 11 that of Sue Miller, Michael Coats, Nancy Sulinski, 12 Sanjuanita Gonzalez? 13 Α. Yes. 14 Q. And would you give us a very brief description of what that is? 15 16 As a forensic investigator, it's a Α. 17 multifaceted job, one of things we do is respond to 18 crime scenes to document, collect and preserve evidence. 19 Now, let's talk about some of your involvement Q. 20 with the crime scene associated with 7719 Hatteras 21 Drive. Now, did you respond to the scene where the pile 22 of bodies was located? 23 Yes, I did. Α.

And approximately where is that in relation to

25 7719 Hatteras Drive?

Q.

1	A.	It's on Old Dixie Highway, which is
2	approximat	ely one mile north of the intersection of
3	Hatteras a	and Old Dixie.
4	Q.	Now, when you got to that scene, did you
5	notice a s	smell?
6	A.	Yes, I did.
7	Q.	And what was that smell?
8	A.	The smell was that of dead, rotting human
9	flesh and	organs.
10	Q.	Is that a unique or distinctive smell?
11	A.	It's very distinctive.
12	Q.	And how would you describe that?
13	A.	It's a strong, offensive, putrid smell.
14	Q.	And was it immediately recognizable?
15	A.	Yes, sir.
16	Q.	Is that a smell you smelled before?
17	A.	Yes.
18	Q.	And is it a smell that can be mistaken for
19	anything c	other than that?
20	A.	No.
21	Q.	So once you got to the scene, I know you did
22	multiple t	chings while you were out there, but let's talk

about one thing that hasn't yet been discussed from

other witnesses. So I want to talk to you about taking

fingerprints from the bodies. So what happened as far

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as that goes? What was your involvement in that?

- A. As the Medical Examiner arrived, they take control of the bodies. The bodies were moved to a sheet where they're photographed and they can be processed for possible evidence to include rolling of fingerprints.
- Q. Now, the rolling of the prints, is that something you did by yourself or did you do that in conjunction with other forensic investigators?
  - A. Along with other investigators.
- Q. Now, did you all take fingerprints of Nicholas Leonard, one of the male bodies out there?
  - A. Yes, we did.

- Q. And did you also do what's called a palm standard of that body?
  - A. I believe so, yes.
  - Q. And what is a palm standard?
- A. A palm standard is similar to rolling of the fingerprints where you either put powder or ink on it and get basically what their prints look like for comparison purposes.
- Q. Is it what might commonly be called a palm print?
  - A. Yes.
- Q. Okay. And did you submit those prints into evidence as 178DW-1?

1	A.	Yes.
2	Q.	Now, did you also take a fingerprint and palm
3	standard	of Megan, Megan Brown?
4	A.	Yes. Fingerprints were taken of Megan Brown.
5	Q.	And did you also take a palm standard as well?
6	A.	Yes.
7	Q.	And did you submit that into evidence as
8	178DW-2?	
9	A.	Yes.
10	Q.	And did you do the same thing for Margaret
11	Brown?	
12	A.	Yes.
13	Q.	And again did you submit that into evidence as
14	178DW-3?	
15	A.	Yes.
16	Q.	And the DW in those names, that's just your
17	initials?	
18	A.	Yes, it is.
19	Q.	Just to indicate that you're the one who
20	introduce	ed them into evidence?
21	A.	Yes.
22	Q.	And that would have been the 178th thing that
23	you perso	onally introduced related to this case?
24	A.	Yes.
25	Q.	Okay. Now, let's move ahead I'm sorry.

- 1 What day was that that you went out there?
- A. That I responded to that, I believe it was

  September 4th.
  - Q. Okay. Of 2014?
  - A. Yes, sir.

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- Q. Now, let's skip ahead to September 6th of 2014. Did you respond to 7239 Hatteras Drive?
  - A. Yes, I did.
  - Q. And while you're out there, did you process that scene?
- 11 A. Yes, I did.
- Q. And what were you looking for on that scene?What was your goal there?
- A. That scene was at the end of Hatteras Drive.

  I believe that was the residence that a canoe was taken from.
  - Q. When you say the end of it, you mean the water end of the street as opposed to the Old Dixie Highway end of the road?
    - A. Yes.
- 21 Q. Okay. And while you were out there, did you 22 take a photograph?
- 23 A. Yes, I did.
- MR. LAWHORNE: Your Honor, may I approach the witness?

1	THE COURT: You may.
2	MR. LAWHORNE: I'm showing her what has been
3	marked for identification purposes as 505. And I
4	have already shown Defense.
5	Q. (By Mr. Lawhorne) Without showing the jury,
6	can you tell us what this is?
7	A. This is the west end of Hatteras Drive where
8	the canoe was taken from, and that is the, I believe,
9	north end of Almond Drive where it was found.
10	Q. And is this a true and accurate representation
11	of what you observed that day?
12	A. Yes, it is.
13	MR. LAWHORNE: Your Honor, at this time we'd
14	like to introduce this into evidence as
15	State's 505.
16	THE COURT: Any objection?
17	MR. MICHAILOS: No, Your Honor.
18	THE COURT: All right. 505 will come in.
19	MR. LAWHORNE: And may I publish?
20	THE COURT: You may.
21	Q. (By Mr. Lawhorne) Now, the green grassy area
22	in the photo, is that the Hatteras Drive side?
23	A. Yes.
24	Q. Let's move ahead one day to September 7th. On
25	the 7th, did you go to 7719 Hatteras Drive?

1 A. Yes, I did.

- Q. And while you were out there, did you process the RV that was parked in front of the residence?
  - A. Yes, I did.
  - Q. And during that processing, did you go inside of it?
    - A. Yes, I did.
    - Q. And did you do the typical thorough forensic processing of the scene?
      - A. Yes.
    - Q. And did you find anything noteworthy about the RV either on the inside or on the outside?
    - A. No, sir.
    - Q. And let's skip ahead again to September 11th of 2014. On that day, did you go to the Sheriff's Office maintenance garage and process a blue F150 with license plate 244JJN?
      - A. Yes, I did.
    - Q. And while you were out there, did you take a swab from the steering wheel cover of that truck?
      - A. Yes.
    - Q. And I'm assuming when you say a swab, you used the same process that the other forensic technicians used of getting a large sterile Q-tip, wetting the Q-tip or wetting the surface and taking a sample and then

- 1 resealing it in that bag?
- A. Actually, the whole steering wheel cover was taken off and taken into evidence.
  - Q. Okay. And did you do a swab from the driver's side interior door handle?
    - A. Yes, I did.
  - Q. And that swab from the door handle, was that introduced as 54DW?
    - A. Yes.

