

**THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES**  
**AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY**

convenes the

**THIRTY-FIFTH MEETING**

**CAMP LEJEUNE COMMUNITY ASSISTANCE**

**PANEL (CAP) MEETING**

August 11, 2016

The verbatim transcript of the  
Meeting of the Camp Lejeune Community Assistance  
Panel held at the ATSDR, Chamblee Building 106,  
Conference Room B, Atlanta, Georgia, on  
August 11, 2016.

**STEVEN RAY GREEN AND ASSOCIATES**  
**NATIONALLY CERTIFIED COURT REPORTING**

404/733-6070

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P R O C E E D I N G S

(9:00 a.m.)

WELCOME, INTRODUCTIONS, ANNOUNCEMENTS

**DR. BREYSSE:** So why don't we dispense of a little bit of the greetings and get started, since we're running a little bit late. So good morning. I'd like to welcome everybody to start off the August 11<sup>th</sup> ATSDR Camp Lejeune CAP meeting. We're getting a little bit -- a little bit late start but hopefully we'll be able to make up with some of the time.

So I'd like to begin again by introducing myself. My name is Patrick Breysse. And I'm the Director of the National Center for Environmental Health at CDC as well as the ATSDR, and so I'm here in my ATSDR capacity this morning. And so I'd like to say a few welcoming remarks but I want to go around the room and have everybody introduce themselves first. So why don't we start with Dr. Sarah Blossom.

**DR. BLOSSOM:** Hello. I'm Dr. Sarah Blossom from the University of Arkansas for Medical Sciences in Little Rock.

**MS. FORREST:** Melissa Forrest, Navy

1 representative.

2 **MR. WOLFE:** Good morning, Herb Wolfe from  
3 ATSDR. And I'm currently on a detail to  
4 Dr. Clancy's office at VHA.

5 **DR. ERICKSON:** My name is Loren Erickson. I'm  
6 a physician working at Veterans' Affairs. I also  
7 probably ought to tell you that I'm a 32-year  
8 veteran of the U.S. Army.

9 **MR. TEMPLETON:** Tim Templeton, CAP member, a  
10 victim of Camp Lejeune '84 to '86.

11 **MR. ORRIS:** Chris Orris, CAP member.

12 **MS. CORAZZA:** Danielle Corazza, CAP member.

13 **MR. WHITE:** Brady White. I'm the program  
14 manager for the family member program.

15 **MR. FLOHR:** Brad Flohr, senior advisor and  
16 compensation service from VA.

17 **DR. BOVE:** Frank Bove, ATSDR.

18 **MS. RUCKART:** Perri Ruckart, ATSDR.

19 **MR. GILLIG:** Rick Gillig, ATSDR.

20 **MR. HODORE:** Bernard Hodore, CAP member.

21 **MR. UNTERBERG:** Craig Unterberg, CAP member.

22 **MR. PARTAIN:** Mike Partain, CAP member.

23 **MS. FRESHWATER:** Lori Freshwater, CAP member.

24 **MR. ENSMINGER:** Jerry Ensminger, CAP member.

25 Brady, I didn't recognize you with all that hair. I

1 didn't know you, I didn't.

2 **DR. DINESMAN:** Good morning, I'm Dr. Alan  
3 Dinesman. I'm the medical officer for the office of  
4 disability and medical assessment at VHA.

5 **DR. BREYSSE:** Fantastic. So I'd like to remind  
6 people about some of the ground rules and rules of  
7 conduct. So I'd like to remind people that it's  
8 important to be courteous and respectful of other  
9 participants during the meeting. And as we try and  
10 stick to the agenda I'd like to ask that we try and  
11 stick to the time limits established for speaking,  
12 and as the moderator of this meeting, I'll try and  
13 keep us on track. We want to refrain from profanity  
14 and personal attacks on either... And we'll stick  
15 to the agenda.

16 So this is an open public meeting, and I'd like  
17 to address the members of the audience right now and  
18 remind you that, members of the audience, that  
19 you're here as observers. You may participate in  
20 the meeting when a CAP member asks the questions to  
21 the audience or when they are recognized by myself.  
22 And there'll be time at the end of the meeting if  
23 you have any questions you want to jump in. So  
24 other than those circumstances we ask that you  
25 please keep your thoughts to yourself. And ask

1 people to silence their cell phones.

2 And I'd also like to recognize that -- to the  
3 CAP members, you may see that Sheila Stevens is not  
4 here today. Sheila Stevens is on the detail,  
5 helping out with the Zika efforts, and Jamie Mutter  
6 will be taking over her duties. So Jamie --

7 **MR. ENSMINGER:** Where is she?

8 **DR. BREYSSE:** Yeah, when she comes back I'll  
9 introduce her to everybody. So there's Jamie.

10 So again, good morning, welcome. And we'll  
11 start off by looking at the action items from the  
12 previous CAP meeting, and I'll turn it over to Perri  
13 Ruckart.

14 **MR. ENSMINGER:** I think there's somebody on the  
15 phone. Do we need to find out who's on the phone?

16 **MS. RUCKART:** Ken. I think I heard Ken dial  
17 in. Ken Cantor, are you on the phone?

18 **DR. CANTOR:** Yes, I am.

19 **MS. RUCKART:** Okay, I want to --

20 **DR. CANTOR:** Can you hear me?

21 **MS. RUCKART:** Yes, we can hear you.

22

23 **ACTION ITEMS FROM PREVIOUS CAP MEETING**

24 **MS. RUCKART:** So in the interest of time, let's  
25 try to go through our action items quickly so we can



1 get back on track. We have quite a few action items  
2 from the VA so let me start with those. One of the  
3 action items was that Dr. Clancy will clarify the  
4 relationship between the ICD-10 codes and the VA's  
5 unique codes for conditions. An update on that?

6 **MR. FLOHR:** This is Brad Flohr. I think I've  
7 mentioned in the past, there really is no  
8 relationship between ICD codes and VA's -- VBA's  
9 unique diagnostic codes. There are thousands and  
10 thousands and thousands of ICD codes. They are  
11 codes for not just disabilities or diseases but also  
12 for medical procedures, and quite often used for  
13 billing and for services provided. VBA's diagnostic  
14 codes, we have just over 800. They've been in place  
15 since 1933, if not earlier. It just allows us to --  
16 when someone in Congress or someone from the CAP, or  
17 whoever, is submitting claims for kidney cancer can  
18 come to our kidney diagnostic code for that and find  
19 that out. Much different than ICD codes.

20 **MS. RUCKART:** Okay. The next item for the  
21 VA...

22 **MR. TEMPLETON:** Yeah, is there any kind of  
23 cross-reference between the two?

24 **MR. FLOHR:** No, there's not.

25 **MR. TEMPLETON:** No cross-reference. Okay.

1           Then I'll just make a real quick comment, then we  
2           can go on. That may be an issue here, especially as  
3           it pertains to the classification of the claims.  
4           When people claim that they, let's say, have breast  
5           cancer, and there are several different ICD codes  
6           that go for that, but there are, I assume, maybe a  
7           couple of different ICD -- or excuse me, VBA codes  
8           that work for that. So we're having an issue right  
9           now with the very low number of breast cancer, and  
10          maybe we can cover that a little bit later, but with  
11          a very low number of them, and one of the answers  
12          that I got to a question recently on that will have  
13          to do with the classification of it, whether it  
14          actually was breast cancer or not, when there are  
15          several different places that it can manifest and  
16          ways that it can be diagnosed versus the number of  
17          codes. So I guess maybe I should put the question  
18          in that kind of a format here. Is that is there any  
19          correlation, any way to make a correlation between  
20          the diagnostic codes that, like you said, sometimes  
21          are used for billing but also pertain to diagnosis  
22          of an illness, and I would think that that would  
23          have some kind of a correlation to VA. If not then  
24          I can see where there would be a big disconnect and  
25          why some of them might not be classified as breast

1 cancer, when they probably do.

2 **MR. FLOHR:** Well, not necessarily. I mean, for  
3 our purposes, VBA purposes, someone files a claim,  
4 says I have breast cancer or... And we investigate  
5 it. We, you know, schedule an examination with VHA,  
6 if we need one, if we don't have private medical  
7 records that we can use. But when we either grant  
8 or deny the claim, you know, we use the diagnostic  
9 code for that. That allows us to go back in time  
10 and find out how many people have filed a claim for  
11 breast cancer, whether it is or is not.

12 **MR. TEMPLETON:** Right, but with the private  
13 medical records, they're not going to have a VA  
14 code.

15 **MR. FLOHR:** We don't need those from private  
16 medical records. This is only for our own tracking  
17 purposes.

18 **MR. TEMPLETON:** Okay. So then you would have  
19 to take what's basically the ICDs that are being  
20 used within the private medical records and  
21 correlating that somehow.

22 **MR. FLOHR:** Not really.

23 **MR. TEMPLETON:** I don't -- they're --  
24 they're --

25 **MR. FLOHR:** We try --

1                   **MR. TEMPLETON:** -- they're all over --

2                   **MR. FLOHR:** -- we track -- we track the claims,  
3 Tim. We don't track medical usage, medical care.

4                   **MR. TEMPLETON:** Right, but the evidence going  
5 into the claim is --

6                   **MR. FLOHR:** We track the evidence that goes in  
7 the claim.

8                   **MR. TEMPLETON:** Not any of the -- well, you --  
9 how -- then how would you decide the claim if you're  
10 not looking at the private medical records?

11                   **MR. FLOHR:** Well, you look at them, and then  
12 make a decision to grant or deny the claim. We  
13 identify -- okay, we've considered breast cancer,  
14 either it's granted or it's not.

15                   **MR. TEMPLETON:** Okay.

16                   **MR. FLOHR:** In either condition the same  
17 diagnostic code identifies the issue.

18                   **MR. TEMPLETON:** But I guess the issues -- as  
19 far as we can settle it, it's already -- it's  
20 settled as far as I'm concerned, but I would just  
21 make the point that the ICD codes are fairly precise  
22 as far as what they mean, and they have to be for  
23 insurance purposes.

24                   **MR. FLOHR:** And that -- for VHA, yes. And  
25 that's, that's -- they do use ICD codes.

1                   **MR. TEMPLETON:** Okay.

2                   **MR. FLOHR:** But for our purposes, no, they  
3 don't need to be that precise.

4                   **MR. TEMPLETON:** I just see a disconnect there.  
5 There's no cross-reference of any way. I could see  
6 why you have a bunch of denials for what is not  
7 breast cancer when it is breast cancer. I'll just  
8 say that and leave it out there that way. All  
9 right, thanks.

10                   **MS. RUCKART:** So the next item for the VA, the  
11 CAP requested that Brad Flohr clarify what it means  
12 to not solely rely on the NRC report, and he will  
13 determine what weight is being put on the NRC  
14 report. And the CAP also requested that the VA  
15 justify why the NRC report is still being used for  
16 determining claims.

17                   **DR. DINESMAN:** Good morning. This is Alan.  
18 Thanks, I'll go ahead and answer that since I'm  
19 involved with the examinations themselves. The NRC  
20 report is just one of many articles that can be used  
21 as far as looking at evidence for a specific case.  
22 Every individual is looked at as an individual, so  
23 it's not a cookie-cutter type of evaluation. And  
24 again, we look at all the evidence that we can to  
25 try to find support for the veteran's claim.

1           **MR. ENSMINGER:** The NRC report should not be  
2 used for anything. It is not a study. It was not a  
3 study. Let's get that straight right up front. It  
4 was a committee that was formed that did a  
5 literature review of studies that had already been  
6 completed. And then they cherry-picked through it  
7 and picked out what they wanted to use in that thing  
8 to benefit the Navy, who paid for it. The thing was  
9 skewed from the beginning, and we've proven that  
10 that thing is null and void. They didn't even take  
11 into consideration all the contaminants that were at  
12 play at Lejeune. So you need to quit using the NRC  
13 report completely.

14           **DR. DINESMAN:** Well, if I can just comment.  
15 The fact that it is not a study is not uncommon.  
16 It's what is called a meta-analysis, where --

17           **MR. ENSMINGER:** It wasn't even a meta-analysis.

18           **DR. DINESMAN:** -- where people will go back and  
19 do summaries. It's important that whoever is  
20 reviewing the evidence looks at the evidence in  
21 accordance with how it relates, and so there may be  
22 information in there that is still up-to-date; there  
23 may be information that is not. And it comes from  
24 not a single report. I don't think anybody is  
25 hinging their decisions just on what the NRC report

1           may say. It has to do with all of the literature  
2           available.

3           **MS. FRESHWATER:** Well, the question --

4           **MR. PARTAIN:** Well, I mean, how come, with  
5           these decisions that we're getting back for the  
6           veterans, the most common reference cited in them  
7           now is the NRC report and permutations? They've  
8           called it the National Research Council, they've  
9           called it all kinds of things. But the NRC report  
10          appears time and time again as the primary reference  
11          in the denial.

12          And going back to what Jerry was saying about  
13          the report, it is not a meta-analysis; it is a  
14          literature review that was completed. And there was  
15          significant problems, including a review by a  
16          scientist and also the former director of the ATSDR  
17          back in 2010, citing that the report was, you know,  
18          basically scientifically not valid.

19          **MR. ENSMINGER:** Furthermore, not only did that  
20          report, or that -- the NRC report not cover all the  
21          contaminants at play at Camp Lejeune, for God's  
22          sake, that report was written before TCE was  
23          reclassified. It's null and void. It should not  
24          show up in anything, any decision anywhere.

25          **MR. TEMPLETON:** Two good points on that. One

1 is that the NRC report, and in fact some of the  
2 places within the NRC report, that I have seen cited  
3 in the denials that I've seen, ignores many of the  
4 other parts of the NRC report that supported. In  
5 fact it is, quite definitely and curiously,  
6 cherry-picking, to get only the parts that would  
7 deny the claim. And I've seen several instances  
8 where they ignored several parts of the report that  
9 had evidence in support of the claim. That's number  
10 one.

11 Number two, I think that it's important for  
12 everybody to know and I think it's very curious  
13 that, when we started complaining about the citation  
14 of the NRC report in denials, then all of a sudden  
15 the words *NRC report*, as Mike was saying,  
16 disappeared. And then they started referring to it  
17 as something else, as Camp Lejeune task force  
18 experts or something like that, but essentially it  
19 was the same thing. So why would -- after we had  
20 complained, if it's legitimate and it's on the  
21 up-and-up for use in that, why would, then all of a  
22 sudden, it would be at least an attempt to conceal  
23 it have been done within the -- within the denials?

24 **DR. DINESMAN:** First, what I'd like to clarify  
25 is the examinations are opinions. So we say



1 examination but it is an opinion; it's a review.  
2 Think of it as medical expert testimony, all right?  
3 The examiners do not deny a claim; they do not  
4 approve a claim. We are there just to provide  
5 medical opinions. Think of us as the expert witness  
6 on the stand, and then think of VBA, the raters, as  
7 the judge and jury, all right?

8 So we have to look at the two different parts,  
9 and so you have to be able to say, well, are you  
10 giving a correct or an adequate opinion? And then  
11 we can talk about whether the adjudicator is  
12 applying the legal aspects correctly, all right?

13 And the difficulty that we have here is that  
14 much of the data that is out there right now is  
15 based on occupational studies. This is an  
16 environmental study and -- or environmental issue.  
17 And so there is a certain amount of uncertainty in  
18 any piece of literature, all right? And you would  
19 expect that the clinician who is reviewing that  
20 literature is going to look at that literature and  
21 determine, in their mind, as an expert, you know, as  
22 an expert witness, whether or not it meets a certain  
23 criteria. And while there may be concerns about  
24 what one study says versus another, again, it's up  
25 to that individual to gather all the available

1 evidence and use that in accordance to the way that  
2 they are mandated to do their exam or evaluation.

3 And the evaluations, I've got to say, are very  
4 veteran-centric. Just because you may see a  
5 negative opinion it doesn't mean that they're not  
6 trying, all right? They are looking at it for the  
7 possibility of applying it.

8 Now, you also have to keep in mind, and I do  
9 have to kind of make an important consideration,  
10 from the examiner. You know, we all have rules that  
11 we have to follow, and the rule to follow is, for  
12 the examiners, is it as least as likely as not? All  
13 right, that's a 50/50 --

14 **MS. FRESHWATER:** Can we get back to where we  
15 started? I'm sorry to interrupt. Can you reread  
16 the action item?

17 **MS. RUCKART:** Okay. The CAP requested that  
18 Brad Flohr and the VA clarify what it means to not  
19 solely rely on the NRC report and that the VA will  
20 determine what weight is being put on the report.  
21 And then the CAP requested that the VA justify why  
22 the report is still being used for determining  
23 claims.

