

DEPOSITION OF JANINE ARVIZU, 7/15/13

1

1 IN THE CIRCUIT COURT OF THE NINTH JUDICIAL CIRCUIT  
 COURT, IN AND FOR ORANGE COUNTY, FLORIDA

2 STATE OF FLORIDA,

3 Plaintiff,

4 vs. Case No.: 48-2011-CF-015217-0

5 DIVISION: 16

6 STEVEN FRANK MEAD,

7 Defendant.

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DEPOSITION OF JANINE ARVIZU  
 July 15, 2013  
 11:34 a.m.  
 at the Offices of  
 KATHY TOWNSEND COURT REPORTERS  
 110 Twelfth Street, NW  
 Albuquerque, New Mexico 87102

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17 PURSUANT TO THE FLORIDA RULES OF CIVIL  
 PROCEDURE, this deposition was:

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20 TAKEN BY: MS. LISA GONG  
 ATTORNEY FOR THE PLAINTIFF

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23 REPORTED BY: DENISE KOPAN, CCR #124  
 KATHY TOWNSEND COURT REPORTERS  
 110 Twelfth Street, NW  
 Albuquerque, New Mexico 87102

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1 MS. GONG: Good afternoon. I am Lisa Gong.

2 And we have also David Fear here in the room with me

3 today. D-a-v-i-d, F-e-a-r.

4 JANINE ARVIZU

5 after having been first duly sworn under oath,

6 was questioned and testified as follows:

7 EXAMINATION

8 BY MS. GONG:

9 Q. Ms. Arvizu, I know we have been at deposition

10 in another case in January and I don't recall if I got

11 your CV from that deposition or not.

12 Do you remember sending it to me?

13 A. I don't. I will get your e-mail address from

14 the court reporter and send you one, though.

15 Q. Okay. If you can. I would appreciate that.

16 Can you just please tell us, what is your

17 current occupation?

18 A. I am a quality assurance consultant and a

19 certified quality auditor and I provide data quality

20 assessments for users of laboratory results.

21 Q. And how long have you been doing that for?

22 A. Many years. I guess I started doing quality

23 assurance work decades ago. I guess I got into it on a

24 very directed basis probably 20 years ago.

25 Q. Okay. Let me ask you, can you just tell us

2

1 A P P E A R A N C E S

2 For the Plaintiff:

3 MS. LISA GONG (Telephonically)

4 ASSISTANT STATE ATTORNEY

5 STATE OF FLORIDA

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I N D E X PAGE

JANINE ARVIZU

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E X H I B I T S

(None)

4

1 briefly about your educational background?

2 A. Sure. I have a BS degree in biochemistry

3 from California Polytechnic State University at San

4 Luis Obispo and an ABD in chemistry from the University

5 of New Mexico, which is not a degree, it's an

6 indication of "all but dissertation." It means

7 completion of all the course work, examinations,

8 proposal preparation and defense required for admission

9 to candidacy for a Ph.D. degree, but I did not defend

10 my dissertation.

11 And --

12 Q. Can you do your dissertation now if you

13 decided you wanted to finish up the Ph.D.?

14 A. I'm sorry, I missed the first part of your

15 question.

16 Q. If you decide that you do want that Ph.D.,

17 can you go back and defend your dissertation?

18 A. Now?

19 Q. Yes, right now.

20 A. I don't know. I don't think so. I guess I

21 have never considered it.

22 Q. I was just curious. I was just curious.

23 And, I'm sorry, before I interrupted you,

24 what were you about to say?

25 A. I am certified as a quality auditor by the

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1 American Society for Quality, which is the professional  
 2 organization of quality practitioners.  
 3 Q. And when were you certified?  
 4 A. I am not sure when I first got my  
 5 certification. There is a recertification process that  
 6 happens every three or four years. And I have been  
 7 doing it for some time. I am really not sure of when  
 8 the first time I did it was. Probably in the '90s  
 9 sometime.  
 10 Q. And what did you have to go through?  
 11 What types of training or experience did you  
 12 need to get that certification?  
 13 A. There are essentially three things that you  
 14 have to do, if I recall, and that is have a certain  
 15 number of years of experience as a practicing  
 16 professional in the field, have an underlying academic  
 17 degree in the relevant field, and sit for an  
 18 examination, which is like an all-day examination that  
 19 covers the contents of the body of knowledge for  
 20 practicing quality auditors. And it's not a "give me."  
 21 At the time I took it, about a third of the people who  
 22 took it failed it.  
 23 Q. Okay. And now, the quality assurance work  
 24 you do, do you do it as your own business?  
 25 A. Yes, as an independent consultant.