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- Q. And, I'm sorry, going back to the steering wheel, was that introduced into evidence as 52DW?
- 12 A. Yes, sir.
  - Q. Now, did you also do a swab from the gear shift lever of that same truck?
    - A. Yes, I did.
      - Q. And did you enter that into evidence as 66DW?
- 17 | A. Yes, sir.
- 18 Q. And did you do a swab from the glove box latch
  19 of that same truck?
  - A. Yes, I did.
  - Q. And was that introduced as ADDW?
- 22 A. Yes, sir.
- Q. Now, while you were processing the truck, did
  you come into contact with a wallet in the center
  console?

- 1 A. There was a wallet in the center console, yes.
  - Q. Did you look inside that wallet?
  - A. Yes, I did.

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- Q. And did the wallet contain identification and cards that appeared to belong to a Nicholas Leonard?
  - A. Yes, sir.
- Q. And let's go to September 8th now of 2014. On September 8th, 2014, did you come into contact with Adam Matos?
  - A. Yes, I did.
- Q. And when you came into contact with Mr. Matos, did you take a buccal or buccal swab from him?
  - A. Yes, I did.
    - Q. Would you please tell the jury what that is.
- A. A buccal or a buccal swab is actually a sterile cotton swab that comes medically packaged. It is opened and it is rubbed on the inside of the cheek or mouth to collect skin cells, DNA cells, DNA samples.
- Q. And that is entered into your Sheriff's Office evidence for later testing or comparison's sake?
  - A. Yes, sir.
- Q. And did you introduce that into the Sheriff's Office evidence as 1DW?
  - A. Yes, sir.
- 25 Q. Did you also get fingerprint and palm

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standards of Adam Matos?
 1
 2
               Yes, I did.
 3
               And again a palm standard is essentially a
          Q.
    palm print?
 4
 5
          Α.
               Yes, sir.
 6
               Did you put that into evidence as 2DW?
          Q.
 7
          A.
               Yes, I did.
               Did you also take toenail clippings from Adam
 8
          Q.
 9
    Matos?
10
          Α.
               Yes, I did.
11
               From his right foot, did you introduce those
          Q.
12
     as 4DW?
13
               Yes, sir.
          Α.
14
          Q.
               And from his left, were those 5DW?
15
               Yes, sir.
          Α.
16
               Did you swab his toes, right toes and left
          Q.
17
     foot of Adam Matos?
18
          Α.
               Yes, sir.
19
               And was that introduced as 6DW?
          Q.
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               Yes, sir.
          Α.
21
               And did you swab the fingernails of Adam
          Q.
22
    Matos?
23
               Yes, sir.
          Α.
24
               And was that introduced into your evidence as
          Q.
25
    7DW?
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1	A.	Yes, sir.
2	Q.	And did you do fingernail scrapings from Adam
3	Matos?	
4	A.	Yes, I did.
5	Q.	And did you put those into your evidence as
6	8DW?	
7	A.	Yes, sir.
8	Q.	And do you see Adam Matos in the courtroom
9	today?	
10	A.	Yes, sir.
11	Q.	Could you please point to him and identify him
12	by an art	icle of clothing that he's wearing?
13	A.	It would be the gentleman in the blue shirt
14	with the	blue suit.
15	Q.	Is he at the end of the table there, the last
16	one?	
17	A.	Yes, sir.
18		MR. LAWHORNE: Your Honor, may the record
19	refl	ect that she has identified the defendant?
20		THE COURT: It will so reflect.
21		MR. LAWHORNE: Your Honor, may I have just one
22	seco	ond?
23		THE COURT: You may.
24		MR. LAWHORNE: Thank you, ma'am.
25		We have no further questions right now.

1	THE COURT: Cross for Ms. Weigand?
2	MR. MICHAILOS: Yes, Your Honor.
3	CROSS-EXAMINATION
4	BY MR. MICHAILOS:
5	Q. Ms. Weigand, on September 5th of 2014, did you
6	have occasion to go to 12721 Woodchuck Way in Hudson?
7	A. Yes, I did.
8	Q. Is that Nicholas Leonard's residence?
9	A. Yes.
10	Q. And did you find a knife under his mattress?
11	A. Yes.
12	Q. Did you also find a pink nightgown hanging in
13	his bedroom?
14	MR. LABRUZZO: Judge, objection as to
15	relevance.
16	THE COURT: Approach.
17	(Bench Conference.)
18	THE COURT: I have no problem with the knife.
19	You brought that up before and they didn't object.
20	But what's the nightgown have to do with anything?
21	Nothing happened in this house.
22	MR. MICHAILOS: It's going to show the
23	relationship with Mr. Leonard to Megan Brown.
24	MR. LAWHORNE: It's also beyond the scope of
25	what we questioned her about. We did not mention

that particular search or that day.

THE COURT: Okay. Well, I guess you could call her. But if you are going to call her and it's going to be in anyway, I don't know why you would do that. But how do we know it's Megan Brown's nightgown?

MR. MICHAILOS: Well, I don't know. From this witness, Judge, I just want to put on the record that the nightgown was there. It's the last question I have for her.

THE COURT: But my question is is there a witness who's going to say that for sure that's Megan Brown's nightgown or do you have a pink nightgown in the house?

MR. MICHAILOS: I don't have any witness for sure, there's nothing that's for sure, but I think the circumstantial evidence it's Megan Brown's nightgown.

THE COURT: How is it circumstantial, because you say so?

MR. MICHAILOS: No. Because the State has listed several witnesses, one of which is Michael Unsworth, who was a friend of Nicholas Leonard, who confirms that they were dating during this period of time and that Mr. Leonard hadn't been on a date

1 with a girl in sometime and he was elated that he 2 was dating Megan during this period of time, so he 3 can stablish through circumstantial evidence that it was Megan's nightgown. 5 We're not asking this witness if it's Megan's 6 I'm just asking if there was a 7 nightgown. THE COURT: But it doesn't sound like you can 8 9 prove that it was Megan's nightgown. Just because 10 he was dating somebody doesn't mean that it's her 11 nightgown. It could have been the nightgown of his 12 mother's for all you know. So it's outside the 13 scope. It's not relevant at this time. So I'll 14 sustain the objection. 15 (Open Court.) 16 The objection is sustained. 17 MR. MICHAILOS: I have no further questions, 18 Your Honor. 19 Thank you, ma'am. 20 THE COURT: Any redirect? 21 MR. LAWHORNE: No, Your Honor. 22 THE COURT: Ms. Weigand, thank you very much, 23 You may step down. You are released for 24 today but not from your subpoena. Okay?

THE WITNESS: Thank you, ma'am.