24 **MS. FRESHWATER:** I don't think we've gotten an  
25 answer to that, and I would like to just kind of

1           redirect our attention back to that question.

2           **DR. DINESMAN:** All right, let me answer that a  
3           little more directly, but thank you. The VA, VHA,  
4           the subject matter experts do not necessarily look  
5           at one single piece of evidence upholding any more  
6           weight than another. All evidence --

7           **MS. FRESHWATER:** But this has been debunked.  
8           This is -- the scientists say that this is not good  
9           science; that it's outdated. I want a justification  
10          as to why you can't just take it out. Why, why -- I  
11          need the justification as to why it's still used.  
12          There's plenty of other science that you can be  
13          relying on, so why must that stay in there? Because  
14          the only logical conclusion that we can draw is that  
15          so that you can keep denying claims.

16          **DR. DINESMAN:** Again, it is still part of the  
17          literature, and it still must be addressed. We can  
18          look at all sorts of --

19          **MS. FRESHWATER:** Why must it still be  
20          addressed? Who is it that's saying that this is so  
21          important that it still must be addressed?

22          **DR. DINESMAN:** It is still part of the  
23          evidence.

24          **MS. FRESHWATER:** What -- who says?

25          **DR. DINESMAN:** It's a part of general medical

1 evidence. You review the literature.

2 **MS. FRESHWATER:** But who, who says that? Who  
3 makes that decision?

4 **DR. DINESMAN:** The clinician who's reviewing  
5 the information is -- it's up to that person to  
6 review the data that is out there, that is  
7 published, and --

8 **MS. FRESHWATER:** So that this clinician can  
9 overrule your decision, to say that this report  
10 should not be used as -- in this process anymore  
11 because of the complaints about it and because of  
12 what the scientists are saying?

13 **DR. DINESMAN:** This is a subject matter expert.  
14 This is expert testimony.

15 **MS. FRESHWATER:** So they can just choose to use  
16 Wikipedia, which is what you've done in the past.

17 **DR. DINESMAN:** I can't say that personally.  
18 I'd have to look at the individual cases to answer  
19 something like that, but --

20 **MS. FRESHWATER:** But this should not be used.  
21 Why -- and we've been going on with this for years.  
22 Years. It should not be used anymore. We formally  
23 request that it's taken out as a source, and I would  
24 like a justification as to why that can't be done,  
25 and I'm not hearing one.

1           **MR. PARTAIN:** Okay, quick question --

2           **DR. BREYSSE:** I think we have a million. I'm  
3 only kidding a little bit. I think we asked the  
4 question, and we have an answer. It might not be to  
5 your satisfaction, but I think --

6           **MR. TEMPLETON:** I don't know if we're going to  
7 get anything different.

8           **MR. PARTAIN:** But here's a point that I want to  
9 make about the SME issue, and this is out of the  
10 denial here, when you're talking about reports and  
11 stuff. The National Academy of Sciences' National  
12 Research Council published this article contaminated  
13 water supplies at Camp Lejeune, assessing potential  
14 health effects in 2009. This report included a  
15 review of studies addressing exposure to the  
16 chemicals found to contaminate the water at Camp  
17 Lejeune. The report's cited in there, very  
18 prominently, very formal.

19           Now, I deal with experts, medical experts,  
20 engineers, in my line of work, and any expert that's  
21 worth their grain of salt, when they produce a  
22 report, are going to include the references of which  
23 that report is based, yet I don't see these  
24 references in these denials. How do we know what  
25 reports and what reviews that you're reviewing if

1           you don't cite them? The only time -- the only  
2           things I see cited in these denials, time and time  
3           again, is the NRC report.

4           **MS. RUCKART:** Mike, this leads to the next  
5           action item, so.

6           **MR. PARTAIN:** Okay. So well, and here's my  
7           point. If you are going to review and you're going  
8           to be providing a decision, that is life and death  
9           to these people, you should, and you shall cite  
10          where you're making these decisions off and what  
11          information you're using. I mean, it's only fair to  
12          these veterans that you do so.

13          **MS. RUCKART:** So that's a perfect segue into  
14          the next agenda item, which is the CAP requests that  
15          the VA make public the bibliography of studies used  
16          by SMEs for determining claims.

17          **MR. PARTAIN:** Well, not just the bibliography  
18          of the studies, but what studies you're actually  
19          just making your decision on, because, I mean, you  
20          got literature out there. Yes, the NRC is a body of  
21          literature and everything, but there are plenty of  
22          things that have come out since the NRC that have  
23          more weight, even the report that the VA accepted in  
24          February of last year recommending that the VA give  
25          benefit of the doubt to veterans with kidney issues,

1 and you guys still have not used that. I've not  
2 seen that in any of the reports, and I've seen  
3 plenty of kidney cancer denials since that report  
4 was issued. Why? I don't understand.

5 **MR. ENSMINGER:** Well, another thing is your  
6 examiners, from what I can tell, most of them, they  
7 only have family practice credentials. But yet a  
8 veteran will come in with a nexus letter, or maybe  
9 even two, from an oncologist, who's their treating  
10 physician, and your examiners overrule their  
11 oncologist. I mean, how's that work?

12 **DR. BREYSSE:** So I think we've got to stay on  
13 track. That's a different issue. So I think it's  
14 clear that there are concerns about the literature  
15 that's being relied on and how these decisions are  
16 being made. And the VA has attempted to answer  
17 that, and it's clear also to me that not to your  
18 satisfaction. But can we stay on track a little  
19 bit? Is there a response to the action item that  
20 Perri Ruckart has mentioned about the bibliography?

21 **MR. FLOHR:** This is Brad Flohr. We provided  
22 that last December.

23 **DR. ERICKSON:** Yeah, because I sat here with my  
24 computer at the last meeting --

25 **MR. ENSMINGER:** I remember it. I remember

1           seeing it. It looked like you all did a Google  
2           search and just wrote stuff down.

3           **DR. ERICKSON:** Well, actually we were accused  
4           of being unresponsive. There had been a mix-up  
5           between ATSDR and VA of providing perhaps the list  
6           that we were working off of, and so in trying to be  
7           responsive instantaneously, I actually brought it up  
8           on my computer at the last meeting. That's why my  
9           computer's open now, in case there's something we  
10          need to get, and reach back to VA for this.

11          I have a recommendation, Mr. Chairman, as you  
12          run your meeting, and that is that, with this being  
13          Dr. Dinesman's first time in the barrel, and hearing  
14          the issues that are really important to the  
15          community, as expressed by my friends and colleagues  
16          from the CAP, if you could package these for him?  
17          This will give him something to work off of. In  
18          other words, I've heard seven or eight very specific  
19          issues you've brought up, some of which we've been  
20          able to convey to him. But again, work with us,  
21          work with him to bring forward, again, your  
22          concerns.

23          And I think Brad had provided in particular a  
24          release form. You know, in other words we cannot  
25          talk about very specific cases without a release



1 from that individual. But if there is a specific  
2 case that really sticks in your craw, and we have a  
3 release from that individual, then we can -- you  
4 know, Brad, Dr. Dinesman, we can talk more directly  
5 to that specific case. And if there's an issue that  
6 needs to be corrected, we can take corrective  
7 action. But if we keep it sort of in the abstract I  
8 don't think we get to where we want to be as a team.

9 **MS. FRESHWATER:** I agree, and that's why I was  
10 trying to redirect this out of the abstract and back  
11 to the question at hand, which is the NRC report.  
12 So if you can help me how I can help you as a  
13 colleague, how can we get to a place where we can  
14 get like an answer? Like I -- that's all I want.  
15 So if you can tell me, then I will gladly table  
16 this, and we can do that, but I just need some way  
17 to know how I can get an answer.

18 **MS. RUCKART:** A lot of the next action items, I  
19 think, are more concrete and do lend themselves to a  
20 specific answer, so would it be okay to keep going?  
21 I mean, we're going to have another chance later on  
22 in the agenda to talk to the VA. Did you want to  
23 say something?

24 **MS. CORAZZA:** No, I would just reframe the  
25 question. So if the VA experts are subject matter

1 experts providing expert testimony, why are they not  
2 being -- or is there a formal training? Are they  
3 required to be trained a certain amount of hours per  
4 year to maintain that expertise, because if they  
5 were they would be on board with us in realizing  
6 that that report was useless, and they would not be  
7 citing it on a regular basis. So it's hard for us  
8 to embrace their credibility when they are  
9 continuing to use bad science, that we are sitting  
10 in front of some of the top scientists in the  
11 country that have worked on this. And so that's  
12 where the frustration lies. They should be aware of  
13 this too, but we're getting -- consistently getting  
14 claims that are quoting it and using Wikipedia. So  
15 it's hard to, you know, justify that.

16 **MS. FRESHWATER:** And maybe I'm just not being  
17 clear enough. I don't want this report used  
18 anymore. What do I need to do -- my question to the  
19 VA is what do I need to do, as a representative of  
20 the community, to stop you from using this report to  
21 deny veterans' claims?

22 **MR. TEMPLETON:** And just to piggyback on that  
23 real quick, in the interest of time, I also wanted  
24 to point out, as far as dealing with the law, is  
25 that we've also seen several instances where the VBA

1 has sent a -- has remanded a case. In fact remands  
2 in Camp Lejeune are one for every two at this point,  
3 which is extremely high.

4 But in addition to that we have seen some that  
5 came back from VBA where VBA told the SME to  
6 reconsider and make the decision, and had some basis  
7 for that. But it was sent back down; they ignored  
8 it. So I don't know how that's consistent with the  
9 law. I know that CAVC is actually the governing  
10 authority on that too, but VBA, I think, should hold  
11 some weight when they send these back down. It  
12 hasn't happened once; it hasn't happened twice.  
13 It's happened more than that, where they actually  
14 cited this evidence when the VBA was sent back down  
15 as a remand to them to redo, and they stood on their  
16 original decision.

17 **MR. PARTAIN:** And Dr. Erickson, you know, this  
18 is not a new issue, and I do understand -- I haven't  
19 got his name down, but the gentleman here that's  
20 with you from the VA. Has any of the information  
21 that we've been bringing up over the past two years  
22 now been funneled down to him? You mentioned the  
23 release form. We didn't -- we asked for the release  
24 form in May, at the last CAP meeting. It's now  
25 August. We got the release form, I think, two days

1           ago or three days ago, which, I mean, we could've  
2           gotten some information, been more prepared and  
3           giving you some people's signatures, but three days  
4           before the meeting doesn't fly.

5           And lastly, going back when we were talking  
6           about, you know, my big beef with the SME is you're  
7           using experts and you're essentially hiring a hired  
8           gun to do these reports. They're not providing any  
9           references in the reports. And you're moving the  
10          bar up for the veteran, because the veteran, to do a  
11          comparable thing, has to go out and hire their own  
12          expert. And in the interest of the veteran and in  
13          doing the right thing for the veteran, their  
14          references in what they decide on the report is not  
15          just a bibliography that you release to us. It  
16          needs to be specifically cited on there so that when  
17          the veteran gets the denial they can look at it.

18          When I have a claim and I'm working on it, and  
19          I hire a subject matter expert to evaluate a  
20          person's home, or something like that, and I get the  
21          report, and I deny the claim, my denial letter has  
22          that report, complete with references, photographs,  
23          a write-up and everything in the hands of the  
24          policyholder. A veteran should expect no less.

25                 **DR. BREYSSE:** Okay. So in terms of packaging,

1 Dr. Dinesman, you hear a lot of concern about the  
2 SME process: The information that they rely upon,  
3 the training that they have, and how that's  
4 communicated back to the veterans via a letter. So  
5 if we can move forward with some of the more  
6 specific action items.

7 **MS. RUCKART:** The CAP wanted to know the  
8 percent of people who have received letters letting  
9 them know their claim is being held until new rules  
10 are developed. Is that Brady?

11 **MR. FLOHR:** No, that's not Brady; that's us. I  
12 don't know the percent. I do know that, as of the  
13 other day, we had staid about 920 claims that we  
14 can't grant at the moment until we publish  
15 regulations. And we have worked with Louisville.  
16 I've talked with their director there, and the  
17 service center manager, to try and find a way around  
18 that, perhaps, and just grant these claims, whether  
19 to deny it, or however kind of presumptives there  
20 are. And actually I drafted something that would  
21 make that happen. It got through a couple layers of  
22 concurrence, and then our lawyers said, no, we can't  
23 do that. But we have tried, and continue to work  
24 that as much as we can. And I know Louisville wants  
25 to grant them; we want to grant them. We just can't

1 do it at this time.

2 **MR. ENSMINGER:** Well, on the subject of the  
3 presumptions, where are we at on that?

4 **DR. ERICKSON:** Well, I have a whole section of  
5 the agenda on that.

6 **MR. ENSMINGER:** Okay.

7 **DR. ERICKSON:** Mr. Chairman, I want to  
8 recommend that in the future maybe the VA formal  
9 presentation be moved up right at the very  
10 beginning, and then the due-outs follow that. I  
11 think that would be more efficient. I know a few of  
12 the meetings I've attended, we tend to have a lot of  
13 interest from the community, from the CAP, for all  
14 the issues that we're going to be discussing in our  
15 presentations, and that just sort of steals the  
16 thunder, it sort of gets it off kilter. And if we  
17 had an opportunity, for instance, at the next  
18 meeting, perhaps Dr. Dinesman presents about DMA  
19 process and some of the issues that have been  
20 brought up, you know, Brad can provide some updates  
21 in his, and then we can look at the due-outs. I  
22 mean, we may very quickly see that the answers have  
23 been provided in those presentations.

24 **MS. FRESHWATER:** Dr. Erickson, can I just go  
25 back? So were you trying to, I mean, answer that

1 question that I asked you about, what I need to do  
2 as a CAP member to get the NRC report to stop being  
3 used and cited? I mean, you don't have to do it on  
4 the spot right now, but I would like -- I just want  
5 to put that on the record that I want an answer to  
6 that.

7 **MS. RUCKART:** I've captured that as something  
8 you've requested.

9 **MS. FRESHWATER:** Okay.

10 **MS. RUCKART:** And plus I read through the  
11 transcript and I pull out anything, you know, major  
12 from there, so.

13 **DR. ERICKSON:** Well, and let's -- at the break  
14 let's talk about it directly.

15 **MS. RUCKART:** So the next item, I don't think,  
16 needs to have a lot of discussion or hopefully no  
17 discussion, but just wrapped up in the discussion  
18 about the SMEs, the CAP requested information needed  
19 to FOIA the ethics review of the SMEs. If you keep  
20 that in mind as you further discuss that SME issue.

21 The CAP requested a copy of the form to release  
22 information to speak on behalf of a veteran. We  
23 know that you've received that.

24 The VA was requested to provide an update on  
25 the process of getting an ombudsman to help with the

1 claims process.

2 **MR. FLOHR:** I think, Lori, that was your  
3 request. No? What was yours? Yeah, I know.  
4 Whoever's it was, ombudsmen, we have some ombudsmen  
5 in the VA, not many, I don't think, but there are  
6 some, and it is a actual position that has to be  
7 approved by office of personnel management, that has  
8 to be budgeted. I know our people in Louisville,  
9 that I mentioned, they have an ombudsman or have  
10 one, they say they don't have anybody currently.

11 It would have to be a new position created,  
12 have to be staffed, it'd have to be announced, it'd  
13 have to be budgeted. So at this point I can't say  
14 that we could or would do anything at this time. If  
15 you could provide some -- something which would  
16 really show a need, specifically what that need  
17 would address, and then we could take it from there.  
18 Okay.

19 **MS. RUCKART:** Okay. There was a request to  
20 invite a representative from the office of  
21 disability and medical assessment. Is that where  
22 you're from, Dr. Dinesman? Okay. And also to have  
23 you participate in monthly conference calls so we  
24 can talk to you about that and see about  
25 facilitating that?



1                   **DR. DINESMAN:** Please.

2                   **MS. RUCKART:** The CAP requested that the VA  
3 provide information on how many reported male breast  
4 cancers were confirmed to have the condition and how  
5 many were not breast cancer. Did you want to do  
6 that now or during your VA session?

7                   **MR. FLOHR:** Well, no, we provided this to the  
8 CAP in January of this year, and I sent it to you  
9 again. But we did a review of male breast cancer  
10 cases, and how many actually were breast cancer and  
11 how many were not. And you have that report. I  
12 gave it to you in December, and I sent it to you  
13 again.

14                   **MS. RUCKART:** Was that forwarded too? I can't  
15 recall. Brad sent me a few emails earlier this  
16 week. Yeah? Okay, good. Okay, the CAP requests  
17 from the Camp Lejeune family member program with the  
18 VA the current treatment position report, active  
19 versus remission status. Is that for you, Brady?

20                   **DR. ERICKSON:** I think I've got that. Just so  
21 you know, it's the treating physician report. I  
22 don't think the word *position* is in there. I think  
23 it's physician. Am I right? Okay.