6

1 Q. Do you also have another part-time or  
 2 full-time job in addition to that?  
 3 A. I do. I am currently employed as a program  
 4 manager for the Water Utility Authority. I am  
 5 currently out on medical leave because I apparently  
 6 tore my ACL.  
 7 Q. I'm sorry to hear about that.  
 8 When are you expected to go back to work?  
 9 A. I don't actually know because I can't get in  
 10 to see the orthopedic surgeon until August. So I don't  
 11 know yet.  
 12 Q. Okay. Have you ever testified as an expert  
 13 witness in a criminal trial?  
 14 A. Yes.  
 15 Q. And in what areas?  
 16 A. In the field of quality assurance related to  
 17 analytical measurements. So it's been everything from  
 18 sampling through lab work through data reporting. And  
 19 in the field of forensics, everything from toxicology  
 20 to gunshot residue to controlled substance testing to  
 21 ballistics to fingerprints.  
 22 Q. And I think you also testified in regard to  
 23 lethal injection protocols, too, correct?  
 24 A. I did. I did quality assurance review of  
 25 standard operating procedures related to the lethal

7

1 injection protocols.  
 2 Q. And --  
 3 A. I don't remember if -- it wasn't -- I  
 4 remember doing depositions. I don't know that I  
 5 actually testified in a hearing or in those cases, but  
 6 I remember doing affidavits.  
 7 Q. Okay. And in the area of blood alcohol  
 8 testing as it relates to blood, how many times have you  
 9 testified as an expert in a hearing or trial?  
 10 A. I have not counted them up that way, but I  
 11 would estimate in a couple of dozen maybe at the most.  
 12 Q. Has it all been in Florida or all around the  
 13 country?  
 14 A. All around the country.  
 15 Q. And have you ever testified for the State in  
 16 that area?  
 17 A. I have not.  
 18 Q. Now, when you testified in those times in the  
 19 scientific areas, did you ever testify that any of that  
 20 particular science was faulty or unreliable, or did you  
 21 just testify to the procedure of obtaining those  
 22 samples and the procedure of the testing, itself?  
 23 A. I want to make sure I understand your  
 24 question. When you refer to "those times," are you  
 25 referring to only blood alcohol, or all my testimony?

8

1 Q. All your testimony.  
 2 A. Okay. Now I need to understand what you mean  
 3 by was I talking about problems with the science. You  
 4 said -- you gave me like two options, was I testifying  
 5 about problems with the science or the quality issues,  
 6 validity and so forth. Method validity actually speaks  
 7 to the quality of the scientific method. So I am not  
 8 sure I know how to answer your question.  
 9 Q. Well, did you testify in regard that, for  
 10 example, a fingerprint was reliable, or unreliable type  
 11 of science, or did you testify to the process and  
 12 procedure of obtaining the fingerprint and how it went  
 13 through testing and the procedural aspect of it?  
 14 A. Okay. I guess my answer is both, because I  
 15 have testified that the scientific conclusions from a  
 16 particular method were not valid and I have testified  
 17 to the weaknesses, in particular -- actually, the  
 18 performance of methods that render results unreliable.  
 19 So I am not sure if that's what you are  
 20 asking me. I am struggling a little bit understanding  
 21 what you mean when you talk about science that  
 22 generically, but I -- for example, I do not testify  
 23 that the technique used for blood alcohol, that is, gas  
 24 chromatography, is an unreliable scientific method.  
 25 That is never my testimony. The technique of gas

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1 chromatography is a robust, well-understood, scientific  
 2 method. It is the application of that method that may  
 3 or may not be done in a scientifically valid and  
 4 reliable method.