1	THE COURT: All right. State, call your next
2	witness.
3	MR. LABRUZZO: Yes, Your Honor. The State
4	would call Steven Stark.
5	THE COURT: Good afternoon, Mr. Stark. If you
6	want to step up to my podium for me. Stop right
7	there. Raise your right hand to be sworn by my
8	clerk.
9	STEVEN STARK,
10	a witness herein, being first duly sworn, was examined
11	and testified as follows:
12	THE COURT: Please have a seat in the witness
13	stand. And speak in a loud and clear voice for me.
14	Okay? Thank you, sir. He's not going to need
15	those?
16	MR. LABRUZZO: No.
17	THE COURT: State, you may proceed.
18	MR. LABRUZZO: Thank you, Your Honor.
19	DIRECT EXAMINATION
20	BY MR. LABRUZZO:
21	Q. Good afternoon, sir. Could you please turn to
22	the ladies and gentlemen of the jury and introduce
23	yourself by stating your name.
24	A. My name is Steven P. Stark.
25	Q. And, Mr. Stark, where do you work?

- A. I work for the Florida Department of Law
  Enforcement at the Tampa Regional Crime Laboratory.
  - Q. All right. The Florida Department of Law Enforcement is a state agency, correct?
    - A. Yes.

- Q. And sometimes goes by the acronym of FDLE; is that correct?
  - A. Yes.
- Q. Can you explain to the jury what FDLE is and does?
- A. We're a state agency that basically we support or analyze or give expert witnesses or I work in the forensic part of it. So we analyze any evidence that local agencies might have, they submit for different analysis chemistry, serology, DNA, latent print work, that's the field I'm in, firearms identification and then we report our findings back to these agencies. So we're like a support agency for local law enforcement.
- Q. Okay. And does FDLE have a relationship as a support agency to the Pasco County Sheriff's Office?
  - A. Yes.
- Q. So if a forensic investigator is on scene and collects a piece of evidence and for the purposes of having it analyzed later, they would submit it to you guys for analytical work?

- A. Yes. That's correct.
- Q. And just so that we're clear, because we've met a bunch of forensic investigators today, your role is not to go to the scene to collect the evidence? It's collected and then it's submitted to you for work?
  - A. Yes.

- Q. All right. You mentioned that you work in a particular section. What section do you work in?
  - A. I work in the latent print section.
  - Q. And what is the latent print section?
- A. We analyze evidence for the presence or development of any latent prints. And then if any latent prints are developed, we can then compare them to the known ink standards of individuals and determine if they were made by the same person.
- Q. Okay. And what does the term "latent" mean when we speak about latent prints?
- A. A latent print is basically a hidden print that you can't normally see. It's something that needs to be processed or developed so you can see it and photograph the recovery.
- Q. All right. And we'll talk a little bit about that in a second.
- But can you tell this jury a little bit about your background and education that allows you to work in the

latent print section?

A. My background, I have approximately 35 years in the latent print crime scene discipline. I started with the Tampa Police Department in 1981 as a crime scene investigator. I processed scenes for evidence. I processed for latent prints. I later became a latent print examiner.

And then in 1987, I was hired by the Florida

Department of Law Enforcement as a latent print

examiner, and I also did crime scene work for them. So

approximately 30 years with the State of Florida,

Florida Department of Law Enforcement as a latent print

examiner.

- Q. Okay. And how does one transition from the collection to being in the laboratory doing the analytical work? How is it that you became to --
- A. Basically you learn about fingerprints. You attend numerous courses. I've attended FBI sponsored courses. I went to the FBI academy. It's kind of a progressive type of knowledge, learning, on-the-job training-type.
- Q. I imagine that if you were to go to college today, they don't have courses or a degree in latent print work? It's kind of like you said, you have to develop the skill over time?

A. Correct. Yeah. They do have courses that
explain it or kind of describe bookwork of what a latent
print examiner does. But normally it's looking at
fingerprints daily, learning particular, you know,
identifying marks.

So it's a long-term type of training. Our training program takes approximately a year, 18 months for a person to just start training in latent print work just to learn how to become a latent print examiner.

- Q. All right. And is there any ongoing education as it relates to latent print work, if there's a new technology or if something new is developed in the field, that you can learn about it?
  - A. Yes.

- Q. Do you participate in those and go to those?
- A. There's periodicals. There's yearly training.

  There's like conferences put on by different

  professional organizations. There's an organization

  called Identification -- I can't think of it right now.

  International Association of Identification.
  - Q. All right.
- A. It's a professional organization that you can attend. And they send out monthly or periodicals about latest technology and interesting casework.
  - Q. And you stay current with that type of stuff?

A. Yes. I try to, yes.

- Q. All right. Let's talk a little bit about the actual latent print work. You mentioned that you have a background in the forensic collection. Can you describe for this jury a little bit about what you would do to develop or process a scene to develop a print?
- A. To develop a print, first you have to determine what type of surface you're trying to process for a print, if it's a hard smooth surface.

At a scene it's normally just basic black powder dusting of a print to try to develop it. But in the laboratory we have a little bit more structured step-by-step process where the actual item is first visually looked at, and then we have chemicals we could add to try to develop a print, then dye stains could be possibly used, and then powder would be the last resort on a hard surface.

Paper items are a little bit different. There are chemicals are used because the actual print is actually absorbed into the paper because it's porous. So it depends on the surface what you're going to do to try to process or develop a print.

- Q. Okay. What actually makes up a print? Like what is the actual print made of?
  - A. Well, basically you have to have a substance

on your hands. You have friction ridges on your hands, palm side of your hands; so you have to have a substance on there to make a transfer on an item.

Most the times it's just basically perspiration or sweat. Normally if a person has moist hands, they can touch an item and leave a transfer of a latent, of a fingerprint onto an item.

- Q. How about if there's another substance, another liquid, blood or dirt or some other substance on the hand, could it leave a print?
- A. That's another way to transfer a print. If there's an oily substance, a blood, an ink, dirt, you know, that type can transfer a print impression onto an item.
- Q. You kind of mentioned in your description not only there has to be something on the hand or the fingers that are going to leave the print, but also the actual item where the print is to be left, a smooth surface, a wall, paper. How does the actual surface affect the ability to leave a print?
- A. If it's a smooth hard surface, it's more likely to leave a nice print on it. If it's a raised rough surface, the texture of it might not cause a nice print to be left onto it.

A lot of items are made not to have prints left on

them. If it's a rubber-type surface or, you know, a very textured-type item, it's very hard. Or if the item is very flexible, if it's a plastic bag or something that crinkles up real easily, a print might not lay or stay on the item, it might be all broken up into different pieces.

- Q. And how does the manner in which the print is left affect the way the print can be found? For example, if I were to walk over here and very nicely touch my finger to this, would that leave a good print?
- A. That's a deliberate-type pressure put onto an item, that normally would leave a good print.
- Q. That would be best case scenario, I would imagine?
  - A. Yes.

- Q. If an item like a finger were to come in contact with the surface and then move along the surface, could that affect a print?
  - A. Yes.
- Q. Could the amount of force that's applied affect a print?
  - A. Yes.
- Q. Okay. How about environmental conditions, can they affect a print?
- 25 A. Yes.