24                   I made sure that I had the updated information  
25 on this. In order to give the answer to this I'm

1 going to sort of steal some thunder from the agenda,  
2 which is why I asked --

3 **DR. BREYSSE:** If you'd rather hold it 'til the  
4 --

5 **DR. ERICKSON:** Well, can I hold it? Is that  
6 okay? Because there is a coherent answer that will  
7 pull together.

8 **DR. BREYSSE:** Sure.

9 **MS. RUCKART:** All right the next item is the  
10 CAP requests an explanation of Dr. Clancy's  
11 oversight role.

12 **DR. ERICKSON:** Okay, I have that.

13 **DR. BREYSSE:** Do you want to hold that for your  
14 presentation or is that...

15 **DR. ERICKSON:** Well, I'll just do it very  
16 quickly. So Dr. Clancy, her involvement here was  
17 when she was the interim undersecretary of health.  
18 It's a very, very senior -- it's like a four-star  
19 general position within the VA. I think that the  
20 issues that we were dealing with at the time were  
21 important enough that we wanted to bring the most  
22 senior leader we could to the meeting, and she was  
23 very much concerned that we be as involved as we  
24 could be from Veterans' Affairs. She's  
25 unfortunately not able to be here at this meeting.

1           Let you know that she has a new job right now. With  
2           some of the reorganization with the fact that there  
3           was a new undersecretary named, she's now a deputy  
4           undersecretary. I'm just reading from the website.  
5           I'll make it very quick. She's the deputy  
6           undersecretary of health for organizational  
7           excellence, Veterans' Health Administration, so  
8           organizational excellence. And what that means is  
9           she leads, I'm just reading here, she has oversight  
10          over VHA's performance, quality, safety, risk  
11          management systems, engineering, auditing, oversight  
12          ethics and accredit issue programs. So that's  
13          directly from the website.

14                 I will tell you that I respond to her probably  
15                 three times a week. I see her frequently at  
16                 meetings, and we talk directly about where things  
17                 are going, some of these subjects you're going to  
18                 hear in a minute. She sends her greetings to you,  
19                 and tells you that she still remains concerned, and  
20                 is certainly very much involved, just was unable to  
21                 come today.

22                 **MS. RUCKART:** Okay. So the next item is  
23                 related to the previous discussion about the SME  
24                 reviews, so just to make you aware, and you can keep  
25                 that in mind when you're formulating your response

1 to that. The CAP requested the number of claims  
2 where the VA made a decision without needing an SME  
3 review. And then Brad had said previously that it  
4 was difficult to get that, given the way you  
5 currently collect data. And then the CAP asked you  
6 to revisit and see if that would somehow be  
7 possible.

8 **MR. FLOHR:** I did ask our folks in Louisville  
9 if they had done such a claim. They canvassed their  
10 decision-makers that make the decisions, and at  
11 least one of them said yes, I did use one. I  
12 granted one, granted one on the basis that the  
13 private medical opinion was complete. It was as  
14 good or better than the SME opinions that we get,  
15 and they granted the claim. They did not remember  
16 the veteran's name. It was never at that time, but  
17 yes, it has been done. Maybe only once but it's  
18 been -- I think there's been a few of them, but they  
19 remembered that one in particular.

20 **MS. RUCKART:** Okay. The CAP asked if the VA  
21 could handle claims differently for the conditions  
22 on the presumptive list before the rule takes effect  
23 instead of staying the claims. So is there any  
24 update?

25 **MR. FLOHR:** Yes, what I just mentioned, that we

1 looked at that, and so far we've not been able to do  
2 that.

3 **MR. TEMPLETON:** Was that OGC that made that  
4 decision for you?

5 **MR. FLOHR:** It's on the transcripts.

6 **MR. UNTERBERG:** Did they give you any insight  
7 on a legal basis for that?

8 **MR. FLOHR:** Just that it would be contrary to  
9 our current statutes and regulations.

10 **MS. RUCKART:** Okay. The VA was asked to follow  
11 up to see if any actions were taken regarding the VA  
12 employee who posted erroneous information on social  
13 media.

14 **DR. ERICKSON:** Okay, so I had that. One of my  
15 associates, directly followed up with this  
16 individual, discussed, provided new information.

17 But I want to underscore something that's  
18 really important here. If the folks in the  
19 community, and the CAP members in particular, see  
20 egregious things, where someone is identifying  
21 themselves on social media, identifying themselves  
22 as a VA employee, and it looks like they're off  
23 balance, they're misrepresenting something,  
24 basically, I mean, contact me directly or contact me  
25 through ATSDR, ask me to put direct -- direct

1           action. I'm not going to talk about, you know,  
2           action that may relate to this employee's  
3           discipline, et cetera, but I will tell you that we  
4           did interact with this individual directly.

5           **MS. RUCKART:** The CAP --

6           **MR. UNTERBERG:** Thank you, by the way.

7           **MS. RUCKART:** The CAP asked that the VA can see  
8           about including the SME opinion in the denial  
9           paperwork that gets sent out to a veteran or family  
10          member.

11          **MR. FLOHR:** This is Brad. I'm not aware that  
12          we have talked about that. I think it should be  
13          possible but let me check on that, and I'll get back  
14          to you.

15          **MS. RUCKART:** The next few action items are for  
16          the DoD, so I'm looking at you, Melissa. The CAP  
17          requests nondisclosure agreements from DoD for  
18          reviewing documents that have not been publicly  
19          released. They wanted to know if there's a  
20          mechanism for how they can work with the DoD  
21          attorneys.

22          **MS. FORREST:** This is Melissa Forrest. The  
23          Marine Corps recognizes that the CAP has an  
24          important role to provide input and community  
25          perspective to ATSDR. Nondisclosure agreements are

1 signed by federal government employees or  
2 contractors working in an official capacity.  
3 Therefore as a community group, a nondisclosure  
4 agreement wouldn't be applicable. Documents  
5 released to the CAP are also considered a release to  
6 the general public. Such releases require that a  
7 proper review be completed before providing any  
8 documents.

9 And on the second part of that action item, DoD  
10 attorneys advise staff, unless they're not generally  
11 available for direct questions from the public.  
12 However, any legal issues that arise through  
13 discussions with the CAP are provided to attorneys  
14 for resolution. The Marine Corps recommends that  
15 any legal questions for resolution be submitted as  
16 any other action items through the Department of the  
17 Navy's representative to the CAP.

18 **MS. RUCKART:** Okay. The next item for you, the  
19 CAP requests information on what the Marine Corps  
20 does as follow-up in litigation for children with  
21 elevated blood lead levels.

22 **MS. FORREST:** I apologize in advance. This is  
23 a very long response, because there are a lot of  
24 actions that are taken, but I'll try to read it  
25 quickly.

1                   **MS. FRESHWATER:** Can we get a copy of that,  
2 Melissa?

3                   **MR. ENSMINGER:** And then you don't have to read  
4 it.

5                   **MS. FORREST:** Okay. Yeah, because it's quite  
6 long. I'll give you my copy that I have here.

7                   **MS. RUCKART:** The CAP requests an explanation  
8 of why the Marine Corps will not send a uniformed  
9 representative to CAP meetings. The CAP requested  
10 that this be addressed to former Marines in the  
11 audience and not to the CAP.

12                   **MS. FORREST:** Well, I'm addressing this to  
13 everyone present. The Marine Corps remains  
14 committed to the founding purpose of the Camp  
15 Lejeune CAP and to receiving useful input from the  
16 CAP. Based on past experiences with sending a  
17 uniformed representative to the CAP the Marine Corps  
18 did not find their presence to be productive or  
19 useful to the CAP discussions. To that end the  
20 official Department of the Navy CAP representative  
21 remains the most effective means of participation  
22 with the CAP, and will continue to relay information  
23 back to the Marine Corps and the Department of Navy  
24 team so they can determine how to best support CAP  
25 principles.



1                   **MR. ENSMINGER:** So they're hiding.

2                   **MS. FRESHWATER:** Could you once again assure  
3 the Marine Corps that we will not be threatening and  
4 that we will follow our rules of code of conduct and  
5 that they will be safe among a room full of  
6 community members and other Marines and veterans.  
7 And could you please request that they send a  
8 uniformed member to the next CAP meeting? Thank  
9 you.

10                   **MR. PARTAIN:** To dispense with the formalities,  
11 I mean, that's a load of crock, as what Jerry would  
12 say. The Marine Corps provided contaminated water  
13 to a million Marines and their families. In the  
14 media statement the Marine Corps consistently states  
15 that they are concerned about the Marine family.  
16 Their absence here is duly noted, and it is a slap  
17 in the face to those one million Marines and their  
18 families, including myself.

19                   **MR. ENSMINGER:** And furthermore, for the first  
20 several years there were representatives from the  
21 Marine Corps, active duty, in uniform, that  
22 represented at our meetings, until it got to the  
23 point where they couldn't answer the hard questions  
24 they were getting. And then they hid. That's  
25 whenever your predecessor started being fed to the

1 sharks, okay?

2 **DR. BREYSSE:** So Lori's request is on the table  
3 for you to take back.

4 **MS. FORREST:** And I will say that I passed on  
5 your comments. I will pass them on again.

6 **MS. FRESHWATER:** Thank you.

7 **MR. ENSMINGER:** To Scott Williams?

8 **MS. FORREST:** There is a large group of people  
9 who work on these responses. It's not just a --

10 **MR. ENSMINGER:** Oh, I'm sure of that, but who  
11 do you report to?

12 **MS. FORREST:** There's a group. I report to --  
13 I discuss all this with people at Marine Corps  
14 headquarters, at Camp Lejeune. It's a large group  
15 of people. Yes, Scott is one of them.

16 **MR. ENSMINGER:** And then attorneys.

17 **MS. FORREST:** There's a large group of people  
18 that I --

19 **MR. PARTAIN:** And just out of curiosity, the  
20 statement that you just read, is there someone who  
21 signed off on that, an officer or somebody from HQ?

22 **MS. FORREST:** There is not one particular  
23 person, no. It's --

24 **MR. PARTAIN:** Can we get that in writing from  
25 somebody in a position of authority, not just a

1           general, like it's from Powell, but somebody in -- a  
2           uniformed officer to sign off on that statement? I  
3           mean, it's just -- there's too many people affected  
4           here, and it just -- like I said, they constantly  
5           state that their concern is for the Marine Corps  
6           family. Well, I mean, as a -- if a member of my  
7           family was affected by something I did, I would be  
8           very involved in that. And to not have somebody  
9           here, it's just -- I mean, like Jerry said, they  
10          were here when nobody was in the audience. They  
11          were here for years, and when we started getting  
12          down to the bottom and started getting the documents  
13          together, the truth together, and started asking  
14          questions, they vanished and said that we were a  
15          distraction. That was what they put on the  
16          internet.

17                 **MS. RUCKART:** Okay, we've recorded the  
18          concern --

19                 **MR. PARTAIN:** Okay.

20                 **MS. RUCKART:** -- and I think --

21                 **MR. PARTAIN:** Well, I understand that. But I'm  
22          going to -- you know, rather than just have the  
23          blanket statement, I'd like to have -- I request a  
24          formal letter to the CAP from somebody at HQNC. Put  
25          someone's name on it and see where it goes.

1                   **MR. TEMPLETON:** And when they say --  
2                   Ms. Forrest, we're happy to have you here, enjoy  
3                   your presence and your contributions here, so, you  
4                   know, don't take this in the wrong way as being  
5                   aimed towards a statement. When they say effective,  
6                   I think they really need to consider who it's  
7                   effective for. Right now the effective piece, in my  
8                   view, seems to be for the Marine Corps.

9                   **MS. FRESHWATER:** And we're going to be in  
10                  Jacksonville, so we're going to make it very easy  
11                  for them to be able to travel to our meeting.

12                  **MS. RUCKART:** I think that your points are  
13                  well-taken, and we'll record them. The next action  
14                  item, the CAP requested a copy of the statement read  
15                  previously about base-wide vapor intrusion  
16                  investigation that they conducted. And they would  
17                  also like to know the last date of testing at the  
18                  Tarawa Terrace school. They'd like to know what  
19                  screening level is being used.

20                  **MS. FORREST:** Okay. This is Melissa Forrest  
21                  again. I've confirmed that the statement I read  
22                  aloud at the last CAP meeting regarding base-wide  
23                  vapor intrusion investigations was added to the CAP  
24                  meeting transcript, which is available online on  
25                  ATSDR's website.

1           With regards to the Tarawa Terrace school  
2 testing, also discussed at the CAP meeting, a vapor  
3 intrusion evaluation was conducted in 2010 and 2011,  
4 due to a nearby volatile organic compound ground-  
5 water plume. Shallow groundwater, soil gas and  
6 indoor/outdoor air samples were collected, and  
7 multiple lines of evidence indicated that vapor  
8 intrusion was not occurring at the school. A  
9 similar investigation was conducted at the nearby  
10 child daycare center, and vapor intrusion was also  
11 found not to be occurring. Currently soil gas  
12 samples are periodically collected near the Tarawa  
13 Terrace school in order to evaluate the potential  
14 for vapor intrusion as part of ongoing remediation  
15 efforts for the groundwater plume.

16           The last soil gas sampling event near the  
17 school was done in September of 2015, and benzene,  
18 and naphthalene, the two primary chemicals of  
19 concern at this site, were not detected in the soil  
20 gas samples. Indoor air samples pertaining to vapor  
21 intrusion testing at the school have not been taken  
22 since the 2010-2011 investigation because data has  
23 not indicated the need to resample inside the  
24 school.

25           All data related to the schools is screened

1           against residential screening levels, by its  
2           industrial, to be more protective, and these ongoing  
3           studies are being conducted in coordination with the  
4           North Carolina Department of Environmental Quality.

5           **MR. ORRIS:** Can we get a copy of that citing?

6           **MS. FORREST:** A copy of what was done for  
7           Tarawa Terrace?

8           **MR. ORRIS:** Yes, please.

9           **MS. FORREST:** Rick, wouldn't that be part of  
10          your vapor intrusion investigation that you're  
11          doing?

12          **MR. GILLIG:** Yes.

13          **MS. FORREST:** So is it something that you need  
14          before Rick's is done or?

15          **MR. ORRIS:** No. If Rick's going to have it I  
16          can wait for that.

17          **MR. PARTAIN:** Is it part of the 45,000  
18          documents that the Marine Corps is reviewing to  
19          release to the public and the CAP, or?

20          **MS. RUCKART:** Well, you keep bringing me to my  
21          next action item. You just read my mind. So the  
22          CAP would like to get access to documents as they  
23          become available for public release instead of  
24          waiting for all documents to become available before  
25          releasing them.

1           **MS. FORREST:** I'm sorry, when we skipped ahead,  
2 I don't know why, I got all out of order here. Hold  
3 on a second. Was that the action item: The CAP  
4 would like access to documents as they become  
5 available?

6           **MS. FRESHWATER:** Yeah.

7           **MS. FORREST:** Okay. The manner in which  
8 documents are released to the public depends largely  
9 on the circumstances, and requires careful review  
10 for quality assurance and control. In most  
11 instances large groups of documents must be reviewed  
12 at the same time, to ensure quality and for other  
13 practical reasons. In other instances it might be  
14 appropriate for partial releases, such as with a  
15 portion of the soil vapor intrusion-related  
16 documents that have already been released to the CAP  
17 via an FTP site.

18           Still, the remainder of the documents are  
19 processed as a group and will be released as a group  
20 as soon as possible rather than piece-meal. Please  
21 note -- here's to answer your question, Mike -- that  
22 the primary review process has been completed for  
23 the remainder of the SVI documents, and they are now  
24 in the final stages of review for quality assurance  
25 and quality control with both the Navy and Marine

1 Corps, and these documents will be provided to ATSDR  
2 for release to the public as soon as possible.

3 **MR. TEMPLETON:** And as a follow --

4 **MR. PARTAIN:** Melissa. This has been going on  
5 for two and a half years for these documents. Now  
6 they're in a quality control review? Is this going  
7 to be another two and a half years before we see  
8 them? I mean, I know you can't answer --

9 **MS. FORREST:** I can't give you a time frame,  
10 but from, you know, the discussions I've been  
11 included on, I can't imagine that. No, you're not  
12 talking anything like that.

13 **MR. PARTAIN:** I mean, 'cause the initial batch  
14 of documents that were released to ATSDR, put on  
15 DVDs, did not take two and a half years.

16 **MS. FORREST:** Yeah, and this is a much larger  
17 batch, from what I understand, and this is  
18 something, I think, maybe Rick can help with, again.  
19 But I think that they're pretty close.

20 **MR. PARTAIN:** I mean, are they reading them  
21 page for page, word for word?