5 Q. Okay. And that is the same of all of the  
 6 other fields of science that you testified in, right?

7 A. I am having -- I am thinking to be sure.  
 8 Yes, I think when I have addressed the issue of science  
 9 at a high level, it's generally related to the fact  
 10 that the technique being used, the analytical method  
 11 being used, has not been scientifically valid and shown  
 12 to be appropriate for its intended use.

13 Q. And when you said gas chromatography was a  
 14 robust science, do you mean that it's reliable?

15 A. It is well-documented, it is  
 16 well-understood. It has the potential to be, if  
 17 properly implemented, a very, very effective analytical  
 18 technique, yes.

19 Q. Okay.

20 A. But it doesn't mean that everything that's  
 21 done with a gas chromatograph is necessarily valid and  
 22 reliable.

23 Q. Okay. Now, in regard to blood alcohol  
 24 testing, have you ever tested yourself any blood  
 25 samples for traces of alcohol?

10

1 A. No.

2 Q. When was the last time that you actually were  
 3 an analyst and tested samples in a lab?

4 A. It's been decades.

5 Q. Okay. Have you ever reviewed any blood tests  
 6 that were retested by the defense against the result  
 7 obtained by the State?

8 A. Have I ever -- I have never been provided  
 9 with the what I will call "discovery," especially the  
 10 underlying foundational data associated with a defense  
 11 retest result. So no.

12 Q. Okay. So you have never even seen any set of  
 13 data as far as you recall?

14 A. I do not.

15 MR. SNURE: Well, hold on a second. Lisa,  
 16 this is a twist on what she was asked, but I want you  
 17 to be aware of it. The State has tested a separate  
 18 sample in a case I have in Lake County and we have  
 19 looked at the first sample. And when I get the lab  
 20 records, we are going to look at the second sample. So  
 21 even if it hasn't happened yet, it may happen by the  
 22 time we get to court on this and you just need to be  
 23 aware of it.

24 MS. GONG: Okay. Do you know the case number  
 25 of that?

11

1 MR. SNURE: No.

2 MS. GONG: Lake County. And is it a 2012 or  
 3 2013 case?

4 MR. SNURE: I think it's a 2010 case.

5 MS. GONG: Okay. Can you give it to me  
 6 later? I know you don't know it right now.

7 MR. SNURE: Sure.

8 MS. GONG: Okay. And Ms. Arvizu is also your  
 9 expert witness in that case?

10 MR. SNURE: Yes.

11 MS. GONG: Okay.

12 Q. (By Ms. Gong) Now, have you ever published  
 13 any journals or literature?

14 A. I have. If you are asking related  
 15 specifically to the field of quality assurance, I wrote  
 16 the quality standard that served as the basis for the  
 17 U.S. Navy's evaluation and approval of testing  
 18 laboratories, both commercial and governmental.

19 Q. And when was that written or published?

20 A. You know, I don't remember. I think -- I'm  
 21 going to guess it was the late '90s.

22 Q. And what did you --

23 A. That's a guess.

24 Q. What did you mean when you said that it  
 25 served as a basis for the U.S. Navy's program? I'm

12

1 sorry, I didn't catch that?

2 A. Sure. Analytical laboratories that did  
 3 testing work for the U.S. Navy, this essentially --  
 4 this document essentially set the ground rules. And I  
 5 managed the program that evaluated labs that wanted to  
 6 do work to see whether they were qualified and whether  
 7 they met the requirements of that standard. And then  
 8 once they were approved in doing work, then we, on an  
 9 ongoing basis, evaluated the quality of their work.

10 Q. Did you also, in May of 2000, author an  
 11 article for the Champion titled "Forensic Labs:  
 12 Shattering the Myth"?