- Talking about heat, humidity, I guess cold, 1 0. 2 can those things also affect a print?
  - Yes, it can. Α.

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- Q. Would water affect a print?
- Α. It would wash it away, yes. Yes.
- And this is going to sound like a simple Q. question, but if someone were to clean up an area, if someone were to leave a nice palm print and someone come behind me and wipe it up, could that affect the quality of the print that was there?
  - Α. Yes.
- A fingerprint or palm print, if you have an Q. unknown; for example, if I were to walk here and put my palm here on the podium, and let's just say that's an unknown print, you need a known print to compare it to to make an identification, correct?
  - Α. Correct.
- So having a known set of prints is important in your line of work?
  - Α. Yes.
- If you do not have a known set of prints, can Q. 22 that affect your ability to make an identification?
  - Α. Yes.
  - All right. When it comes to making an Q. identification, is there a particular process you go

through? If you have an unknown print from a podium and a standard to compare it to, how do you go about making the identification?

A. Basically the prints are laid side-by-side using a magnifying glass, they're looked at side-to-side. You look for certain factors that they have, sometimes a pattern type. You're looking for characteristics within the fingerprint.

If you have enough of these characteristics that have the same relationship to each other and they occupy the same space, you can determine that they were made by the same individual.

- Q. Okay. Once you make a determination that one comes from an individual, are there limitations as it relates to the amount of information you can get from a print? And I guess what I'm trying to ask you is a better way of saying if you identify a print that's left here, can you tell us when that print was left?
  - A. Not normally, no.

- Q. Okay. Can a print always tell you how the print was left there?
- A. On most cases the person has to touch an item to leave a print, yes.
- Q. Okay. Are there circumstances where a person might, like myself, touch this podium and I not leave a

1 ||print?

- A. Again, like we talked about the conditions, if your hands were dry or the surface type, you might not leave a print, yes.
- Q. All right. So that doesn't mean that I didn't touch it, it just means I didn't leave any evidence behind that I touched it?
  - A. Yes.
- Q. Okay. Now I'd like to talk to you about some of the court casework that you did in this case. All right?

You were submitted, through the Pasco County
Sheriff's Office, a number of standard prints for the
purposes of comparison. And we just had an investigator
by the name of Denice Weigand testify, and she testified
as to some of the items that were collected, but I'd
like to go over them with you.

Did you receive a known fingerprint, and I'm referring to your report dated 8/26 of '15, did you receive a fingerprint and a palm print standard from a person being identified as Adam Matos?

- A. Yes, I did.
- Q. Okay. As part of that, did you also receive a finger print and palm print from a person being identified to you as Nicholas Leonard?

1 A. Yes.

- Q. And did you receive a fingerprint and palm print being identified to you as belonging to Megan Brown?
  - A. Yes.
- Q. And did you receive a fingerprint or palm print as being made to you as belonging to Margaret Brown?
  - A. Yes.
- Q. All right. I'd like to talk about the fingerprint and palm print relating to Adam Matos. Is it fair to say this was a deliberate impression that was taken and provided to you for purposes of comparison?
  - A. Yes, it was.
- Q. All right. The fingerprint and palm print as it relates to the following individuals -- Nicholas Leonard, Megan Brown and Margaret Brown -- what can you tell this jury about the quality of the fingerprint and palm print that you received?
- A. They were very poor quality. I believe they were taken maybe at the Medical Examiner's Office. You could tell that the skin on the hands and palms and the fingertips were badly decomposed and the recording of the prints were very bad.
  - Q. Okay. So I guess we can add something else to

the list of things that can affect the qualify of the print. Decomposing skin is something that can affect your ability to have an inadequate standard?

A. Yes.

- Q. These standards as it relates to Margaret
  Brown, Megan Brown and Nicholas Leonard, you said they
  were insufficient. Were these ideal for the purposes of
  comparison to other unknowns?
  - A. No. No, they were not.
- Q. Okay. Did you ever receive a fingerprint or palm print for a person by the name of Greg Brown?
  - A. No, I did not.
- Q. All right. Okay. I'd like to talk about some of the items that were collected and then presented to you for the purposes of comparison.

And referring to your report of the 8/26/15, did you receive an item by the agency exhibit of JM-126, which was given the description of one latent lift from the internal side of passenger window of Nicholas Leonard's Ford truck?

- A. Yes, I did.
- Q. Okay. Were you able to provide us any type of comparison between that and Mr. Matos's print?
  - A. Yes.
  - Q. And can you tell this injury what you were

able to determine as it relates to the print?

- A. One lift was a latent palm print. Those were value for comparison. It was compared to the standards of Adam Matos, and I was not able to identify that, that print was not identified as being his print.
- Q. Okay. You were also provided -- again, we talked about the known palm prints as it relates to Mr. Nicholas Leonard. Were you able to even try a comparison between the standards that you were given of Nicholas Leonard to the lifts coming from his truck?
- A. I attempted to do a comparison with what little information I had on the standard of Nicholas Leonard, but the prints were still too bad to do a conclusive conclusion of being not identified or identified. So it was basically an inconclusive result on my part.
- Q. Okay. All right. Sir, I'd like to focus your attention to another report that you prepared. This report was dated October the 3rd of 2014. And since we're talking about reports, you prepare a report to summarize your analysis; is that correct?
  - A. Yes.
- Q. And in doing so, obviously you put a date, because that's what I'm referring to it as. But does the Florida Department of Law Enforcement give a case

number, an FDLE number to all the analysis done related to a particular investigation?

- A. Yes, we do.
- Q. And if you could, each report contains that unique number; is that correct?
- A. Yes.

- Q. Could you just read for us, the jury, and put into the record the unique number of the FDLE case number in this case?
  - A. Our number is 2014-0307905.
- Q. Okay. So if there's evidence that is processed or looked at by the Florida Department of Law Enforcement, it would have some label and it would include that number identifying it as unique to this case?
  - A. Yes.
  - Q. Okay. Thank you, sir.

Referring to your report of October the 3rd, 2014, there were a number of items that were submitted to you for the purposes of trying to determine whether or not you could identify prints.

And these are items that were identified to you as RC-32 and RC-33, and the description that was given was a Kel-Tec .380 caliber semi-auto handgun; is that correct?

1	A.	Yes.
2	Q.	And that also included a magazine, correct?
3	A.	Yes.
4	Q.	I notice in your report that you make a
5	particula	r note as to how these items were packaged?
6	A.	Yes.
7	Q.	How were they packaged?
8	A.	They were packaged in the water that they were
9	recovered	from.
10	Q.	Okay. You're probably familiar with that
11	having co	llected evidence in the past?
12	A.	Yes.
13	Q.	The fact that an item is recovered from water,
14	can that	affect whether or not there are fingerprints on
15	it?	
16	A.	Definitely, yes.
17	Q.	Okay. Again, were you able to provide any
18	indication	n of whether latent prints were either on the
19	handgun o	r the magazine in this case?
20	A.	Yes.
21	Q.	And what were you able to tell us?
22	A.	That no latent prints were noted or developed
23	on the it	ems.