22 **MS. FORREST:** Well, see, my understanding is  
23 the primary review's already been down. Now is when  
24 they go back and do the double-check, the quality  
25 control, you know, to ensure that they are --



1                   **MS. FRESHWATER:** To the civilians like me in  
2 the audience, could you explain what that means,  
3 quality control, of this document?

4                   **MS. FORREST:** I don't do the process myself,  
5 but it's like anything else. It's not another full  
6 review. They've already done the full review. It's  
7 having another set of eyes go back and look, you  
8 know, over -- there's a process, to check and make  
9 sure that we're releasing things, that things --  
10 that all reviews have been reviewed -- that all the  
11 reviews have been conducted and that, you know,  
12 things are cited properly.

13                   **MR. TEMPLETON:** I take serious issue with the  
14 comment that they made, that they are only going to  
15 release them as a group and not release them  
16 piece-meal. They need to be releasing them piece-  
17 meal. Everyone here would agree that they need to  
18 be releasing them as they become available.  
19 Otherwise, as Mike was saying, it may be another two  
20 and a half years.

21                   These, as Jerry has pointed out several times  
22 in the past, are part of the administrative record,  
23 and they should be released immediately, as soon as  
24 they can be released, not to be withheld and  
25 released, necessarily, as a group. I think that's -

1 - my formal request here back to you regarding that  
2 item would be that they consider releasing them --  
3 strongly consider releasing them piece-meal. And at  
4 least in the interest of the people in this  
5 community who have waited so long for answers.

6 **MS. FRESHWATER:** And I would like to ask that  
7 you give the community an explanation as to what,  
8 what is the -- what is the exact thing you said?  
9 Quality --

10 **MS. FORREST:** Quality control. Quality  
11 assurance/quality control review.

12 **MS. FRESHWATER:** Could I get a definition of  
13 what that is, please?

14 **MS. FORREST:** Yes.

15 **MS. RUCKART:** Our next group of action items is  
16 for ATSDR. The CAP requested a comparison of the  
17 lead levels at Camp Lejeune with Flint, Michigan.  
18 I'll turn that over to Rick.

19 **MR. GILLIG:** Yeah, everyone should've received  
20 a copy of that. I do need to point out a couple  
21 limitations to the data. The data for Flint,  
22 Michigan was collected by residents, so there isn't  
23 really any quality control over the way they  
24 collected those samples. And the samples taken at  
25 Camp Lejeune, a much higher degree of quality

1 control. The Flint samples were taken from homes.  
2 The information for Camp Lejeune was taken from a  
3 variety of buildings, and they targeted those  
4 buildings most likely to have issues with lead. So  
5 we did -- you have summary statistics from both data  
6 sets, and on the back of the handout there's a table  
7 showing the distribution.

8 **DR. BREYSSE:** I'd like to also add that most of  
9 the Flint data reflected well after the  
10 contamination cleared up. So these data are from  
11 last fall and spring, and the switch happened a year  
12 before. So in fact we don't know a lot about how  
13 high it was in people's homes during the crisis. So  
14 this is data kind of at the tail end of the crisis,  
15 so it's a complicated comparison.

16 **MR. ENSMINGER:** We're running way over  
17 Dr. Blossom's start time, and I don't know, is this  
18 going to be cutting into your travel arrangements?

19 **DR. BLOSSOM:** I don't leave until seven.

20 **MR. ENSMINGER:** Oh, okay.

21 **MS. RUCKART:** I think that there's some other  
22 areas on the agenda where we can make up some of the  
23 time. I think we're okay. We have a few items  
24 left. Let's just breeze through this.

25 **MS. FRESHWATER:** I just want to say thank you

1 to everyone for doing this. Thank you. I know I  
2 talked to you and asked you personally to do that,  
3 and I appreciate it.

4 **MR. TEMPLETON:** And then the last little piece,  
5 Lead and Copper Rule, it's come out kind of publicly  
6 that that's kind of served -- has not served the  
7 public properly. Because there's been some  
8 contamination that occurred that, because of the way  
9 that the rules are, they don't report them. They  
10 don't have to report them, and things like that. So  
11 I wonder, just real briefly, I mean, how that might  
12 play into the data that we are seeing here from the  
13 samples?

14 **DR. BREYSSE:** So I'm not sure how to answer  
15 that other than to say the Lead Copper Rule is under  
16 review right now. They're re-evaluating the rule in  
17 terms of the levels, the sampling strategy, the  
18 approach to addressing kind of compliance with the  
19 rule across the board. So they recognize there's  
20 some issues with it, and they're reviewing it as we  
21 speak.

22 **MR. TEMPLETON:** That sounds like we'll wait for  
23 their review. Thank you.

24 **MR. ORRIS:** Rick, just one quick question on  
25 this. I noticed that the total number of samples at

1 Camp Lejeune has been 586 over the last nine years,  
2 roughly. When was the last time that a blood lead  
3 level was detected above the ranges for Camp  
4 Lejeune? Do you have that information? If not, can  
5 you get it for me next time?

6 **MR. GILLIG:** Danielle, do we have that? Excuse  
7 me, Danielle, do we have that in the revised health  
8 assessment?

9 **MS. LANGMAN:** We have the data. There was a  
10 report done by Camp Lejeune where they looked at the  
11 blood lead levels, and they provided that report as  
12 part of the comment period, so that indeed is  
13 included in the public comment health assessment  
14 that you all have. We don't have the blood lead  
15 data itself, so all we did was provide their summary  
16 in our report. So no, I could not state when was  
17 the last elevation. That would be something that  
18 Camp Lejeune would need to look at.

19 **MR. GILLIG:** Okay, I do know that at Camp  
20 Lejeune, if they detect a level over 15 parts per  
21 billion in the water, they go back and resample per  
22 the Lead and Copper Rule. And when they resample  
23 the levels are below. And so they have an active  
24 program.

25 **MS. RUCKART:** The next agenda item just relates

1 to getting the word out earlier on social media and  
2 our website about the upcoming CAP meeting, and we  
3 did that. We posted this, you know, months in  
4 advance, to give people enough time to register.  
5 Our office of communication has since told me that  
6 they were sending daily tweets for the last couple  
7 weeks before the meeting, directing people to the  
8 meeting announcement page. They sent out an email  
9 notice to 25,000 people who are on our distribution  
10 list with the Agency, letting them know the meeting  
11 was happening, and they sent a reminder email about  
12 that last night.

13 The CAP requested a copy of the cancer  
14 incidence study protocol and that copies be given to  
15 the VA and the DoD. I believe that's been  
16 addressed.

17 The VA requested that we publish our assessment  
18 of the evidence for health effects related to Camp  
19 Lejeune drinking water so that VA assessors can cite  
20 it in their reviews. I'll turn that over to Frank.

21 **DR. BOVE:** Yeah. That briefing document is  
22 being peer reviewed. We're starting to get the  
23 comments back. We'll look at the comments, respond  
24 to them, and get moving on this as quickly as  
25 possible.

1                   **DR. ERICKSON:** And not that I want to quote  
2 anybody, but do we have a timeline for that, please?

3                   **DR. BOVE:** We're waiting for one more reviewer,  
4 a very important reviewer. And he's going to take a  
5 little more time, so I expect the review to come to  
6 us maybe by the end of this month. And so once --  
7 you know, so we'll work on the reviews we have  
8 already, and then we'll work on that one and try to  
9 get this thing out.

10                  **DR. ERICKSON:** Okay. And we'll talk about this  
11 in a minute, but as you can imagine, having a peer  
12 review published, public document from ATSDR will  
13 help VA do the tasks that we'll be talking about.

14                  **DR. BREYSSE:** And we recognize that, and we're  
15 doing our best to get it to you as quickly as we  
16 can.

17                  **MS. RUCKART:** Okay. There was a request that  
18 we post the charter on the Camp Lejeune website, the  
19 ATSDR/Camp Lejeune website. We did that.

20                  There was a request that we re-evaluate if any  
21 studies can be done on the in utero population at  
22 Camp Lejeune. Frank, respond?

23                  **MS. FRESHWATER:** Yeah, just wait, 'cause it was  
24 done, so anyway.

25                  **MS. RUCKART:** Well, we can talk about this with

1 Chris. That was something of interest to him.

2 The CAP requested that the action item list be  
3 sent to the full CAP. We did that.

4 And the CAP -- and this is for you guys on the  
5 CAP. ATSDR requested that the CAP provide written  
6 feedback on their concerns about the PHA so they can  
7 be formally addressed, so.

8 **MS. FRESHWATER:** Just going back to the social  
9 media thing very quickly, Christian used to attend  
10 the meetings. Is he here today?

11 **MS. RUCKART:** He is actually on leave today.

12 **MS. FRESHWATER:** Okay. Can we ask that he come  
13 to the next meeting or, you know, get back into the  
14 emails and stuff, because, especially planning for  
15 our next off-site, so that we can work with him?

16 **MS. RUCKART:** Yeah. We can request someone  
17 from the office of communications. I'm not sure who  
18 it would be --

19 **MS. FRESHWATER:** Anybody. Yeah, I don't  
20 mean -- I'm not trying to ask for him specifically.

21 **MS. RUCKART:** Sure.

22 **MS. FRESHWATER:** But it would be nice to have  
23 somebody here that we can kind of work with as a  
24 team, you know. Thank you.

25 **DR. BREYSSE:** Awesome. Thank you very much,



1 Perri.

2 So what I'd like to do right now is turn the  
3 floor over to Dr. Sarah Blossom, who is here at the  
4 request of the CAP, to have a presentation on immune  
5 function associated with chemical exposures at Camp  
6 Lejeune.

7  
8 **EFFECTS OF TRICHLOROETHYLENE ON T-CELLS/AUTOIMMUNITY**

9 **DR. BLOSSOM:** Thank you all so much. I  
10 really thank you all for inviting me here. It's an  
11 honor and a privilege to get to talk about my  
12 research. Hopefully it's -- you won't fall asleep  
13 during it. But I've been working on  
14 trichloroethylene and its effects on the immune  
15 system in the brain, primarily in mouse models for  
16 about 16 years, so since I was a little bitty kid --  
17 no. For a long time. So I just hope that you all  
18 get something out of this, in that it affects the  
19 immune system and promotes autoimmune disease.

20 So I'm primarily going to talk about mouse  
21 models. And why mice? But it's very difficult to  
22 establish cause and effect in human populations.  
23 With mouse models we can control exposures. We can  
24 look at end points that you normally can't look at  
25 in human populations. And so this is why I've spent

1 most of my time doing research in mice.

2 So this is just an overview of all the research  
3 that I did in my lab. I'm certainly not going to  
4 talk about everything today. I'm primarily going to  
5 talk about how trichloroethylene affects the immune  
6 system. And what we are seeing is inflammation  
7 associated with this that is causing an autoimmune  
8 type of response in our mouse model.

9 The brain and the immune system have this  
10 unique bidirectional communication, and I've also  
11 done quite a bit of work trying to determine how the  
12 immune system affects the brain behavior, but I  
13 won't be talking about that today. It's just way  
14 too much.

15 In order to have our immune systems working  
16 optimally, we need a balance in the immune system.  
17 So when our immune system is not working very well  
18 we become more susceptible to cancers, infections.  
19 When it becomes overactive we see things like  
20 autoimmune diseases and allergic responses. So this  
21 is a very simplified way to look at how important  
22 our immune system is in certain diseases.

23 So what is autoimmune disease? Basically our  
24 immune systems are designed to attack foreign  
25 invaders, like bacteria, viruses and things like

1           that. But in some instances, and nobody really  
2           knows what causes autoimmune diseases, our immune  
3           systems attack self-tissues. And this is -- I found  
4           this little thing on the internet. Tried to bring a  
5           little humor in the situation, but it is basically  
6           your immune system attacking itself.

7           So autoimmune diseases are a widespread  
8           problem. They're chronic. There's no cure. The  
9           treatments are not good at all. There are over 80  
10          different diseases that have been identified, and  
11          there's at least one for every organ system in the  
12          body. Some are confined to organs; others are  
13          multi-systemic.

14          The latest estimate is about 23.5 million  
15          Americans have at least one type of autoimmune  
16          disease. So about 8 percent of the U.S. population.  
17          And this is by no means a comprehensive list that  
18          you see in the graph, but it shows you that many  
19          autoimmune diseases primarily affect women, mainly  
20          during their child-bearing age, 20 to 40, and so  
21          there is a gender disparity. Some of them, not all  
22          of them, Type I diabetes, is an exception as well.

23          So studies show that genetics are not the  
24          primary cause of autoimmune disease. There is an  
25          important role for environmental factors. And these

1 are very broadly defined: Lifestyle factors,  
2 different endogenous factors that we may have,  
3 underlying problems, bacterial and viral infection,  
4 but also exposure to environmental chemicals,  
5 primarily toxicants like trichloroethylene have been  
6 associated with autoimmune diseases.

7 So I think that this is a slide I've used when  
8 I give my talks to pediatricians or different  
9 scientists but most of you know what  
10 trichloroethylene is. It's a solvent, very  
11 widespread use in the mid-20<sup>th</sup> century. It's  
12 declined in use but it's still being used as a  
13 degreaser for metal parts, and less commonly in copy  
14 supplies and spot removers.

15 Humans can be exposed in many different ways.  
16 People are getting exposed through occupation, non-  
17 occupational exposures through environmental  
18 contamination, and also exposure from living near  
19 industrial waste sites, Superfund sites. And one  
20 big problem that we're starting to work on is  
21 drinking well water. A lot of rural areas rely on  
22 the use of private wells, and these are not  
23 monitored for TCE or other chemicals. So this is  
24 also a problem and a way that people are exposed to  
25 TCE.

1           So in terms of disease, human disease, there  
2           have been associations with TCE exposure and  
3           scleroderma. And this is an autoimmune response  
4           that targets connective tissue, and it is a systemic  
5           autoimmune disease most commonly associated with  
6           occupational exposures. And nobody knows how it  
7           triggers scleroderma; they just -- there have been  
8           associations with this disease.

9           Another autoimmune disease in humans, primary  
10          biliary cirrhosis, has been associated with  
11          autoimmunity. In particular, in proximity to  
12          Superfund sites there have been clusters of this  
13          disease. And there are other non-viral hepatitis-  
14          like diseases and autoimmune hepatitis has been  
15          associated with TCE.

16          There is some evidence that TCE exposure is  
17          associated with lupus, and this is primarily known  
18          through exposures, or end points, such as  
19          autoantibodies, antibodies against cellular DNA,  
20          increases in T-cell numbers and different T-cell-  
21          derived cytokines that are inflammatory.

22          There's also an increasing prevalence in this  
23          hypersensitivity skin disorder primarily found in  
24          Asia that is associated with a long-term exposure  
25          through occupation. So these people are not being

1           protected, basically. And this is not a contact  
2           dermatitis. It's believed to be T-cell mediated,  
3           and it is associated with fevers, it's long-term and  
4           also liver dysfunction accompanies this skin  
5           disorder.

6           **MR. PARTAIN:** And Dr. Blossom, on the skin  
7           issues, one of the common things that we do see with  
8           the veterans and dependents on Lejeune is, you know,  
9           the contact dermatitis.

10          **DR. BLOSSOM:** Right.

11          **MR. PARTAIN:** When I was born I was covered in  
12          a red rash, and I've had issues with that throughout  
13          my life. Like if I, when I was younger, would wear  
14          dry-clean clothes, I would break out in red rashes.  
15          Is that similar to what you're talking about, or is  
16          that something different?

17          **DR. BLOSSOM:** Well, I can't really speak to  
18          what you were experiencing. I mean, if you touch  
19          the TCE it's going to cause some kind of skin  
20          reaction, but this seems to be more -- less of a  
21          contact media and more of a -- it's activating the  
22          T-cells in the body to react and cause inflammation  
23          in the skin, so it very well could be something.

24          **MR. PARTAIN:** Yeah, I've had it all my life.  
25          I've learned to manage it but it's something that

1 shows up periodically, and what have you, but  
2 it's -- you know, I hear it over and over again with  
3 dependents and the veterans, and everything. And  
4 those that work with it, you know, we do -- I mean  
5 I've seen their hands would be -- they're red all  
6 the time and scaling and stuff.

7 **DR. BLOSSOM:** Right.

8 **MR. PARTAIN:** But the dermatitis issue is  
9 something that we see a lot of from Lejeune.

10 **DR. BLOSSOM:** Yeah. And I just came across  
11 this because there's a lot of information on it in  
12 Asia where they're working with really, really high  
13 levels of this TCE in the work place. And it is  
14 often, as you can see from these pictures, these  
15 people are very, very sick. So it tends to be more  
16 of a systemic problem and not just, you know, like  
17 you have an itchy skin problem. But I think it very  
18 well could be. I think the problem with a lot of  
19 these studies in looking at humans is that just  
20 people don't know.