13 A. I did.

14 Q. And that was for the National Association of  
 15 Criminal Defense Lawyers magazine?

16 A. Yes.

17 Q. And you also travel to teach at seminars and  
 18 to classes, as well, correct?

19 A. I do.

20 Q. Do you often lecture at the National  
 21 Association of Criminal Defense Attorneys?

22 A. I don't know what you consider "often." I  
 23 know that I have on several occasions over the years.

24 Q. When was the last time that you lectured for  
 25 them?

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1 A. It was in Cleveland, I believe. I am not  
 2 sure how long ago. Maybe a year-and-a-half ago.  
 3 Q. Okay.  
 4 A. I am not sure, but you could look on-line and  
 5 find it, I am sure.  
 6 Q. Have you ever worked in a crime laboratory or  
 7 a forensic laboratory?  
 8 A. No.  
 9 Q. Have you ever received any training in  
 10 alcohol testing or forensic alcohol testing?  
 11 A. No.  
 12 Q. Have you ever done any forensic alcohol  
 13 testing?  
 14 A. No.  
 15 Q. Have you ever done any blood testing?  
 16 A. No.  
 17 Q. Now, what types of materials did you review  
 18 for this case?  
 19 A. The discoverable materials that were provided  
 20 to me by Mr. Snure's office, they were sent to me  
 21 electronically.  
 22 Q. Did you review any police reports?  
 23 A. No.  
 24 Q. Did you review any witness statements?  
 25 A. No.

14

1 Q. Did you see any photographs or videos in this  
 2 case?  
 3 A. No.  
 4 Q. Did you talk to any witnesses?  
 5 A. No.  
 6 Q. What kind of materials were provided to you  
 7 by Mr. Snure's office?  
 8 A. It's all materials relating to the blood  
 9 sample and its testing by the laboratory, the  
 10 foundational records that essentially support their  
 11 conclusion.  
 12 Q. The records from FDLE?  
 13 A. Yes.  
 14 Q. Does that include their bench notes and the  
 15 underlying data that they used?  
 16 A. Yes.  
 17 Q. Have you ever done any audits of any Florida  
 18 Department of Law Enforcement laboratory?  
 19 A. Only data audits of reported results, not an  
 20 on-site audit of the laboratory.  
 21 Q. And "data audits" meaning like this case,  
 22 correct?  
 23 A. Yes.  
 24 Q. And have you ever visited any FDLE  
 25 laboratories?

15

1 A. I have. I visited the lab in Orlando.  
 2 Q. During your Orlando visit, what specific  
 3 areas inside FDLE were you privileged to go to?  
 4 A. A conference room. I did not enter the  
 5 actual analytical part of the laboratory. I met with  
 6 people from the lab in a conference room.  
 7 Q. Did you research any literature or journals  
 8 while working on this case?  
 9 A. Research any literature or journals, no.  
 10 Q. And what issues or deficiencies did you find  
 11 in this case regarding the FDLE regulations?  
 12 A. Regarding the FDLE regulations?  
 13 MR. SNURE: well, you need to keep in mind,  
 14 Lisa, that the motion pending deals with the  
 15 insufficiency of the regulations. It would be the same  
 16 testimony. In any case, it doesn't have anything to do  
 17 with this case except that she is going to comment on  
 18 it.  
 19 Q. (By Ms. Gong) well, I just want to know if  
 20 there is anything specific to this case that you noted  
 21 or observed that I should know about.  
 22 A. Nothing different in this particular case.  
 23 Nothing unique to this particular case, I suppose, if  
 24 that's what you are asking.  
 25 MR. SNURE: No, no. That's a bad answer to a

16

1 bad question.  
 2 THE WITNESS: Oh, okay. I don't understand  
 3 the question. I'm sorry.  
 4 MR. SNURE: There are deficiencies in the  
 5 materials that we received in this case that she can  
 6 identify for you.  
 7 THE WITNESS: Yes.  
 8 MR. SNURE: The motion --  
 9 MS. GONG: well, I think, you know, Mike, she  
 10 is giving a deposition right now. So --  
 11 MR. SNURE: I know. But I'm going to tell  
 12 you right now, we are going to confuse the answer if  
 13 you don't let me address the two. The issues related  
 14 to this case are dependent upon the data that was  
 15 received. And so if you want to place it in that way,  
 16 you'll get the answers you are looking for.  
 17 MS. GONG: Okay.  
 18 Q. (By Ms. Gong) The data that you received in  
 19 this case, what issues or deficiencies did you note?  
 20 A. I'm sorry, but your previous question about  
 21 the regs really confused me. There were a number of  
 22 issues with -- that affect the usability of the results  
 23 in this case. And they relate to sample integrity,  
 24 they relate to method validity, and they relate to the  
 25 reliability of the work that was done in the case.