Okay. As well as two strips of black

electrical tape that were identified as being SM-61,

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were you able to determine whether or not there were any latent prints on that item at all?

- There were no prints developed on those Α. No. two electrical tapes.
- Okay. And, again, the fact that there are no Q. latent prints on an item doesn't mean that someone didn't touch it, it just means they didn't leave the requisite evidence behind to examine it, correct?
  - Α. Correct.

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- Q. All right. I would now like to focus your attention to a report you authored on February the 6th of 2015, and this is Submission Number 2. There were two items that were submitted to you for the purposes of determining whether or not you could develop latent prints. One was identified as SJG-30, and it was described as a wooden handle shovel. All right. vou familiar with that item?
  - Α. Yes.
- Did you actually attempt to process it to see if whether or not you could develop any fingerprints on that?
  - Α. Yes.
- 23 And were you able to develop any prints for the purposes of comparison?
  - Α. No.

- Q. Okay. And what process did you use?
- A. Again, the steps I used, first visually look at the items itself for any type of print that might be visually on it, a transfer of any substance on the item.
  - Q. Okay.

A. And then the item is processed with a Super Glue technique we use, which is basically a basic Super Glue that's put into a chamber. It produces a smoke or, you know, a type of fume that adheres to moisture or that might be present in a fingerprint, and then it kind of hardens a print onto an item, so you can actually see it, and it's kind of fixed onto an item. So that technique was used.

And then after that technique normally it's a dye stain that's placed on it. So this particular shovel had a metal piece and also a wooden handle. So the metal piece would have been dye stained and the wooden handle would have been sprayed, because it's kind of porous, with a chemical called Ninhydrin where we use to try to develop prints on wood or paper items.

So all these techniques were used. Then actually at the very final process would be a black powder process. So all these techniques were used with no success of developing any prints.

Q. Okay. As well on February the 6th, 2015, were

you submitted a hammer with a black rubber handle identified to you as JM-1A?

A. Yes.

- Q. And did you try to process that for the purposes of developing fingerprints?
  - A. Yes, I did.
- Q. All right. Were you able to develop any identifiable prints on that item?
  - A. None.
- Q. Okay. Now, on February the 6th, 2015, you were also provided Submission Number 5. Do you have that report?
  - A. Yes.
- Q. Okay. I'd like to talk about the item that was submitted to you for the purposes of determining whether or not you could develop any prints.

The item was identified as SM-37, and the description was given as two kitchen-size white plastic garbage bags with attached black duct tape. Okay? This item, were you able to develop any prints from this item?

- A. No.
- Q. Okay. Now I'd like to talk about the report that you authored dated August the 5th of 2015, and I'd like to go through a number of the items that you were

1 submitted.

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Let's start with items that were submitted to you as JM-2A, description of wooden handle hunting knife submitted in water.

- I'll let you catch up. Sorry.
- - Q. Are you ready? The fact that this item was submitted to you in water, does that affect your ability to develop a print?
- 10 A. Yes.
  - Q. All right. Did you try to?
- 12 A. Yes.
- Q. All right. Were you able to develop any prints off this item?
- 15 | A. No.
- Q. All right. And the same with JM-3A,

  identified as buck hunting knife with wooden handle

  submitted in water, is that something that would affect

  your ability to process a print?
  - A. Yes.
    - Q. Did you try?
- 22 A. Yes.
- 23 Q. Were you able to?
- 24 A. No.
- 25 Q. All right. Thank you, sir.

On that same day you were also submitted an item NS-19, it was identified as one long piece of black electrical tape. Were you able to process this item?

A. Yes.

- Q. And were you able to develop any prints on this?
  - A. No.
- Q. Okay. And then finally NS-28, one large section of drywall. Were you able to develop any prints as it relates to NS-28?
- A. That item actually did have prior processing done to the item, and there were some present previously developed prints that I did note and were able to photograph, and actually there was one palm print of value for comparison on that drywall.
- Q. Okay. When you say "prior processing," it's been described earlier by some of the techs that they use I think called Hungarian Red. Is that what we're referring to?
  - A. I believe so, yes.
- Q. All right. So as it relates to NS-28, there was a palm print or print on it for the purposes of comparison. Did you compare it to Adam Matos?
  - A. Yes, I did.
    - Q. And what can you tell this jury about that

## 1 | comparison?

- A. There was no identification made.
- Q. All right. And what does that mean?
- A. That print that was developed was not the print that was on the standard marked Adam Matos.
  - Q. So it was not Adam Matos?
  - A. No.
- Q. Were you able to compare it to the other three people that you were submitted, one Magen Brown,

  Margaret Brown and Nicholas Leonard?
- A. I attempted to try to compare the standards I had of Nicholas Leonard and it was inconclusive again.

  The other two I didn't have enough to even compare.
- Q. All right. Their skin was so decomposed, you were not able to compare it?
  - A. Correct.
- Q. Okay. All right. And finally, Mr. Stark, I'd like to talk about a report you authored on October the 27th of 2016. And the item that you were submitted was an item that was identified to you as SM-65, and the description was one cut section of painted drywall from west garage northeast corner. Were you able to examine that item?
  - A. Yes.
  - Q. And were you able to develop any latent prints

1	on that item?			
2	A. Again this item also had a developed print on			
3	it, and I photographed it and determined that it was a			
4	palm print also and it was a value to compare.			
5	Q. Okay. And did you compare it to Adam Matos?			
6	A. Yes, I did.			
7	Q. And what can you tell this jury about that			
8	comparison?			
9	A. That palm print was not identified to Adam			
10	Matos.			
11	Q. Did you also compare it to Nicholas Leonard?			
12	A. I attempted with inconclusive results again.			
13	Q. All right. Did you even try to compare it to			
14	Megan Brown or Margaret Brown based on the prints that			
15	you had?			
16	A. No. I was unable to.			
17	Q. All right.			
18	MR. LABRUZZO: May I have a moment, Your			
19	Honor?			
20	THE COURT: You may.			
21	MR. LABRUZZO: Your Honor, I have no further			
22	questions of this witness.			
23	THE COURT: All right. Cross.			
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1	CROSS-EXAMINATION		
2	BY MR. MI	CHAILOS:	
3	Q.	Good evening, sir.	
4	A.	Good evening.	
5	Q.	I take it from your testimony thus far, it is	
6	difficult	to get prints from an item that's submerged in	
7	water?		
8	A.	Yes. Very difficult.	
9	Q.	But I guess its not impossible, right?	
10	A.	No, it's not impossible.	
11	Q.	Otherwise, you would not have gone through all	
12	this trou	ble to examine all these different items	
13	presented	l to you, correct?	
14	A.	It's my job to examine the evidence, yes.	
15	Q.	One question, sir. Were you ever given any	
16	long fire	earms or rifles to process for fingerprints?	
17	A.	Long arm firearms?	
18	Q.	Rifles?	
19	A.	No.	
20		MR. MICHAILOS: I have no further questions.	
21		Thank you, sir.	
22		THE COURT: Any redirect?	
23		MR. LABRUZZO: No, Your Honor.	
24		THE COURT: All right, sir. Thank you very	
25	much	. You may step down. Is he released from his	