21 So some of the challenges that I've already  
22 kind of touched upon, it's very difficult to study  
23 these diseases in humans. It's -- cause-and-effect  
24 relationships are difficult, so defining toxicant  
25 exposure as a risk factor is hard. People aren't

1           aware of their exposure. They don't know how long  
2           they've been exposed or if they're being exposed.  
3           There are very few biomarkers of exposure,  
4           especially with regard to TCE, because it is  
5           metabolized so quickly. And people are very rarely  
6           exposed to just one single chemical, so how can you  
7           accurately assess the contribution of a single  
8           toxicant in mixtures?

9           So this is why we use animal models to study  
10          the effects of TCE on the immune system. So people  
11          use mice to test different environmental chemicals  
12          to see if they're toxic in different organs. So  
13          what we wanted to do, because we are looking at  
14          autoimmunity, and there is a genetic component, we  
15          wanted to use a mouse that is autoimmune-prone. So  
16          these mice, for some reason, have, you know, an  
17          undefined genetic predisposition to developing  
18          autoimmune disease. So these mice, if you don't  
19          treat them at all, and let them live, they will  
20          eventually develop lupus. They will get  
21          glomerulonephritis, and they die. But it's a very  
22          mild, long-term process for them.

23          So our hypothesis was: Will TCE accelerate the  
24          presence of autoimmune disease in these lupus-prone  
25          mice? No one has ever looked at a lupus-prone mouse



1           before. So and the way we administer the toxicant  
2           is we try to make this more environmentally  
3           relevant. We don't barrage them with a certain  
4           amount. We let them drink it in the drinking water.  
5           So we mix the TCE in ultrapure Milli-Q water,  
6           because the chlorinated by-products can confound the  
7           results, with an emulsifier because this -- it's a  
8           solvent; you can't really get it into a solution.  
9           We put them in glass bottles with cork stoppers. We  
10          change the water a few times a week because it will  
11          degrade. We measure the volume and calculate how  
12          much is consumed, and we weigh them. So we get a  
13          rough estimate in terms of mgs per kilogram per day  
14          of how much they're actually being exposed to.

15                 So the U.S. EPA has established the MCL, about  
16          5 parts per billion. And contaminated sites, as you  
17          know, often exceed this limit quite, you know,  
18          drastically. TCE is detected in over half of  
19          Superfund sites. And in terms of occupational  
20          exposure, people are allowed to be exposed to about  
21          a hundred parts per million for an eight-hour  
22          exposure limit, which comes to roughly 76 mgs per  
23          kilogram per day. So the doses that we are using  
24          here in all of our studies represent both  
25          occupational and environmentally relevant kinds of

1 exposures. Toxicologists get really wrapped up in  
2 what dose you're giving the animal. So we try to be  
3 very reasonable and use lower levels than what would  
4 maybe cause cancer, for example.

5 So this is our experimental design. We used  
6 female mice because they are more prone to  
7 autoimmune disease, exposed them to TCE in the  
8 drinking water. We did both acute exposures and  
9 chronic exposures. And we looked in their serum for  
10 biomarkers of autoimmune disease, antinuclear  
11 antibodies and also T-lymphocyte subsets, because  
12 T-cells are very important in driving autoimmune  
13 responses. And we looked at organs for different  
14 pathology because a lot of times the antinuclear  
15 antibodies don't really tell you much of anything.  
16 It's primarily what you see in terms of pathology.  
17 And when you're working with mice you can look at  
18 pathology, so.

19 So what we found was that TCE exposure for four  
20 weeks increased autoantibodies in the serum. We did  
21 not see this after a long-term, 32-week exposure,  
22 and we think it's because all of the mice start to  
23 develop these autoantibodies, so it kind of masks  
24 any effect that TCE might have. So we weren't  
25 really surprised to see that the autoantibodies were

1 not affected by the part concentration of TCE.

2 So this is a very busy slide, but T-cells are  
3 really complicated, and I don't know if you've had  
4 an immunology class before. T-cells can be defined  
5 both phenotypically, the molecules that are  
6 expressed on their surface, and also functionally by  
7 the different cytokines that they release. So  
8 phenotypically we look at T-cells based on different  
9 markers on their surface. So an activated T-cell  
10 will express low levels of a marker called CD62L and  
11 high levels of a marker CD44. And naïve, or  
12 unactivated, T-cells will express high levels of  
13 CD62L and low levels of CD44. And again, Th1-type  
14 cells and Th17 cells are important in autoimmune  
15 responses. So we wanted to characterize these  
16 T-cells that are -- for the mice that are being  
17 exposed to TCE.

18 And what we found, we can do this by flow  
19 cytometry. We take T-cells, we can incubate them  
20 with the antibody-specific ^TCE molecules. And as  
21 you can see, after four weeks the TCE-exposed mice  
22 expressed more of an activated phenotype than the  
23 controls, based on expression of CD62L and CD44. So  
24 TCE is activating a T-cell.

25 **MR. PARTAIN:** What does that mean?

1           **DR. BLOSSOM:** Well, it's basically -- you know  
2           that picture I showed you, the naïve T-cell? It's  
3           supposed to stay in that state until it encounters a  
4           bacteria or a virus. But if TCE is in the body it  
5           seems to be activating this naïve T-cell to  
6           differentiate to become a really dangerous T-cell,  
7           but it expresses these markers, pre-cytokines, and  
8           can cause pathology.

9           **MS. FRESHWATER:** Like leukemia or are we  
10          talking only like... Has it been linked to any kind  
11          of pathology like cancer or are you talking about  
12          only the autoimmune?

13          **DR. BLOSSOM:** Well, we're focusing more on  
14          autoimmune. I think that the levels we're using are  
15          relatively low. We don't see cancer in our animals.

16          **MS. FRESHWATER:** Okay.

17          **DR. BLOSSOM:** But I think that if you would use  
18          higher doses, you might see some sort of phenotype  
19          associated with that.

20          **MS. FRESHWATER:** Okay, thank you.

21          **DR. BLOSSOM:** And our T-cell cytokines that I  
22          talked about, and again, the gamma interferon  
23          represents a cytokine that's pro-inflammatory,  
24          associated with autoimmunity. We see an increase in  
25          gamma interferon at four weeks, and also at 32

1 weeks. IL-4, which is not associated with  
2 autoimmunity, we do not see an effect with TCE.

3 And I wanted to show this because we've done  
4 several different studies, mainly acute and chronic.  
5 We wanted to look at a more subchronic exposure.  
6 And interestingly, we looked at -- this is gene  
7 expression fold change and also it's secreted  
8 protein. We see a decrease here. And at first we  
9 were a little bit surprised to see a decrease in  
10 these pro-inflammatory cytokines. But it's known to  
11 autoimmunity that it's a five-phasic kind of  
12 response. So in the body the cytokines are going to  
13 go up, and then you have compensatory mechanisms  
14 that make it come back down. So it's not always up;  
15 it's up and down. We're just looking at one window  
16 of exposure. And so it's important to know that,  
17 like in real life, it's doing this. It's going up  
18 and down.

19 So in terms of pathology we expected to see  
20 lupus because these were lupus-prone animals. We  
21 didn't see anything in the kidney which would  
22 indicate lupus pathology, so we were kind of  
23 surprised. So we have liver tissue. We had all  
24 kinds of tissues. And we -- as you can see, this is  
25 a liver stain, pathology stain. And this represents

1 mononuclear cell infiltration. So this is not  
2 normal. These are like T-cells that have come into  
3 the liver. And this causes all kinds of problems in  
4 the liver.

5 So patients with autoimmune hepatitis develop  
6 antibodies specific to liver proteins. So we didn't  
7 know if these T-cells here were actually auto-  
8 reactive. I mean, just, they could be any old  
9 T-cell. So we did an assay where we looked -- we  
10 took liver proteins and ran them down the ^, and we  
11 put the serum into the mice, the control of  
12 TCE-treated mice. And we saw that the serum from  
13 the TCE-treated mice were recognizing these self  
14 liver proteins. So what we think we're seeing is an  
15 autoreactive response in the liver with mice exposed  
16 to TCE chronically for 32 weeks.

17 So to summarize we see pro-inflammatory CD4  
18 T-cell effects, autoimmune hepatitis, like liver  
19 pathology. We did subsequent studies where we  
20 blocked compounds to inhibit metabolism, and we were  
21 unable to see any of the T-cell effects. So we ask  
22 the question: Can we see these effects if we just  
23 use the metabolizer? So this gets more into the  
24 mechanism of how things work, 'cause, as scientists,  
25 we want to know why, and not just do exploratory

1 kind of studies.

2 So I won't go over the whole -- this is a very  
3 simplified picture of the metabolism of TCE. But  
4 it's mainly metabolized in the liver. And we were  
5 interested in this metabolite in particular. It's  
6 an aldehyde, and it's been shown in many different  
7 systems that aldehydes are very reactive. So we did  
8 some experiments with this aldehyde, the primary  
9 approximated metabolite. And we saw some of the  
10 very same effects that we see when we just exposed  
11 mice with the parent compound. This is just a  
12 picture of increased CD62 -- or a decrease, sorry,  
13 of CD62L, meaning it's an activated T-cell. And we  
14 see increases in our gamma interferon. And this is  
15 after a 40-week study.

16 So in terms of pathology, we started to see in  
17 about 24 weeks, the mice were starting to lose their  
18 hair, and they were developing these kind of  
19 ulcerative skin lesions. And we were not expecting  
20 this, so we started to monitor the hair loss, and  
21 towards the end, or at the end of the experiment we  
22 took skin samples. I see you laughing. Skin  
23 samples of the pathology, and saw that there are  
24 T-lymphocytes that are infiltrating the skin, the  
25 hair follicle, and this is an ulcerative lesion

1 here. So now we're thinking why is this causing,  
2 you know -- it's very, very interesting, but we  
3 really don't know why it seemed to target the skin  
4 and cause hair loss in these animals.

5 **MR. TEMPLETON:** But this is with exposure to  
6 TCAH.

7 **DR. BLOSSOM:** Yes. Not with TCE. They do not  
8 lose their hair when they're exposed to TCE, so I  
9 don't know. It's primarily in the liver when  
10 they're exposed to this.

11 **MR. HODORE:** Dr. Blossom, I have a question.  
12 Is this the same incident as a Marine cleaning a  
13 weapon, like in the armory, like TCE? Like cleaning  
14 their weapons?

15 **DR. BLOSSOM:** Well, it's really -- it's hard to  
16 extrapolate what we're giving the mice to what a  
17 person might be exposed to. I mean, we -- I don't  
18 know, if you could give me like the dose or  
19 whatever, I can possibly do that but, you know, it's  
20 hard to answer those kinds of questions. But I  
21 mean, that's a very relevant question.

22 **MR. PARTAIN:** Well, Dr. Blossom, also, when --  
23 you know, I might be jumping ahead in your study,  
24 but you've got the exposure in the dose that you're  
25 doing with the mice, and you're seeing the effects



1 with the liver. Once the exposure was stopped was  
2 there -- did the liver issues progress? Did they --  
3 were they at recess or continue or what happened.  
4 And one of the reasons why I ask that is a lot of  
5 the Lejeune people, including myself, and like when  
6 I was a young child, I had liver issues. And back  
7 in my late teens or early 20s my primary doctor's,  
8 well, you need to quit drinking alcohol. I'm like,  
9 I don't drink. But all through my life I've had  
10 increased liver enzymes showing up on all my blood  
11 tests. Every time I get a new doctor, when they  
12 freak out, I'm like, no, I've had that since  
13 childhood.

14 **DR. BLOSSOM:** Well, I am -- you are jumping  
15 ahead a bit, but that's okay. We have done  
16 cessation experiments, where we stopped the  
17 exposure, and the mice are allowed normal drinking  
18 water, regular drinking water, and look at the  
19 liver. And we're writing the paper right now, but  
20 the pathology is actually worse. Why that is, I  
21 don't know.

22 **MR. PARTAIN:** That makes me feel really good.

23 **DR. BLOSSOM:** It's a sustained, long-term  
24 effect, so if the exposure goes away, that doesn't  
25 mean you're -- it's automatically going to get

1 better, sadly. I'm sorry.

2 **MR. ENSMINGER:** Well, how many mice were you  
3 using in each one of these studies?

4 **DR. BLOSSOM:** Well, these --

5 **MR. ENSMINGER:** And then how many of them  
6 exhibited these effects? Did all of them exhibit  
7 them or?

8 **DR. BLOSSOM:** No. We get a percentage of mice.  
9 Like in this picture, for example, this is percent  
10 with alopecia. So it gets -- you see, the lower  
11 doses you don't get as much. This is control, zero  
12 percent, 10 percent, 40 percent, up to 70-ish  
13 percent. We don't get 100 percent. We get a lot of  
14 variability. And we're looking into that  
15 variability right now. Even though they have the  
16 exact same genome, there are other factors,  
17 epigenetic factors that played a role too. That's  
18 kind of what's next for us, to try and understand  
19 this variability. And especially in human  
20 populations there's variability, in particular.

21 So, and you asked how many mice we... We try  
22 and keep these -- these are very long-term exposures  
23 that we're doing, so it's a lot of money. So we  
24 probably ran eight to 15 mice per group, is what we  
25 use. We just cannot process that many animals at

1           once. I mean, it's too difficult for these.

2           **MR. ENSMINGER:** You know, at different levels  
3           how many of those mice in each group demonstrated  
4           the effects?

5           **DR. BLOSSOM:** In the liver, are you talking  
6           about specifically? We get about 50 to 60 percent,  
7           maybe, in our TCE-treated groups that will have  
8           really like fibrosis. And then a higher percentage  
9           of the mice, maybe 70 to 90 percent, will have  
10          infiltration, a milder form of pathology.

11          **MR. ENSMINGER:** So that's pretty high.

12          **DR. BLOSSOM:** It's pretty high, yes.

13          **MR. PARTAIN:** Also, Dr. Blossom, did you get  
14          any comparisons between mice who had been -- had an  
15          acute exposure, like an occupational exposure,  
16          versus mice with a chronic exposure over a period of  
17          time at a lower dose? Was there a comparison done  
18          with that?

19          **DR. BLOSSOM:** With the pathology, no. Because  
20          we don't -- we did an earlier study looking at four  
21          weeks, or acute exposure, and we did not see any  
22          pathology at that time.

23          Now, you have to keep in mind that mice age  
24          differently than humans, too, so if you're -- you  
25          know, a four-week exposure in a mouse is not a

1 four-week exposure in a human being. I mean, that's  
2 like a lifetime, almost, in a mouse. Not really but  
3 you do have to keep those things in mind when you  
4 think about this in context as well.

5 **MR. PARTAIN:** Well, the reason why I asked that  
6 is, you know, we get pushback from, you know, a lot  
7 of the studies that are done, like when you heard us  
8 talking about the VA earlier and their occupational  
9 studies. And they used to quote, you know, that the  
10 occupational exposures were much higher and didn't  
11 produce cancer, and how could it produce cancer or  
12 produce an issue with a veteran who was exposed for  
13 a much lower dosage. But our exposures were  
14 lifestyle exposures.

15 **DR. BLOSSOM:** Right.

16 **MR. PARTAIN:** We were exposed 24/7, 365 days a  
17 year, and, you know, in the home and work --

18 **DR. BLOSSOM:** Right.

19 **MR. PARTAIN:** -- and things like that. In my  
20 case and Chris's case, we were exposed from the  
21 moment of conception to birth, plus whatever time we  
22 spent on the base.

23 **DR. BLOSSOM:** Right. And I'm going to talk  
24 about these kinds of things too.

25 **MR. ENSMINGER:** Well, let me ask you, though,

1           were there other scientists replicating these  
2           studies?

3           **DR. BLOSSOM:** There is one group that uses our  
4           exact same mouse model. They're looking at  
5           different end points; they're looking at more of  
6           oxidated stress kind of mechanisms. They're not  
7           looking at what we look at in particular. Others  
8           have done these experiments in non-autoimmune-prone  
9           mice. They don't see quite the same things that we  
10          see. As far as I know we're really the only people  
11          that are doing these kinds of studies. I mean, I  
12          welcome anyone to expose a mouse for 40 weeks. I'm  
13          certainly happy to share data. I'm happy to  
14          collaborate, talk to people, but as far as I know  
15          we're it. It's really hard. We rely on funding  
16          from the National Institutes of Health, so if we  
17          don't get the money we can't do the experiments, so  
18          funding is really hard to obtain, for various  
19          reasons that I don't want to talk about or I'll get  
20          mad.

21          **MR. PARTAIN:** Maybe you should contact HSIA.  
22          I'm sure they'd be glad to fund you.

23          **DR. BLOSSOM:** Okay.