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1 Q. You identified three areas?

2 A. I'm sorry, what was the first part of that

3 question?

4 Q. So you just identified for me three areas?

5 A. Yes.

6 Q. Can you briefly explain each area?

7 A. Sure. The first area is sample integrity.

8 And that is ensuring that each measurement result that

9 is reported by a laboratory is generated by measuring a

10 sample that has integrity; that is, that we are really

11 confident, because of the way that that sample was

12 identified and collected and packaged and transported

13 and stored and ultimately analyzed, that we are very

14 confident that the final result can be considered

15 representative of this subject's blood at the time the

16 sample was collected.

17 That's the ideal situation. And if you

18 collect a sample in accordance with best scientific

19 practice and if everything is documented and if it's

20 all handled appropriately, then you can have confidence

21 that your final result represents the blood at the time

22 the sample was originally collected.

23 So that's sort of, in theory, what sample

24 integrity is trying to show. The issues in this

25 particular case, based on the records that I reviewed,

18

1 were that, for example, the incident from the inventory

2 form occurred on November 9th, 2011, and the sample was

3 not received by FDLE's laboratory until November 16th,

4 2011. That leaves open the custody and the condition

5 of the sample for that week, that intervening week.

6 In addition, the sample went to the

7 responsible analyst in this case on December 13th,

8 2011, which was more than a month after the sample was

9 originally collected. So there are issues with a

10 couple of factors that studies have shown influence the

11 quality of blood samples; specifically, time and

12 temperature.

13 In order to protect the integrity of a blood

14 sample, you need to ensure that that sample is

15 refrigerated from the point of collection to the point

16 of analysis. You also need to minimize the amount of

17 time between collection and analysis.

18 In this case, from the records, I can't

19 demonstrate that temperature was controlled throughout

20 that period. And the time factor of more than a month

21 is undesirable. You want to be able to get these

22 things analyzed as quickly as possible.

23 Q. Okay. And what's the second area that you

24 have identified?

25 A. Okay. The second area is method validity.

19

1 And in order for a test method to be considered

2 scientifically valid, it needs to be empirically tested

3 in the laboratory to determine its performance

4 characteristics, how well it works.

5 And the FDLE laboratory has done some of that

6 for their lab, for their blood alcohol method, but they

7 have not determined the uncertainty of their method.

8 And that speaks to the fact that every measurement

9 result made by every testing laboratory is simply a

10 estimate that is more appropriately scientifically

11 represented as a range of values that includes the true

12 value that can be set to a known degree of confidence.

13 And that uncertainty determination has not yet been

14 done in Florida for their method.

15 Q. I'm sorry. Let me interrupt you right here.

16 Are you aware of any other jurisdiction that

17 gives the range instead of a specific number?

18 A. My understanding is that Washington State is

19 one, and there is another state, but I don't recall it

20 right off the top of my head.

21 Q. Out of all 50, or out of all the states in

22 the country, only two that you are aware of give the

23 range?

24 A. That's correct.

25 Q. Okay. I'm sorry for interrupting you.

20

1 A. That's okay.

2 Q. And what's the third area?

3 A. The third area is reliability of

4 performance. And that speaks to how well the lab's

5 quality assurance system is working at the time that

6 the results in question were generated. As I indicated

7 earlier, this sample was analyzed in December of 2011.

8 And so the issues that I identified were issues that

9 were in effect at that point in time.

10 Do you have a copy of the discovery there in

11 front of you?

12 Q. Which one are you referring to, the records

13 that Mr. Snure gave you or the --

14 A. Yes.

15 Q. I don't have the FDLE data.

16 A. Well, okay. I will do my best to try to

17 describe them well enough that you can go back and find

18 them, then. In this case, let's see, there is a page

19 that's titled "FDLE-Toxicology Evidence Inventory

20 Form."

21 And this is a form that is completed by the

22 analysts when they first inventory the evidence in a

23 case. And this form is dated 12/13/11. And it was

24 filled out by the analyst in this case, Ruth Vacha.