1	subpoena?			
2	MR. LABRUZZO: He is, Your Honor.			
3	THE COURT: All right, sir. You're released			
4	from your subpoena.			
5	THE WITNESS: Thank you.			
6	THE COURT: Can I have the lawyers at the			
7	bench briefly.			
8	(Bench Conference.)			
9	THE COURT: Are we ready for our next witness?			
10	MR. LAWHORNE: We are.			
11	THE COURT: Okay. How many more have you got?			
12	MR. LAWHORNE: I'm sorry?			
13	THE COURT: How many more do we have?			
14	MR. LAWHORNE: Oh, just one.			
15	THE COURT: Okay. All right. Thanks.			
16	MR. LAWHORNE: And she'll be number 46.			
17	THE COURT: That's fine. That's fine. Did			
18	Chris go out there to get her or him, whoever is			
19	coming in?			
20	MR. LAWHORNE: I don't think anybody's going			
21	to enter yet.			
22	THE COURT: Okay.			
23	MR. LAWHORNE: I think Chris may have gone to			
24	the restroom.			
25	THE COURT: He walked out. I thought he was			

1	going to get her.			
2	MR. MICHAILOS: Can we do a restroom break or			
3	no?			
4	THE COURT: No. It's one last witness. We're			
5	good.			
6	MR. MICHAILOS: Could we have a few minutes so			
7	I can run out or no?			
8	THE COURT: No. We're calling her right now.			
9	(Open Court.)			
10	THE COURT: State, call your next witness.			
11	MR. LAWHORNE: State calls Dena Allen.			
12	THE COURT: And, ladies and gentlemen, I'm			
13	told this is our last witness for the evening.			
14	Dena Allen, please.			
15	Good afternoon, Ms. Allen. If you can step up			
16	to the podium for me. Stop right there. Raise			
17	your right hand and be sworn by my clerk.			
18	DENA ALLEN,			
19	a witness herein, being first duly sworn, was examined			
20	and testified as follows:			
21	THE COURT: All right. Please have a seat in			
22	the witness stand. Speak in a loud and clear voice			
23	for me. Okay?			
24	State, you may proceed.			
25	MR. LAWHORNE: Thank you. Counsel.			

## DIRECT EXAMINATION

## BY MR. LAWHORNE:

- Q. Good afternoon. Would you please introduce yourself to the jury, and will you spell your first and last name for the court reporter.
  - A. I'm Dena Allen, D-e-n-a, A-l-l-e-n.

I am a crime laboratory analyst with the firearms section at the Florida Department of Law Enforcement.

- Q. And the Florida Department of Law Enforcement, is that frequently referred to as FDLE?
  - A. Yes, it is.
  - Q. Okay. So what exactly is your job with FDLE?
- A. My primary duty is to examine firearms; firearm ammunition components that have been fired, such as fired bullets or cartridge cases, to see if I can identify if the fired components have been fired and from a particular firearm.
  - Q. And how long have you worked for FDLE?
  - A. Since August 2009.
- Q. And will you tell us about your training and experience that qualifies you for your job.
- A. I have a Bachelor's of Science in biology from the University of Central Oklahoma. I have two years experience as a forensics technologist in the firearms section.

And then I underwent an 18-month structured
training program. This program dealt with the history
and development of firearms and ammunition, firearms
identification. It also dealt with serial number
restoration, muzzle to object distance determination,
computer database entry and correlation.

I did factory tours, supervised casework, and a mock trial.

- Q. And I believe you said you're with the firearms section; is that right?
  - A. That's correct.

- Q. Would you tell the jury what sort of stuff the firearms section does?
- A. Okay. Typically we would receive a case that had fired components in it or it would have firearms.

  We would examine the firearms sometimes for function and safety, sometimes just to test-fire and enter fired components into a computer database for searching.

Sometimes we are asked to compare fired components of that firearm to evidence that was recovered at crime scenes or at a different crime scene to see if there is a relation. So we can examine the fired components to determine if they were fired from that firearm.

We also can restore serial numbers if they've been removed from a firearm. And we do distance

determination, which is whenever the firearm is fired, we measure the distance from the muzzle of the firearm to the object to give a range of distance that the firearm could have been from the object when it was fired.

- Q. Now, you mentioned one of the things that you do is compare fired projectiles. Would you tell the jury how that process works?
- A. Sure. We start by examining the projectiles for class characteristics. Class characteristics are design features that are determined before they're manufactured.

So for a firearm and the associated bullets that are fired in that firearm, they would be the caliber or the size, they would be the weight, it would be the direction of rifling.

The rifling is the spiral lands and grooves or the spiral twists that's inside the barrel of the firearm that can have a certain shape and the lands and grooves can have a certain width. So those would be class characteristics.

You can think of it similar to having a red Ford Taurus. A red Ford Taurus is a certain class description, certain style of cars. All that was determined prior to manufacture, but it's just one of

the certain class, it's one of the certain type.

Then once you've identified the class of that, you can further examine the individuality. So when a firearm is manufactured, there is drilling that goes on in the barrel, there's the formation of the lands and grooves within that barrel, there's finishing processes that go on with the barrel.

All of this can cause microscopic irregularities and deformities within the barrel, and these microscopic marks will mark the bullet as it travels through the barrel. The bullet will accumulate the marks throughout the length of the barrel.

It will show the signs of the lands and grooves that were impressed into it from the barrel. And you can examine these, and when they repeat in sufficient quantity and quality, then you know you can make an identification.

- Q. And when you say identification, you would be able to take one fired projectile, look at those marks, the microscope marks, compare them to the microscopic marks on another projectile and tell if they were fired from the same firearm?
  - A. That's correct.
- Q. Okay. Now, in this case did you receive some items of evidence for a case involving Adam Matos with

the FDLE Number of 2014-0307905? 1 2 I did. 3 And did you receive a total of four fired Q. 4 projectiles or fired bullets? 5 Α. Yes. 6 And were those RC-5 -- I'm sorry. SM-8, SM-59 7 and SM-62? 8 A. Yes, they were. 9 MR. LAWHORNE: Your Honor, may I approach the 10 clerk and then the witness? 11 THE COURT: You may. 12 (By Mr. Lawhorne) Now, I'm handing you what's 13 already been entered into evidence as State's 60, 14 State's 303, State's 298, and State's 400. 15 Are these the projectiles that you received from 16 the Pasco County Sheriff's Office? And feel free to 17 look at them. We've got some gloves here for you as 18 well if you'd like. 19 THE COURT: It should already be opened. 20 (By Mr. Lawhorne) I got some scissors if that Q. 21 will help you get into the bag. 22 Α. Okay. I do recognize my markings on the 23 outside. It's still sealed. Did you want me to open 24 it?