24          **MR. PARTAIN:** Yeah, I'm being sarcastic.  
25          That's the Halogenated Solvents Industrial Alliance.

1                   **DR. BLOSSOM:** I don't know. Okay.

2                   **MR. ORRIS:** I have a quick question for you.

3                   **DR. BLOSSOM:** Okay.

4                   **MR. ORRIS:** When you were looking at the liver  
5 were you also seeing elevated triglyceride levels  
6 associated in these mice?

7                   **DR. BLOSSOM:** You know, we didn't look at  
8 those. We did look at ALT, and we didn't see any  
9 difference in that. So I don't think that it is  
10 producing an extreme damage. I mean, we were just  
11 getting some kind of autoimmune response that it  
12 caused problems. If we perhaps look later, I mean,  
13 there might. So there eventually the study has to  
14 be terminated. But it's very possible that those  
15 kinds of things could go up much later.

16                   **MR. ORRIS:** And have you done any multi-  
17 generational studies on these mice?

18                   **DR. BLOSSOM:** Not multigenerational. We are  
19 doing developmental, and that's what I'm going to  
20 talk about next, because the National Academy of  
21 Science has put out a document, and I was reading  
22 this document in order to enhance my knowledge. So  
23 and this struck me, more researchers need to assess  
24 the different life stages at which humans might be  
25 more susceptible to the effects of

1 trichloroethylene. So no one had done any  
2 developmental exposures. Here we go. So this is in  
3 a human, not a mouse; it's very different. But as  
4 you can see the immune system matures starting at  
5 conception -- well, a little bit after conception,  
6 not quite immediately, and then it continues after  
7 birth and also adolescence and adulthood. So the  
8 immune system matures continuously. So we were just  
9 looking at adult mice. So we were thinking that  
10 possibly even at lower levels of exposure the immune  
11 system might be more susceptible to the effects of  
12 TCE.

13 So what's known about the maternal, early-life  
14 exposure in humans? We know that TCE can cross the  
15 placenta. It's detected in cord blood, and it has  
16 also been detected in breast milk samples. There  
17 was a study conducted a few years back. They looked  
18 at a population of urban school children, and they  
19 counted TCE in about 6 percent of the kids, which is  
20 remarkable considering the half-life of TCE. It's  
21 not in the blood very long. So they were probably  
22 being continuously exposed.

23 In terms of immunotoxicity in any end points,  
24 not a lot is known, and I don't have the references  
25 here. But there have been some studies looking at

1 leukemia, adverse pregnancy outcomes, childhood  
2 cancers and different pregnancy outcomes associated  
3 with TCE. So no one's really looking at the immune  
4 system with development.

5 So we started out doing -- because the immune  
6 system matures for so long we did a continuous  
7 exposure. We started at gestation. We bred the  
8 mice ourselves, which was a whole new thing for me.  
9 We looked postnatally. Also the NIH wanted us to  
10 look at different windows of exposure, so postnatal  
11 only, prenatal only, and continuous. These were big  
12 experiments. So we looked at different immune  
13 parameters in the mice, different ages, representing  
14 the relative ages of infancy, childhood, adolescence  
15 and adulthood. So this stands for postnatal day.  
16 So this is a child; this is an adult, in mouse age.

17 **MS. FRESHWATER:** Do you mean like literally --  
18 is that literally ten years old or?

19 **DR. BLOSSOM:** No, no, no. Yeah, ten days old.

20 **MS. FRESHWATER:** Ten days old.

21 **DR. BLOSSOM:** Postnatal day, yes.

22 **MR. PARTAIN:** And the previous slide, what did  
23 CHD mean?

24 **DR. BLOSSOM:** Congenital heart defects. Sorry.

25 **MR. PARTAIN:** Okay.



1           **DR. BLOSSOM:** Anyway, so we used a range of  
2 doses in previous studies. Again, there was no  
3 standard. We didn't really know what -- we wanted  
4 to see an effect so we used these adult types of  
5 exposures. And this is just a different assay to  
6 look at gamma interferon intracellularly instead of  
7 secreted. And as early as postnatal day 28, this is  
8 very young, we see an increase again in interferon.  
9 And I do not have the pictures.

10           Our veterinary pathologist literally  
11 disappeared and we could never track the pictures  
12 down, but we did have the data. And we were  
13 starting this early science of liver pathology. So  
14 basically when the pathologist looks at the liver,  
15 we don't do it ourselves. So we rely on a  
16 veterinarian who's an expert in this, and they give  
17 it a score based on severity. So it's a relatively  
18 low score, but when you compare the  
19 trichloroethylene with a control, it's different.  
20 It's significantly different. And this is at  
21 postnatal day 42, and we've never seen such -- any  
22 kind of liver problems with amounts so young.

23           So they wanted us to look at postnatal only  
24 exposure, so not during gestation. And you see a  
25 lot of the same effects: Increase in activated

1 T-cells. And these -- we just didn't just look at  
2 gamma interferon. We looked at other pro-  
3 inflammatory cytokines as well. Postnatal day 42,  
4 that's a young adult mouse.

5 And so the next experiment, this is another  
6 cessation type of experiment. So what if we exposed  
7 the moms while they were pregnant and stop their  
8 exposure, and then look at the results? I mean,  
9 this probably doesn't happen in real life but, you  
10 know, we have to do these kinds of experiments to  
11 possibly design interventions, if we want to help  
12 people who are exposed. I didn't think we could  
13 see, but each dot -- we replicated this. Each dot  
14 represents an individual mouse. And when you look  
15 at the mice when they were adults, we see these  
16 effects maintained. Activated T-cells and T-cells  
17 that secrete gamma interferon. And we also looked  
18 at IL-17, which is -- that's pro-inflammatory  
19 autoimmune protein.

20 We looked at the liver, and this time we got a  
21 little more sophisticated. So our pathologist had  
22 left, so we didn't have another one. We still had  
23 the liver samples. This is a relatively recent  
24 study. We did gene expression in the liver, and  
25 found an increase in these inflammatory biomarkers,

1 and repair. EGR-1 is a repair protein, indicating  
2 that, with TCE exposure, just during gestation,  
3 there are -- the liver genes are still activated in  
4 inflammation and repair.

5 So, I think we've talked very long. I just  
6 want to thank everyone in my lab, not individually,  
7 but in particular Kathleen Gilbert, who I've worked  
8 with for 16 years, and we've done these studies  
9 together, partners in crime, and everyone else  
10 associated with these studies. And I also have to  
11 thank research support at the NIH, and local funding  
12 through the Art and Biosciences Institute, we would  
13 not be able to do these things.

14 **MR. PARTAIN:** Dr. Blossom.

15 **DR. BLOSSOM:** I'm done.

16 **MR. PARTAIN:** On that last side that you --  
17 before the credits, when you were talking about the  
18 prenatal? What -- I mean, what does that translate  
19 to for the fetus, what, what you're seeing there? I  
20 mean, what's the -- what's the result, I guess I'm  
21 asking. And then second, could we get a copy of  
22 your presentation? Maybe if you could email it to  
23 us or something like that?

24 **DR. BLOSSOM:** Yes. And I have it annotated as  
25 well, so it'll have words associated with it.

1                   **MR. PARTAIN:** Great.

2                   **MS. RUCKART:** Would you like me to forward that  
3 on to the CAP?

4                   **MR. PARTAIN:** Yes, please.

5                   **DR. BLOSSOM:** Yes.

6                   **MR. PARTAIN:** And is this on the internet  
7 anywhere?

8                   **MS. FRESHWATER:** And we'll put it on the CAP  
9 website. I just had questions from behind me, I'll  
10 put it up on the CAP Camp Lejeune website, so  
11 everyone can see it.

12                   **MR. PARTAIN:** Going back to my first part.

13                   **DR. BLOSSOM:** Right. So this -- your question  
14 was, how does this relate to the fetus, right?

15                   **MR. PARTAIN:** Yeah, what does it mean?

16                   **DR. BLOSSOM:** What does it mean. Well this is  
17 an adult animal that was exposed during fetal  
18 development. So we don't know. We are thinking  
19 it's some kind of maternal factors when the mom is  
20 being exposed. The TCE is getting to the fetus. So  
21 we are thinking there's something going on, and  
22 we're in the process of trying to test this right  
23 now -- we need the funding -- epigenetically, that's  
24 occurring.

25                   **MR. PARTAIN:** Are you working with that guy,

1 Dr. Skinner, in Washington?

2 **DR. BLOSSOM:** No. I know -- I know his name.  
3 But we do have collaborators who are experts in  
4 epigenetics, Dr. Craig Cooney. He's known for  
5 studies looking at maternal diet and offspring  
6 epigenetics. So I think we've got some experts on  
7 board on this. We have a grant on it, actually. We  
8 just need more funding, 'cause these studies are  
9 expensive. But we do need to look at that. But  
10 some kind of fetal programming is going on.

11 **MR. PARTAIN:** So they're seeing a continuation  
12 of the damage in the fetus as it's developing.

13 **DR. BLOSSOM:** Well, we haven't looked at the  
14 fetus specifically.

15 **MR. PARTAIN:** Okay.

16 **DR. BLOSSOM:** Only after they are born.

17 **DR. BREYSSE:** Fascinating. Thank you very,  
18 very much. I have two very short questions. One,  
19 do these studies you -- in cytokine chronization,  
20 are they in the mice that were pre-exposed to  
21 autoimmune disease or were they --

22 **DR. BLOSSOM:** Yes. We did all of these that  
23 I've presented here today in these autoimmune-prone  
24 animals.

25 **DR. BREYSSE:** And are these male mice or

1 female?

2 **DR. BLOSSOM:** These are female that I'm  
3 presenting to you today. We've done some work in  
4 the male mice. We have a side-by-side male/female  
5 study that's going on right now, and results suggest  
6 that we're seeing similar effects. And in terms of  
7 neural toxicity, which I didn't talk about, we're  
8 seeing a lot more adverse neurological effects in  
9 the males versus females.

10 **DR. BREYSSE:** And then can I just ask you one  
11 quick favor.

12 **DR. BLOSSOM:** Favor, okay.

13 **DR. BREYSSE:** Can you -- so obviously this  
14 meeting here is to help inform the community members  
15 about the risks potentially associated with what  
16 happened at Camp Lejeune. What's the bottom line,  
17 do you think, from your talks about TCE and  
18 autoimmune disease?

19 **DR. BLOSSOM:** I think TCE is immunotoxic. I  
20 think it's activating the immune system  
21 inappropriately. In certain individuals I think  
22 it's causing autoimmune disease. What that is, I'm  
23 not sure. Which disease, I'm not sure. But we have  
24 not specifically looked at autoreactive T-cells. We  
25 may have just looked at T-cells. But I do think

1           it's turning on some kind of autoreactive response.  
2           I think more studies need to be done in humans too.  
3           This is -- always seems to be a bottleneck with  
4           people trying to get things accomplished, and --  
5           well, these are -- these studies were done in mice.  
6           Does it matter? It does matter. The immune system  
7           of a mouse is remarkably similar to the immune  
8           system of a human.

9           **MS. RUCKART:** Dr. Blossom, will you be  
10          available during break so that after we end our  
11          meeting and people in the audience have questions  
12          for you?

13          **DR. BLOSSOM:** Yes. I will be here. My plane  
14          does not leave 'til seven.

15          **MR. PARTAIN:** And Dr. Blossom, there are about  
16          16,000 or so children who were conceived and born at  
17          Camp Lejeune. We do have their dosage and what we  
18          were exposed to and the duration and everything. I  
19          and Chris are included in those. We'd be glad if  
20          you'd work with ATSDR to maybe trying to write some  
21          funding or some grants or something. See what they  
22          can do because they've collected a lot of  
23          information, and yeah, I don't know how feasible it  
24          is, but I mean a lot of the stuff you talked about,  
25          we lived through it.

1                   **MS. FRESHWATER:** So I have a question. I was  
2 not exposed in utero. I was around ten years old to  
3 13 or so. So when you were talking about the immune  
4 system -- because I'm having really, really terrible  
5 autoimmune. I've had -- in the past year I had a  
6 biopsy on an ulcer in my nose. You know, and my  
7 doctor's like, I've never seen an ulcer in someone's  
8 nose. But it, you know, -- so I have had a lot of  
9 issues with this. So would -- how -- like so am I  
10 better off that I was ten than five? Like you know  
11 what I mean? Does it mature to a point where it  
12 becomes more ready to kind of fight this off as you  
13 get older, you know, into your teens?

14                   **DR. BLOSSOM:** Yes. I do think that -- I mean,  
15 it's a progression. When you are more immature your  
16 immune system is more immature. And as time goes  
17 on, it becomes a lot better, or better equipped at  
18 toxic insult. Now, we do see adult-only exposures  
19 causing disease. But, you know, in your particular  
20 circumstance it's hard to say five versus ten, or  
21 whatever, but definitely childhood is a very  
22 sensitive time for exposure.

23                   **MS. FRESHWATER:** I had two siblings who died of  
24 neural tube defects, and my mother died of two types  
25 of leukemia. So I was exposed to the same water



1           that caused -- you know. So, you know, I know that  
2           there are benefits to these wonderful scientists  
3           who -- of being a child, because of cell turnover  
4           and that kind of thing. So I was just curious about  
5           the immune system, since that's the particular thing  
6           that I seem to be dealing with the most. I see a  
7           rheumatologist.

8           **DR. BLOSSOM:** Right.

9           **MS. FRESHWATER:** Okay. Thank you so much.

10          **DR. BREYSSE:** Let's -- for questions, and then  
11          I think we need to be closing for Dr. Blossom.

12          **AUDIENCE MEMBER:** Yeah, my question is that is  
13          this information being shared with the toxicology ^?  
14          Is this information being shared with the member  
15          community?

16          **DR. BLOSSOM:** It is definitely being shared.  
17          It is on ^ public access to my journal articles.  
18          I'm presenting this at toxicology meetings. In  
19          terms of physicians who are seeing patients, I doubt  
20          it.

21          **AUDIENCE MEMBER:** Okay, the reason why --

22          **DR. BREYSSE:** I think that -- sir, you can  
23          really bring that up with Dr. Blossom during the  
24          break.

25          **DR. BLOSSOM:** Yeah, I can only do so much.

1                   **AUDIENCE MEMBER:** Okay. All right.

2                   **DR. BLOSSOM:** Sorry.

3                   **MR. TEMPLETON:** Dr. Blossom, we want to thank  
4 you so much for taking the time to come down here  
5 and delivering us the results of your past and  
6 current work there. It's very, very eye-opening, at  
7 the least. One quick question though. As it  
8 appears to me, for the end points of it, and  
9 especially with the tendency ^ that a potential end  
10 point would maybe be arthritic, or arthritis in  
11 humans. Would that be a reasonable suspicion, that  
12 that might be an end point?

13                   **DR. BLOSSOM:** Such as like rheumatoid arthritis  
14 as opposed to osteo?

15                   **MR. TEMPLETON:** Not necessarily rheumatoid, but  
16 arthritises that are associated.

17                   **DR. BLOSSOM:** Definitely, because they're  
18 immune-mediated. And anything that's going to cause  
19 TCE to sort of inappropriate activation of the  
20 immune system, it's going to affect many different  
21 things, not just autoimmunity, as we're seeing in  
22 the brain. We're seeing a lot of inflammation in  
23 the brain, either an indirect effect through the  
24 immune cells, which it could very well be, some of  
25 these cytokines can cross the blood/brain barrier,

1 or a direct effect as well. So there's just --  
2 there's so many questions.

3 **DR. BREYSSE:** So on behalf of ATSDR and the  
4 CAP, I'd like to thank Dr. Blossom for coming today.  
5 So to try and get back on time, Loren?

6 **DR. ERICKSON:** I need to speak to Dr. Dinesman  
7 just quickly.

8 **DR. BREYSSE:** Okay, we were going to try and  
9 shift to you guys real quick.

10 **DR. ERICKSON:** Well, stick with the schedule.  
11 We'll be right with you.

12 **MR. ORRIS:** Dr. Breysse, if I may real quick,  
13 based on Dr. Blossom's study, would an  
14 epidemiological health survey of the 16,000 children  
15 exposed in utero at Camp Lejeune help identify some  
16 of the trailing conditions, based on what  
17 Dr. Blossom has assessed today?

18 **DR. BOVE:** Well, that's what the survey tried  
19 to do. It had questions about lupus and questions  
20 about scleroderma. It had the TCE skin  
21 hypersensitivity, which is really quite similar to a  
22 reaction you have -- when you have a drug reaction.  
23 It's that kind of a skin sensitivity. There's  
24 actually three or four components to diagnosing  
25 that. I don't have it with me, but if you want I

1 can get it, but it's back in my office.