25 V-a-c-h-a.

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1 She documents the packaging and the labeling  
2 of the samples in this case and the actual blood  
3 specimens, which she documents as two gray-stopped  
4 vials, two ten-milliliter, gray-stopped bottles that  
5 have sodium fluoride and oxalate additive present in  
6 the vials, but she did not document the volume of blood  
7 received in the case.

8 The reason that that's -- well, there are  
9 several reasons that that's important. Underfilled  
10 tubes could lead to inaccurate results. So it's  
11 important to document the actual volume of a tube on  
12 receipt. In addition, it's part of the sample  
13 integrity documentation because the volume of blood  
14 received should be consistent with the volume of blood  
15 remaining after testing.

16 I am currently working on another case in  
17 Florida where there are inconsistencies in those  
18 volumes. And the reason that it's possible to identify  
19 and investigate those inconsistencies is because the  
20 analyst documented the volume upon receipt. So in this  
21 case, the initial volume on receipt was not  
22 documented.

23 The next form that I'll draw your attention  
24 to -- I am putting a Post-It note on these things -- is  
25 a typed form that's titled "Alcohol Analysis (AA-4r1)

22

1 standards and Controls Summary." This is purportedly a  
2 documentation of the origin of the calibration  
3 standards and the control materials that were used in  
4 this case.

5 The traceability of those standard materials  
6 is key to the reliability of the results reported by  
7 the laboratory because that's essentially the basis for  
8 the lab making a determination as to the concentration  
9 of ethanol in the samples, the reliability of these  
10 particular standard materials.

11 In this case, this record is unsigned by the  
12 analyst and there is no date for the batch that was  
13 run, there is no batch ID number that was run, there is  
14 nothing whatsoever to correlate this summary with the  
15 actual batch that was run on December 13th, 2011. It's  
16 like there is a chain and the links don't match up.

17 This piece of paper could be -- could have  
18 been printed off and used for days or weeks in a lot of  
19 different batches. There is nothing to tie this  
20 summary to the actual physical preparation of the  
21 calibration standards and the control materials on the  
22 day that this testing was performed.

23 This is a really serious deficiency in  
24 documenting the work that was done. There is no other  
25 way to know what the true values of these calibration

23

1 standards were or the true values of the control  
2 materials in this batch.

3 Q. Now, in your opinion, these three areas that  
4 you identified, did they lead to a higher blood alcohol  
5 level or lower blood alcohol level?

6 A. They lead to an unknown blood alcohol level.

7 Q. Which could have been higher or lower,  
8 correct?

9 A. Correct.

10 Q. Have you ever done any studies to see how the  
11 results would have been affected if they would have  
12 followed the applications that you have suggested?

13 A. I'm trying to understand your question. You  
14 asked if I have done any studies to see how the results  
15 would have been affected if they had followed the right  
16 procedure?

17 Q. Yes. Followed the procedures that you  
18 suggested.

19 A. I have not done empirical studies, but I have  
20 read the literature related to these factors. And  
21 that's why these kinds of quality control practices are  
22 put in place, to prevent those kinds of problems from  
23 occurring and to be able to identify and detect them if  
24 they do occur.

25 Q. Okay. And what did you rely on in coming to

24

1 that conclusion, specific literature?

2 A. Well, the ISO standard that serves as the  
3 basis for the FDLE laboratories' accreditation is  
4 ISO17025. And that addresses these kinds of  
5 requirements at a very high level. That's probably the  
6 most directly applicable reference.

7 Q. And do any laboratories in the nation follow  
8 these correct standards that you have outlined?

9 A. Yes.

10 Q. And do they follow every single procedure  
11 that you outlined, or are they missing one or two?

12 A. The requirements of ISO are all required,  
13 they are not optional, and there are certainly  
14 laboratories who are fully compliant with that  
15 standard. There are laboratories that I have reviewed  
16 their results and done data audits and have found no  
17 deficiencies in the reported results.

18 Q. And how many laboratories are fully  
19 compliant?

20 A. I can't answer that question. I have not  
21 looked at every laboratory.

22 Q. Okay. Have you come across any laboratories  
23 that have been fully compliant?

24 A. Yes. As I said, I have reviewed work that  
25 was fully compliant.

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1 Q. And what area or jurisdiction did you review  
2 that was fully compliant?