Would you go ahead and open it all the way.

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Q.

1	A. Okay.		
2	Q. Ms. Allen, let's actually do one at a time,		
3	because I'm going to ask you to step down and show the		
4	jury.		
5	A. Certainly.		
6	Q. Just so that we make sure we get them back in		
7	the right bags.		
8	MR. LAWHORNE: Your Honor, is it okay if she		
9	steps down?		
10	THE COURT: She may.		
11	THE WITNESS: So this is one of the it's a		
12	bullet that I was asked to examine in this case.		
13	This was my Evidence Exhibit RC-5.		
14	Q. (By Mr. Lawhorne) Okay. Would you mind		
15	stepping down and kind of walk in front of the jury so		
16	they can see what you're holding.		
17	MR. LAWHORNE: And for the record, RC-5 is		
18	State's 60.		
19	Q. (By Mr. Lawhorne) Ms. Allen, would you mind		
20	putting that back in the container, and then we'll do		
21	the same thing with the next projectile.		
22	All right. Now you're opening State's 303. And		
23	would you mind stepping down again and showing the jury.		
24	And would you move on to the next one, please.		
25	Thank you.		

1 MR. LAWHORNE: For the record, this is State's 298. 2 3 (By Mr. Lawhorne) Would you mind also showing Q. 4 that one to the jury. 5 And the last one is State's 400. Would you mind 6 showing that one as well. Thank you. 7 Now, these four projectiles that we saw that you 8 received from the Sheriff's Office, did you examine them 9 for a class and individuality like we spoke about a moment ago? 10 11 Α. I did. 12 What can you tell us about the class of these Q. 13 projectiles? 14 Α. They were all .38 caliber class, which is a 15 consistent class or family of bullets that include .380 16 Auto, .9 millimeter Luger, a .357 Magnum, a .38 Special, 17 among many others. 18 They all had -- if you give me just a moment -- six 19 lands and grooves. So that spiraling that was inside 20 the barrel of the firearm had six raised and lowered 21 portions within it and then the lands and grooves had a 22 right-hand twist. 23 And then I also took measurements of the lands and 24 grooves width as well, and they were all consistent with

25

each other.

1	Q. And so were you able to tell if those four
2	projectiles were fired from the same firearm?
3	A. Yes, they were.
4	MR. LAWHORNE: Your Honor, may I approach the
5	witness with additional evidence?
6	THE COURT: You may.
7	MR. LAWHORNE: Thank you.
8	Q. (By Mr. Lawhorne) I'm now showing you what's
9	already been entered into evidence as State's 219 and
10	State's 220. What is 219 first?
11	A. It is a semiautomatic pistol, a Kel-Tec model
12	Q. And was this firearm sent to you for analysis?
13	A. I misspoke. But it's a Kel-Tec brand. I'm
14	sorry. And, yes, it was sent to me for analysis.
15	Q. And 220, what is that?
16	A. It is a detachable box magazine.
17	Q. And was that magazine also sent to you?
18	A. Yes, it was.
19	Q. So before you get into that, would you mind
20	taking the firearm and just kind of tell the jury how
21	that gun operates? I know it's got the lock on so you
22	can't really demonstrate much of it, but would you just
23	give the best explanation you can with its current
24	state.

A. This type of firearm is a semiautomatic

pistol, which means that it works or it operates by loading a portion of the firearm with cartridges. Then whenever you are ready to fire, you load a cartridge into the chamber by retracting the slide. And it's slightly stuck at the moment.

So you retract the slide and release it. Spring action will cause the slide to move forward scooping a cartridge out of the detachable box magazine -- this is what you would load with the cartridges -- and it puts it into the chamber of the firearm.

When you're ready to fire, you just pull the trigger. The firing mechanism causes the cartridge to fire. The bullet will come out of the barrel towards the target. The cartridge case will be pushed rearward. With the expansion of all the gasses, it pushes against the slide causing the slide to open back up.

The cartridge case is then extracted and ejected or it's pulled out of the chamber by a little arm that's called the extractor, and it's ejected out of the firearm. Then because of that spring tension is there, the slide will return to the forward position loading the next cartridge into it to be ready to be fired again.

Q. Now, the caliber of that particular firearm, is it a .380?

- A. Yes. This is a .380 Auto caliber.
- Q. And is .380 one of the calibers you mentioned that was in the same class as the projectiles from a moment ago?
  - A. Yes.

- Q. And the magazine in the other box there, is that also a Kel-Tec brand magazine?
  - A. Yes, it was. Yes, it is.
- Q. And these items, when they were sent to your lab for analysis, how were they packaged? I guess what I'm asking is were they packaged in water?
  - A. Yes, they were.
- Q. And when items are found in water, is it the lab's preference or your preference that they be maintained in water before they get to you?
- A. Yes. Once they're subjected to water and they're wet, especially if they've been submersed in water, the removal of them from the water will cause the rusting to happen much more quickly. So we request that they're submitted still in the water. Usually fresh water, if possible; otherwise, in the water in which its found.

And then they're sent to the lab in that water, that way when we receive them in the laboratory, as soon as we can we get them dried off, oiled down and

test-fired with as little time as possible, once they begin drying, to prevent as much rusting as possible.

- Q. Now, with this particular firearm and these projectiles, did you compare the projectiles to that particular firearm?
- A. I compared it to tests that I fired in the firearm, yes.
  - Q. And what is the process for doing that?
- A. Okay. When I test-fire a firearm, I use laboratory ammunition is standard protocol, sometimes we use submitted ammunition.

So in this case I used laboratory ammunition, and I test-fire it in our indoor range into a water recovery tank, so the bullets I'm able to recover from that tank mostly intact.

I compare the bullets to each other looking for similar -- class will be all the same because they're all fired from the same firearm, but I look similar repeating individual characteristics.

These were the microscopic imperfections or the signature of this firearm that it left on the bullets.

If it's repeating in sufficient quantity and quality, I can then compare it to evidence exhibits.

Q. And in this particular case, were you able to test-fire this firearm to get the sample projectile from

1 ||it?

- A. Yes.
- Q. And when you compared it to the other four projectiles, what did you learn?
- A. The other four projectiles were of the same class. They had similar measurements in the lands and width. They had the same number and direction of twists of lands and grooves. They were the same caliber.