2 So we did try to look at these autoimmune  
3 diseases because that's one of the main mechanisms,  
4 we think, that TCE causes non-Hodgkin's lymphoma,  
5 for example, liver cancer, possibly also leukemia as  
6 well. So that the immune dis-regulation, it's a key  
7 mechanism they're thinking about for a variety of  
8 these cancers, and, as I said, scleroderma is --  
9 it's definitely associated with TCE exposure in  
10 occupational components.

11 But we attempted -- we had 12,598 births from  
12 the birth defect study survey that we did, many  
13 years ago now, to identify birth defects. And we  
14 were able to identify neural tube defects and  
15 clefts, and did a study of that. And we had a  
16 difficult time and really could not ascertain the  
17 heart defects very well. And so that was a problem  
18 back then.

19 And then we had a recent survey, relatively  
20 recently, that we're still finalizing as we speak.  
21 And we had difficulty finding these people. I just  
22 went back over to look at the breakdown, and  
23 about -- out of that 12,598 about 44 percent we  
24 could not really locate. Actually it's probably  
25 closer to 46 percent. And then 40 percent did not

1           respond.  Maybe they didn't want to participate or  
2           maybe we still didn't have the right address for  
3           those people.  And so at the end of the day we had  
4           less than 15 percent responding and filling out a  
5           survey.  So that was the problem with that approach,  
6           and it's going to continue to be a problem 'cause  
7           there's no -- all we have on these people from the  
8           earlier survey is name, date of birth, race and sex.  
9           The name's going to change for a lot of the people.  
10          And tracing, we used the -- one of the top tracing  
11          companies in the survey, and we just could not find  
12          most of these people.

13                 So I don't think that's the approach that we  
14          need to take.  I think maybe we -- you know, we need  
15          to find another population that is exposed to TCE  
16          and is easier to identify and locate or we're going  
17          to have to rely on other possibilities like animal  
18          studies to look at this.  Again, occupational  
19          cohorts are always important but that doesn't  
20          account for prenatal exposures, which, as Mike puts,  
21          different outcomes than adult exposures.  But adult  
22          exposures -- as you see the occupation letters -- do  
23          cause autoimmune diseases like scleroderma, so  
24          that's the best I can answer.

25                   **MR. ORRIS:**  With all due respect, Dr. Bove, I

1 mean, we've been over this a couple of times, my mom  
2 doesn't know my conditions, and sending my mom the  
3 health survey asking about my current health  
4 conditions, certainly --

5 **DR. BOVE:** That's not what we did. That's not  
6 what we did.

7 **MR. ORRIS:** Well, I never got a survey.

8 **DR. BOVE:** And that points out the problem. We  
9 tried -- we asked the tracing firm to find the  
10 children as well as the parents.

11 **MR. ORRIS:** Well, I mean, my, my problem --

12 **MS. FRESHWATER:** We've been over this, Chris.  
13 We've been over this, and I don't -- I just like --

14 **DR. BOVE:** I don't know how else we can do it.  
15 We went to the best tracing firm we know of that's  
16 experienced in tracing people, and they could not  
17 find them. Without additional information it's very  
18 difficult. Even with Social Security Number, we had  
19 difficulty with some of the Marines in getting their  
20 proper address because they move so much. It was  
21 very difficult to trace them. But if you're talking  
22 about people with just name, date of birth and sex,  
23 really, it's very difficult.

24 **DR. BREYSSE:** All right. So with the VA's  
25 consent we'd like to shift the agenda a little bit

1           and have the VA updates before we break for lunch,  
2           and we'll come to the public health assessment  
3           updates after lunch.  
4

5           VA UPDATES

6           **DR. ERICKSON:** Absolutely. In the interest of  
7           time -- and thank you, Mr. Chairman, for moving us  
8           up on the agenda. We will try and be succinct,  
9           pithy, to-the-point. What I recommend is that there  
10          are four of us that are on speaking parts, again,  
11          the four of us coming to this meeting, I hope, is  
12          representative of our engagement with the Camp  
13          Lejeune community and ATSDR, looking for solutions.  
14          The fifth member, of course, being Mr. Herb Wolfe,  
15          who's joined us.

16          Let me just say the order of events will be,  
17          quickly, Mr. Brady White will give us a quick update  
18          on the veteran family member healthcare program. As  
19          you know he's talked about this in past CAPs and got  
20          up some numbers for you, I believe. I will go  
21          second and give the update on the clinical practice  
22          guidelines, where they stand, answer the due-out  
23          that was on the list related to that. Mr. Brad  
24          Flohr will go third and talk about the status of the  
25          proposed presumptions for Camp Lejeune veterans, and

1 perhaps talk about claims a little bit. And then  
2 lastly we'll come back to Dr. Alan Dinesman, who  
3 will talk again about disability medical assessment,  
4 SME and process. So Brady?

5 **MR. WHITE:** Thank you guys for having me again,  
6 and sorry I missed the last meeting. There was a  
7 big snow storm that hit, and I was unable to make it  
8 in-person. This time I had a flight on Delta.  
9 Almost missed it. From a personal standpoint, I  
10 just want to thank you for your support. A lot of  
11 you guys know I was dealing with Hodgkin's lymphoma  
12 and going through all the chemo and radiation. Just  
13 had a update from my oncologist a couple weeks ago,  
14 and everything is checking out great.

15 **MR. PARTAIN:** And your hair does look great. I  
16 wish mine came back like that.

17 **MR. ENSMINGER:** Nobody recognized him.

18 **MR. WHITE:** So I've had this presentation with  
19 you guys before, but in the interest of time, I just  
20 tried to email it to you but it looks like my email  
21 may be snagged up. So you can share it later on, if  
22 anybody has any questions about any specific data  
23 points.

24 But I just wanted to highlight, as you know,  
25 the Camp Lejeune law was passed in 2012, and we



1 started compensating family members for their care  
2 in October of 2013, and taking care of the veterans  
3 right when the law was passed. So as of July 1, we  
4 have provided healthcare to 25,364 veterans.  
5 2,515 of those were for a specific Camp Lejeune --  
6 one of the 15 conditions.

7 **MR. ENSMINGER:** How many?

8 **MR. WHITE:** 2,515. And of these veterans 211  
9 received that care this fiscal year.

10 And then I've got a breakdown of the 15  
11 conditions specifically, and how many veterans we're  
12 seeing. There was a question earlier about breast  
13 cancer. And right now we have 58 breast cancer  
14 veterans, that are receiving care specifically for  
15 breast cancer. And of those, 15 are male and 43 are  
16 female.

17 For the family member side, you know, we've  
18 done a lot of outreach with the U.S. Marines, and  
19 they've been really, really good about helping us,  
20 you know, get the word out. We sent out hundreds of  
21 thousands of letters, and I've got some specifics of  
22 what outreach that they've actually done for this  
23 program. You know, they've put a lot of information  
24 in various publications. But, you know, we're still  
25 having a challenge of finding these family members.

1           So one of my focuses this upcoming year is going to  
2           be, you know, what are some other outreach that we  
3           can do that we haven't thought of, and any input any  
4           of you guys can provide for that would be very much  
5           appreciated.

6           Because of the family members that have  
7           applied, and it's 1,525, I have less than 200 that  
8           are currently receiving benefits. So, you know, we  
9           anticipated about 1,100 a year who have been  
10          applying, and we're not quite there. So, you know,  
11          again, any outreach activities that you can think of  
12          that would help us would be greatly appreciated. So  
13          those are kind of some of the bigger numbers.  
14          Again, I'll make this presentation available to you,  
15          if anybody has any questions.

16                 **MS. FRESHWATER:** I got it. I'll forward it.

17                 **MR. WHITE:** Excellent. All right, any  
18          questions for me?

19                 **DR. ERICKSON:** Brady, do you have some  
20          colleagues that are with you here, that you had  
21          mentioned?

22                 **MR. WHITE:** Yes. Thank you for reminding me.  
23          I asked the health eligibility center -- they have  
24          done a tremendous job in helping us establish  
25          veteran eligibility, answering questions regarding

1 the family members, but I'm not sure if they're here  
2 yet. They were going to be here. And I actually  
3 haven't ever met them. You know, they're based here  
4 in Atlanta, and I'm in Denver. They told me they  
5 were going to be here so I'm hoping that they will  
6 be. Maybe after the break or after lunch they might  
7 show up. So in the audience, if you have any  
8 questions for me for the family member program, you  
9 can approach me during the breaks or lunch, or we're  
10 going to be here after the presentations as well, to  
11 answer any questions.

12 **MR. TEMPLETON:** Brady, a question for you. How  
13 is the process going on proving residency? I know  
14 that was a difficult thing for you guys to do. Have  
15 you gotten any cooperation from the Marine Corps in  
16 streamlining?

17 **MR. WHITE:** Absolutely. Thanks for asking. We  
18 actually have a process established that is, we  
19 think, as beneficial to the family members as we can  
20 make it, because, as you guys know, how difficult is  
21 it for a family member to, you know, show some kind  
22 of document showing that they were at the base,  
23 right?

24 So the process we've established, and I got  
25 this cleared through our Office of General Counsel,

1 was the Marines have a database, a housing database,  
2 that shows, you know, who was on base housing. And  
3 what we've done is we've made the connection that  
4 says, if a family member can show that they had a  
5 relationship with the veteran during that covered  
6 time frame, we can use that housing database, even  
7 though they're not specifically identified, we can  
8 use that housing database to put the family member  
9 on the base. So we've actually been pretty  
10 successful in getting most people that have applied  
11 through that method.

12 **MR. TEMPLETON:** Does that use the MCI east  
13 database? Marine Corps installations east database  
14 and FOIA process that they have? They have like a  
15 FOIA process through Martha White and...

16 **MR. WHITE:** Yeah. I'm not sure of that  
17 process. The Marines have created this database,  
18 and certainly they share it with us.

19 **DR. BOVE:** In fact we computerized it first,  
20 and then they -- we went back and forth. It's on  
21 index cards from the housing office.

22 **MR. ORRIS:** Brady, can we get a breakdown of  
23 the types of processes that are being approved? Can  
24 we get some idea of what --

25 **MR. WHITE:** Sure. That's one of the slides

1 that you'll have, for both the veterans and the  
2 family members, based on the 15 conditions.

3 **MR. PARTAIN:** Hey Brady, what about situations  
4 where, say, an extended family member, a  
5 father-in-law, comes in to stay at the home while  
6 husband is deployed, to care for a newborn, and he's  
7 there for two years, and the father-in-law comes  
8 down with one of the 15 conditions. And he's  
9 residing at the onbase residence. Is there a way to  
10 verify that or extend coverage for people in those  
11 situations?

12 **MR. WHITE:** Yeah, Mike. That was a question we  
13 had early on, you know, what, what does it mean when  
14 the law states, you know, who's going to be  
15 eligible? And our Office of General Counsel,  
16 basically we made the determination that, in order  
17 to qualify for the program, the family member has to  
18 have a dependent relationship. Anything else?

19 **DR. ERICKSON:** Thanks, Brady. So I'll try and  
20 pick up from there. Just want to sort of underscore  
21 that what Brady's been talking about and what I will  
22 continue to talk about is a very narrow, discreet  
23 program that was called into effect in 2012, with  
24 legislation that was named after Jerry Ensminger's  
25 daughter, and this is the provision of healthcare

1 for 15 conditions. It's not related to  
2 compensation. It's not related to claims, but  
3 frequently there's some confusion about that.

4 To let you know that within the process Brady  
5 is at the front end as it relates to administrative  
6 eligibility. A few of those issues you just talked  
7 about have to do with administrative eligibility.  
8 The medical eligibility piece is handled by the  
9 folks that work under me, and this is a different  
10 set of medical SMEs. It's a different set of  
11 subject matter experts than who will work under  
12 Dr. Dinesman, and I will just describe this very  
13 quickly. At each of our war-related illness and  
14 injury centers we have physicians, so there's a  
15 total of three centers, or three sites for the risk.

16 There's three physicians who will do the  
17 medical review of the records for the claims that  
18 are put in. And as it relates to how that goes, and  
19 I want to be able to be responsive to the due-out  
20 here, there is a clinical practice guideline that  
21 was developed, that we then asked the Institute of  
22 Medicine, now called the National Academy of  
23 Medicine, that they review this. We mentioned this  
24 at the last meeting, that we were -- we thought we  
25 were coming into the final rewrite of those

1 guidelines based upon the input from the National  
2 Academy of Science. We slowed down as we went  
3 through the lawyers -- sorry, Craig, I'm not picking  
4 on the lawyers here -- but it slowed down a little  
5 bit, and we can say it's their job to always go back  
6 to the original legislation, read the law, make sure  
7 that what we're recommending is still consistent  
8 with what Congress intended, et cetera. So I will  
9 tell you that in a general sense the new set of  
10 clinical guidelines are approaching very quickly the  
11 signature by our undersecretary, Dr. Shulkin. I  
12 will tell you that they have taken into account the  
13 excellent input from the National Academy of  
14 Science, National Medical Academy, formerly the IOM.

15 I will tell you that we have -- we feel pretty  
16 good about this, and in particular I want you to  
17 know that the people who concentrated the work on  
18 the rewrite are the same folks that are working with  
19 Brady, working with me to make the process work as  
20 efficiently as possible. And the goal here is to  
21 get the information that allows us to get to yes.  
22 And I'll just state that for the public record.  
23 That's what we're looking for.

24 And so I want to be able to now answer the  
25 due-out by telling you what I mean by getting to

1           yes. Once an individual, let's say a family member,  
2           has been deemed administratively qualified, because  
3           of residency, dates and all these types of things,  
4           and then they're starting to submit claims, because  
5           again remember the government in this case is the  
6           last payer of -- for claims. And so they have  
7           bills. They want those bills paid, and they're  
8           submitting those. There are -- there is a number of  
9           documents that often times will accompany that  
10          claim, and in particular there's one document that  
11          is quite important, and that is the treating  
12          physician report. Not the treating position report,  
13          it's in the due-out. Right, the TPR. And I say  
14          this for those from our community, some of whom I've  
15          met today, who are filing claims on behalf of family  
16          members or who are a family member, that treating  
17          physician report is going to be real important  
18          because we pay direct attention to that. Who would  
19          know better than in fact that physician who is  
20          treating that individual patient, that family  
21          member, who now has the condition. And there will  
22          be information in there about the diagnosis, about  
23          the treatment, about, you know, how this is tied to  
24          the claim as it relates to the cost that would need  
25          to be reimbursed.



1           The TPR, the treating physician report, is the  
2           first place that our medical SMEs go to. And we're  
3           hoping that in that document we will find what we  
4           need to say claim looks like it's squared away;  
5           let's go. If it's not clear in the TPR, in the  
6           treating physician report, then at that point we  
7           look at medical records. And there have been times  
8           when perhaps the TPR has not been written as well as  
9           we would've wanted, maybe it wasn't as comprehensive  
10          or as detailed. But these three medical SMEs of  
11          ours will go into the medical record and will look,  
12          and will look actively for information that talks  
13          about, you know, hospital stays and outpatient  
14          visits and diagnostic tests, and things that would  
15          support those diagnoses that are being claimed and  
16          how those are tied to certain bills.

17          If in fact it looks like, looking at the  
18          medical records, we don't quite see enough, there's  
19          a third step that we actually do, and we will reach  
20          out. We have nurses that work with these three SME  
21          physicians as well, and the nurses will actually  
22          contact the folks who have submitted the claim, and  
23          will say we need more. We need more. You know,  
24          we've looked at the treating physician report; we've  
25          looked at the medical records; we're not saying we

1 don't believe you but give us more to work with. In  
2 some cases there may be a trail of medical  
3 records -- I'm sorry, of medical bills or medical --  
4 or part of the medical claim that's been ongoing,  
5 that tells the story in itself, okay. In the case  
6 of somebody who's been treated for cancer.

7 Now, the due-out asked the question about  
8 remission versus active disease, and I know a few of  
9 you on the CAP have wanted some clarification on  
10 this. Within the process that I've just described  
11 we recognize that if an individual has one of the 15  
12 conditions -- don't -- you're too late, Tim. You  
13 could give me a heart attack here -- if the person  
14 who's submitting the claim has one of those 15  
15 conditions, we understand that the medical care that  
16 would be provided, either to the VA for the veteran  
17 or the reimbursement for the medical bills to the  
18 family member, is first and foremost to that  
19 treatment for that medical condition. But we  
20 realize there are other medical conditions that are  
21 associated with it, because a few who have cancer,  
22 they're receiving chemotherapy. There can be lots  
23 of other things going on with you physically that  
24 are related to that initial disease.