3 A. I'm sorry, I don't understand your question.  
4 what area or jurisdiction?

5 Q. The laboratory that you said was fully  
6 compliant, which laboratory was that, and what state?

7 A. Oh. I don't remember if the laboratory was  
8 even in the same state where the case may have been.  
9 So I wouldn't even be able to answer the jurisdiction  
10 question.

11 Q. Okay. And so off the top of your head, out  
12 of all the audit work you have done, you recall seeing  
13 one laboratory that was fully compliant; is that  
14 correct?

15 A. I am speaking about a fully compliant data  
16 package relating to a specific reported result. And I  
17 have seen more than one of those, but when you say  
18 "fully compliant," realize, I am only looking at the  
19 data that's provided to me. I can't speak to the rest  
20 of the operations of that laboratory.

21 MR. SNURE: I think you are talking about  
22 separate things. Lisa wants to know if you have seen  
23 other laboratories, I think, Lisa, that were fully  
24 compliant with ISO.

25 THE WITNESS: Yes.

26

1 MR. SNURE: And you are talking about  
2 laboratories that have produced documents that were  
3 compliant, fully compliant, with the request, or that  
4 demonstrated that they were in compliance with ISO.  
5 Did I miss it?

6 THE WITNESS: Yes.

7 MS. GONG: That's what I was asking, Mike.

8 MR. SNURE: She wants to know what  
9 laboratories you have seen, if any, that were fully  
10 compliant with ISO.

11 THE WITNESS: Yes, I have seen laboratories  
12 that are fully compliant with ISO in the areas that I  
13 have reviewed. In general, they have been commercial  
14 laboratories, not operated by state agencies or local  
15 agencies.

16 Q. (By Ms. Gong) Do you recall the names of  
17 these commercial laboratories?

18 A. I'm sorry, I don't.

19 Q. Do you know how many you are referring to?

20 A. No, I'm sorry, I don't.

21 Q. Okay. And how many, over the course of your  
22 experience in this field as a quality -- a certified  
23 quality auditor, how many laboratories have you  
24 audited?

25 A. I have conducted on-site audits that are

27

1 typically several days long of dozens of laboratories.  
2 I have conducted data audits of many, many more  
3 laboratories. I have never tried to count, but well in  
4 excess of 100.

5 Q. I only have one more question.  
6 Did you review the standard operating  
7 procedures for the lab, or did you just review the FDLE  
8 regulations?

9 A. I reviewed the standard operating procedures  
10 for the laboratory.

11 MS. GONG: I don't have any other questions.  
12 Mike, do you have any questions?

13 MR. SNURE: No.

14 MS. GONG: Okay. We'll go ahead and say she  
15 is a read, and I will order a copy.  
16 (Deposition concluded at 12:24 p.m.)  
17  
18  
19  
20  
21  
22  
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28

1 IN THE CIRCUIT COURT OF THE NINTH JUDICIAL CIRCUIT  
2 COURT, IN AND FOR ORANGE COUNTY, FLORIDA

3 STATE OF FLORIDA,  
4 Plaintiff,  
5 vs. Case No.: 48-2011-CF-015217-0  
6 DIVISION: 16  
7 STEVEN FRANK MEAD,  
8 Defendant.

9 CERTIFICATE OF COMPLETION

10 I, Denise Kopan, CCR #124, DO HEREBY CERTIFY  
11 that on July 15, 2013, the deposition of JANINE ARVIZU  
12 was taken before me at the request of, and sealed  
13 original thereof retained by:

14 For the Plaintiff  
15 MS. LISA GONG  
16 415 North Orange Avenue, Suite 400  
17 Orlando, Florida 32802

18 I FURTHER CERTIFY that copies of this  
19 certificate have been mailed or delivered to all  
20 counsel, and parties to the proceedings not represented  
21 by counsel, appearing at the taking of the deposition.  
22 I FURTHER CERTIFY that examination of this  
23 transcript and signature of the witness was not waived  
24 by the witness and all parties present.  
25



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