I was not able to come to a definitive conclusion as to whether or not these bullets were fired from this firearm.

- Q. And the firearm being submerged in water when you retrieved it and having been that way for a period of time, did that seem to have any impact on the ability to compare it?
- A. It could have had a change in the signature.

  There was an orangish or rust colored residue that I wiped from the barrel when I received the firearm, which indicates that it had been in the process of rusting.

And so the characteristics that I saw on the test-fires were very gross in appearance, meaning that they were deep, deeper gouges than what we usually see. So that indicates also that it could have gone through some change of having been submerged in water.

Q. And let me just make sure that I do understand

correctly. The four projectiles that had previously been fired that we sent you, you can say were fired from the same firearm?

A. Yes.

- Q. And as far as the other firearm, you can say they could have come from that firearm, they may not have come from that firearm, you can't say with certainty?
  - A. That's correct.

MR. LAWHORNE: Okay. May I have just one moment, Your Honor?

THE COURT: All right.

- Q. (By Mr. Lawhorne) How many rounds does this particular firearm hold?
- A. The detachable box magazine holds six rounds, this particular one that was submitted. I tested it when I received it in the laboratory. So the magazine can hold six and then you could also have an extra cartridge in the chamber of the firearm at the same time. So in totality there could be seven.
- Q. And I believe you already said this but let me ask you just to make sure. This particular firearm, when it's discharged, it expels a casing of this size?
  - A. Yes.

MR. LAWHORNE: We have no further questions,

1	Your Honor.
2	May I retrieve the evidence?
3	THE COURT: Please do. Thank you.
4	Defense, do you need him to leave any of the
5	evidence there?
6	MR. MICHAILOS: No, Your Honor.
7	THE COURT: Okay.
8	MR. MICHAILOS: The Defense is not asking any
9	questions of this witness, Your Honor.
10	THE COURT: All right. Once we get all the
11	evidence back, we'll have you step down.
12	State, is she released from her subpoena?
13	MR. LAWHORNE: She is.
14	THE COURT: Defense, any objection to that?
15	MR. MICHAILOS: To what, Your Honor? Sorry.
16	THE COURT: Any objection to releasing her
17	from her subpoena?
18	MR. MICHAILOS: Not at all, Your Honor.
19	THE COURT: All right. Ma'am, you may step
20	down. Thank you very much. You're released from
21	your subpoena.
22	State, if I have it right, we're done for
23	today for witnesses?
24	MR. SARABIA: Yes, Judge.
25	THE COURT: All right. Ladies and gentlemen,

we're going to go ahead and put or notes away. And again in the morning if you all need any additional pages or notepads or pens, please let us know. We can get that before you start if you're getting close to the end. So you don't have to write on the back of anything or on your hand or up your arm or anything like that.

And we're going to go ahead and give your items back. We'll have you back to the jury pool room in the morning at 9:30. Before you go, I was told this morning that there was a very long line to get into the courthouse.

You have only a few extra credits, things that you get to do around here, and that is pull your jury card out. And that is when there's a long line, you're more than welcome go up to the front of the line and say, excuse me, I'm with Judge Handsel's jury, may I, you know, come in, they're waiting for me?

And they already know that you're coming in every day. They're waiting for you and they'll be happy to scoot you along. I know you might get a little bad looks from the other people, but tell them you've been here like seven days. So if they want to be here seven days, they can take your

1 spot. But continue no talking about the case, no 2 3 tweeting, texting, blogging. And we will see you in the morning. Okay? Thank you all very much. 5 You all have a nice evening. 6 (Jury Absent.) 7 THE BAILIFF: Jury is out of the hearing of 8 the courtroom. 9 THE COURT: All right. So we'll be starting 10 at 9:30 tomorrow. 11 State, how are we looking on the rest of the 12 week? 13 MR. LABRUZZO: Well, Judge, just to kind of 14 set out tomorrow just a little bit more. We had 15 our DNA expert here today. She is subpoenaed to 16 testify in Sarasota tomorrow morning. 17 THE COURT: Okay. 18 MR. LABRUZZO: She is going to go from 19 Sarasota to Pasco to testify. 20 THE COURT: Okay. 21 MR. LABRUZZO: Once she testifies, then our 22 other experts can testify. 23 THE COURT: Okay. Do we have anybody to fill 24 in until she gets here? 25 MR. LABRUZZO: We do. We've made last-minute

arrangements to have a bunch of people here in the morning.

THE COURT: Okay.

MR. LABRUZZO: I would say only slightly out of order, but I think we are on course to have a full day tomorrow and a full day on Thursday, and that will keep us on track on finishing at a good point next week.

THE COURT: Okay. And the witness that we were hoping to be here, do we still have to wait until the 15th, or can we put them in whenever they arrive?

MR. LABRUZZO: I'll defer to Mr. Sarabia.

MR. SARABIA: We may end up finishing on the 14th, so he may be available to testify then.

THE COURT: Okay.

MR. SARABIA: Either way we are now planning on calling that witness last, so it's going to depend how long it takes.

THE COURT: Okay. You know, I'm just saying that if you can finish up early, great. I'm sure the jury would appreciate that.

But with that in mind, if the Defense has any witnesses or evidence or anybody they intend to call in their case -- I'm not saying they have

because, of course, you do not -- I would move them 1 and make sure that they are available on the 15th. 2 3 I assume if we finish on the 14th, you're talking about, even if we finish early, there'll be 5 a judgment of acquittal and all that, a 6 conversation to be had, so that would take up a 7 good part of the rest of that day. 8 So I would definitely say if you have any 9 witnesses or evidence that you intend to put in or 10 if you want to make an opening statement, be ready 11 to do that on the 15th. Okay? 12 MR. MICHAILOS: Yes. 13 THE COURT: All right. Again, I have my court 14 hearing at 8:30 in the morning. So I need you all 15 here at 9:30, the defendant at 9:30, okay, dressed 16 out. 17 MR. MICHAILOS: Just like today? 18 THE COURT: Just like today. 19 MR. MICHAILOS: Good. 20 THE COURT: Okay? 21 Thank you. MR. MICHAILOS: 22 THE COURT: I moved along pretty quickly on my 23 I've been able to put it in in an hour. 24 (Recess Taken.) 25 (CONTINUED IN VOLUME VII.)

## CERTIFICATE OF COURT REPORTER

STATE	OF 1	FLORIDA	
			,
COUNTY	OF	PASCO	

I, MARIA FORTNER, Registered Professional
Reporter for the Sixth Judicial Circuit, do hereby
certify that I was authorized to and did
stenographically report the foregoing proceedings and
that the transcript is a true and correct record.

DATED this 23rd day of April, 2018.

/S MARIA A. FORTNER

MARIA A. FORTNER, RPR