25 **MR. PARTAIN:** Dr. Erickson, is there -- and I

1 don't mean to interrupt you here, but do you have a  
2 list -- I mean, for example, I went through  
3 chemotherapy. Every year I have to go back for an  
4 oncologist review. I'm on gabapentin because of  
5 neuropathy. I've got severe neuropathy in my feet  
6 because of chemotherapy. I also became diabetic  
7 during chemotherapy. You know, I understand what  
8 you're saying about the TPR and going through all  
9 this, but, you know, kind of cut to the chase. Is  
10 there something that you guys need to establish to  
11 where, when I put my claim in for the medical  
12 reimbursements and things, I can -- I know what I  
13 need to get or what I need to tell my doctor to put  
14 in mine so I can get this stuff taken care of? I  
15 mean, and I'm sorry to interrupt, but like my  
16 primary insurance, I have a \$3,000 a year yearly  
17 deductible. My yearly cancer visit at Moffitt  
18 Cancer Center is at least 6- to \$800 out-of-pocket  
19 for them because of the deductible, plus my yearly  
20 medicals and everything. Basically just because the  
21 residuals of cancer, you know, I'm not actively  
22 treating for male breast cancer, I usually incur  
23 about \$3,000 out-of-pocket medically.

24 **DR. ERICKSON:** Yeah. So that's a great, great  
25 question. So my recommendation to you, and to

1 anyone else that's hearing my voice who would  
2 perhaps have a similar question or a similar  
3 circumstance, as you talk to your physician just  
4 say, look, you know, you realize that in addition to  
5 my cancer, in your case, I have things that have  
6 happened. It's what we call sequelae, second- and  
7 third- order effects that occur, and some of them  
8 are going to be chronic. They'll be lifelong.  
9 They'll be with you. And the therapy with  
10 gabapentin, et cetera, is a case in point. You can  
11 ask your physician, put into the TPR, put into that  
12 letter that you're writing that in fact you, as my  
13 treating physician, you recognize that these  
14 conditions, in your professional opinion, are tied  
15 to that covered condition, that one of the 15  
16 conditions.

17 But you've touched on something else, and I'm  
18 going to talk about this in the context of cancer.  
19 So an individual comes in. They've filed the claim,  
20 and it's a cancer; it's clear they've got it, and  
21 it's one of the 15 conditions. Our SMEs take a  
22 whole-body approach. If an individual has active  
23 cancer -- they're, you know, they're getting  
24 surgery, you know, they're having chemotherapy,  
25 radiation, and all of this is tied into their claim

1 in terms of the bills that they need to have paid,  
2 we take a whole-body approach. We don't start to  
3 nit-pick and say, well, this thing doesn't fit; this  
4 thing doesn't fit. At least that's the way we're  
5 doing it right now. That's how we're operating.

6 But at the point in time where an individual  
7 goes into remission -- and remission, for all of  
8 you, could be a really good thing to be told by your  
9 physician. It means your cancer is no longer  
10 progressing. It may not be that you're absolutely  
11 totally out of the woods, but at least your cancer's  
12 not progressing, okay. You can be treated and it  
13 looks like you're doing well at this point in time.

14 We recognize that there is a period of time  
15 where you're still going to be getting care for  
16 certainly those related things that spun out from  
17 having the cancer and from the treatment, like you  
18 were talking about, Mike. Likewise we recognize  
19 that in some cases you may be under continued  
20 surveillance by the medical system because of your  
21 cancer. You may be on some type of maintenance,  
22 okay. There are now medications that are given to  
23 cancer patients that they'll extend out through  
24 years because these medications have been found to  
25 prevent a recurrence of cancer, and we recognize

1           that as well. Does that help?

2           **MR. PARTAIN:** Yeah. And what about the -- you  
3 know, like the guy who had the side effects? From  
4 treating cancer there is, you know, substantial  
5 damage that's occurred, such as diabetes, such as  
6 neuropathy and things like that.

7           **DR. ERICKSON:** Right. And so of course that  
8 will be on a case-by-case basis, but there is a  
9 rational basis for that, and this is how our group  
10 operates as we review those claims.

11          **MR. ORRIS:** So can we circle back to the TPR  
12 real quick? The treating physician report, is that  
13 the same one that was initially put on the site  
14 where it requests from your family physician,  
15 basically your primary care doctor, whether or not  
16 that that illness was caused by exposure at Camp  
17 Lejeune?

18          **DR. ERICKSON:** Brady, did we change that on the  
19 website or is it?

20          **MR. WHITE:** Yeah, it's the same report.

21          **MR. ORRIS:** Okay, and what kind of weight do  
22 your SMEs take that statement from the doctors?  
23 What weight bearing is that in the approval process?

24          **DR. ERICKSON:** Yeah, so it carries considerable  
25 weight. And as I tried to describe a minute ago,

1           there's a three-phase process. That's the first  
2           spot. And if that looks like that is sufficient and  
3           has things in there, then, you know, our medical  
4           SMEs don't have to go a lot further, but are willing  
5           to go further if in fact it doesn't look like that  
6           quite gives us what we need. And again, the going  
7           further is looking further through the medical  
8           record ourself, is looking at previous claims for a  
9           pattern, is calling the individual.

10           **MR. ORRIS:** So one of the concerns about what's  
11           happened with that is a lot of your, you know,  
12           physicians are not very familiar with Camp Lejeune  
13           and with what the illnesses are and whether they  
14           were caused by those illnesses, and so what happens  
15           if a physician states that they don't think that  
16           that's the case, even though it's a covered  
17           condition? What kind of weight does that bear in  
18           the SME process?

19           **DR. ERICKSON:** Okay. That's a good question,  
20           because you're right, there's a whole universe of  
21           treating physicians and this is a little sector, et  
22           cetera, that may not be up-to-date on Camp Lejeune  
23           and such. I will tell you for sure the medical  
24           SMEs, the three that I mentioned, they are up on it,  
25           and they realize that not all their colleagues will

1 be fully schooled, and so that's the reason for  
2 those additional steps that I mentioned. If it  
3 looks like the TPR has been fumbled or, you know --  
4 and if you think about it, I think most -- even  
5 though those physicians that are in the field, that  
6 are civilian physicians, may not be working with  
7 veterans and Camp Lejeune families, et cetera, most  
8 of them want the best for the patients they're  
9 treating, you know, and so work with them, you know,  
10 especially those of you that are members of the CAP.  
11 You'll know more than they do, and you'll be in a  
12 good position. But for that matter, for the public,  
13 you know, we have information on the websites.  
14 There's other ways to access information. Feel free  
15 to share that with your treating physician so as to  
16 bring them up to speed.

17 **MR. ORRIS:** And would you still accept the  
18 claims if the treating physician report would not  
19 indicate one way or the other what their opinion was  
20 based on that?

21 **DR. ERICKSON:** Right. So again, if the  
22 treating physician report doesn't really take a  
23 stand or it's a little wishy-washy or it's, you  
24 know, has some gaps, again, our folks will go in the  
25 medical record ourselves. We will look for the



1           diagnostics. We will look for those procedures. We  
2           will look for the diagnoses, ICD codes, et cetera --  
3           in this case, yes, ICD codes -- we will -- and  
4           again, beyond that we'll look at the claims history.  
5           We'll look at other evidence. And if it's still not  
6           there we will make the phone call.

7           **MR. WHITE:** And Dr. Erickson, if I can add to  
8           that. So when somebody applies for the program, and  
9           they're approved for a particular condition of the  
10          15, anything associated with that condition or with  
11          the treatment of that condition, once that's  
12          documented, we also cover the treatment for that.

13          So the reason why it's important for cancer  
14          treatment that we distinguish between active phase  
15          of cancer and something that's in remission is,  
16          again, we cover what Dr. Erickson refers to as the  
17          whole body. So anything that comes in during that  
18          active phase of cancer, as long as it's not, you  
19          know, prohibitive, we will cover that care.

20          And then to help the family members, we  
21          automatically grant a six-month extension of  
22          coverage. And if we see we're continuing to get  
23          medical bills for whatever that treatment is for, we  
24          basically extend it another six months, so the  
25          family members don't have to jump through a lot of

1 hoops just to fill in another form.

2 But at a certain period of time we do have to  
3 confirm that, yes, they are still continuing to get  
4 active treatment.

5 **MR. ORRIS:** And just a quick follow-up, would  
6 that also including cancer screening in the future  
7 indefinitely?

8 **MR. WHITE:** Once that active phase of cancer is  
9 done, anything associated specifically with that  
10 cancer or with one of the associated conditions, we  
11 will cover that.

12 **DR. ERICKSON:** Right. In particular we  
13 reference the U.S. preventive medicine task force,  
14 which makes recommendations for diagnostics for  
15 screening. And that's a document that is living,  
16 that continues to be updated by HHS, I think, Health  
17 and Human Services? Yeah. For the sake of making  
18 sure that it stays current for, you know, those  
19 diagnostics.

20 **MR. WHITE:** But let me make sure I understand  
21 your question. So for screening, until somebody  
22 gets the illness we actually can't cover that  
23 screening. But once they get it -- like let's say  
24 you screen for breast cancer or whatever, we will  
25 pay for that screen visit but we can't pay for, you

1 know, if you had screening visits for five years  
2 before you were diagnosed.

3 **MR. ORRIS:** So after you're diagnosed, let's  
4 say you go into remission, you'll continue to pay  
5 for the screening.

6 **DR. ERICKSON:** Absolutely.

7 **MR. ORRIS:** Okay.

8 **MS. CORAZZA:** So where are those captured?  
9 They're not in the clinical guidelines that are in  
10 the process now, so when are those going to be put  
11 into more available?

12 **DR. ERICKSON:** Well, you've not seen a copy of  
13 the --

14 **MS. CORAZZA:** Well, I have.

15 **DR. ERICKSON:** Oh, you're going to tell me you  
16 have a copy.

17 **MS. CORAZZA:** Well, I saw a copy several months  
18 ago, but then we brought it up at the last CAP  
19 meeting that there were not a lot of diagnostic  
20 tests indicated or like what the clinical guidelines  
21 would be for getting to some of these answers.

22 **DR. ERICKSON:** Again, I don't know what version  
23 of the draft this has gone through, you know,  
24 staffing at VA you would've seen. It certainly  
25 would not have been deemed a product that would've

1           been accessible by FOIA because it is a working  
2           document. You know, I mean, Danielle, I know you  
3           have friends and spies.

4           **MS. CORAZZA:** No, no, no. My question is just  
5           what -- is there a plan to get those captured?

6           **DR. ERICKSON:** Right, right. So again --

7           **MS. CORAZZA:** This is the first I've heard that  
8           it was.

9           **DR. ERICKSON:** -- when I say it doesn't list  
10          all the -- you know, the document would be defeated  
11          if we tried to have a very specific list of the  
12          diagnostic screening tests. And that's why we  
13          referenced the U.S. preventive medicine task force,  
14          because that list is published and is updated  
15          periodically. If we put our list into the document,  
16          within a year or two, you know, people -- I mean,  
17          maybe you guys, members on the CAP would be bringing  
18          that to our attention that it wasn't up-to-date.  
19          We're sticking with a recognized authoritative  
20          source for screening. We think it's just the best  
21          document.

22          **MR. TEMPLETON:** I just wanted to make one brief  
23          point about, you know, I'm hearing the whole-body  
24          approach and what we're doing, but I'm seeing a  
25          little bit of a difference than what I'm hearing.

1 I'm hearing this but I'm seeing something different,  
2 and primarily in the SME comments that I see is  
3 saying that it didn't happen during service. They  
4 didn't complain about it in the period directly  
5 after service. And that comment is almost  
6 throughout every one of the denials that I see. And  
7 that seems to kind of contradict the whole-body  
8 approach in that they're not recognizing that it  
9 could be a latent illness.

10 **MS. FRESHWATER:** And didn't we address this  
11 already, Tim? Am I wrong that we addressed this and  
12 asked that that not be included, or that it be  
13 clarified, that they did not have to have the  
14 symptoms while serving?

15 **DR. ERICKSON:** Okay, so just to make sure, are  
16 we still talking about the 2012 healthcare law or  
17 now we've moved over to disability? Because  
18 that's -- someone else is going to talk about that  
19 in a minute. That's a different set of SMEs,  
20 different set of rules. I'm more than happy to have  
21 Brad Flohr answer those questions.

22 **MR. FLOHR:** I think you took up all my time.

23 **DR. ERICKSON:** That is -- yeah. Just very  
24 quickly, if within the 2012 healthcare program,  
25 based upon the Janey Ensminger Act legislation, you

1 think there's a disconnect, contact Brady or myself,  
2 and we can look at specific cases.

3 All right, so Brad, why don't you take over,  
4 'cause they want to hear about presumptions, Buddy.  
5 And I'll help you too, if you need help.

6 **MR. HODORE:** Well, Dr. Erickson, I have one  
7 last question for you. Under the 15 conditions, the  
8 health effects conditions, what is covered under  
9 neural behavior defects?

10 **DR. ERICKSON:** So this is something that we  
11 asked the Institute of Medicine, now called the  
12 National Academy of Medicine, to help us understand,  
13 and they provided input to that end, as to what  
14 questions fall under that. If you've read it, and  
15 I'm not going to be exhaustive in my answer, but one  
16 of the things was they said you should include  
17 Parkinson's disease as a neural behavioral effect.

18 Now, just very quickly, it's not an effect. We  
19 know it's a disease with very specific symptoms.  
20 It's named. It has an ICD code. But their  
21 recommendation was that we include it. I can't show  
22 you the updated document. I mean, sounds like  
23 Danielle may have it. She may have a more updated  
24 version than I have. But we have clarification  
25 that's coming on that. You just have to wait for

1           that; I'm sorry. Okay, Brad.

2           **MR. FLOHR:** Okay. This is Brad Flohr.  
3 Briefly, just to recap, what had happened was that  
4 in December of last year Secretary McDonald went to  
5 meet with Senators Burr and Tillis and Isakson, and  
6 I was there, and Dr. Breyse was there as well.

7           **MR. ENSMINGER:** That was July.

8           **MR. FLOHR:** No, that was December last year,  
9 Jerry. And he announced that he wanted to have  
10 maybe three presumptions. And we went back and we  
11 started a press release, and subsequently the list  
12 increased after Dr. Breyse and his staff worked to  
13 provide us with some relevant information about  
14 potential exposures.

15           I got to tell you we drafted a regulation about  
16 as quickly as has ever been drafted in the VA, and  
17 gotten through VA, through all of our attorneys, all  
18 the various levels, VHA, VBA, and was approved from  
19 the secretary's office, and then went to OMB. And  
20 that's where it still is. And we've met with OMB on  
21 several occasions in-person, who most recently last  
22 Tuesday. They had concerns, questions, and we're  
23 trying to address them. And you know, we want to do  
24 things a little bit differently than they do. Like  
25 we'd like to have an interim final rule be

1 published, like the C-123 reservists rule was, which  
2 would allow us to pay compensation the day it's  
3 published, and then address comments afterwards.  
4 OMB does not want to do that. They believe  
5 basically an interim final rule they will approve  
6 when there's not a lot of potential for lots of  
7 comments, both negative and positive. And we're  
8 still working on that. I don't know if we'll be  
9 successful. That remains to be seen, but it is in  
10 the works. And they are working with us. They've  
11 provided us with some language we can put into our  
12 reg. which might make it easier for them to approve  
13 and easier for the public to understand. And so  
14 we're doing that now. We're rewriting our reg.,  
15 just making little -- just inserting some language  
16 they gave us. It's not really rewriting it. And  
17 that will be going back to them soon.

18 The Secretary, accompanied by Dr. Erickson, as  
19 the director of OMB, at least once, if not twice,  
20 where the Secretary expressed his concerns and his  
21 willingness to go over OMB, if necessary. He is  
22 dedicated to getting this done, as are we. Doing  
23 all we can and working very hard on this.

24 **DR. BREYSSE:** And if I can just add an  
25 amendment to that. So OMB reached out to us



1           yesterday, and we have a call with them tomorrow to  
2           talk about it. I'm not sure what they want to ask  
3           us but we'll sort that out. And we also recognize  
4           that getting our document, which we provided, if you  
5           remember, on relatively short notice at the request  
6           of the Secretary, peer reviewed out in public, and  
7           we understand that's a crucial component of getting  
8           this through the process of OMB.

9           **MR. ENSMINGER:** And the director of OMB is the  
10          one that's digging his heels in on that?

11          **MR. FLOHR:** Not so much the director.

12          **MR. ENSMINGER:** All right, who is it, then? I  
13          mean, I want to know.

14          **DR. ERICKSON:** So I've been to the White House  
15          twice on this and part of very, very intimate phone  
16          calls with that office. You know, there is process  
17          within the federal government that is sometimes is  
18          slow. I will say that in this case this particular  
19          action has the attention of the Secretary of  
20          Veterans' Affairs, Mr. Bob McDonald, and has the  
21          attention of Mr. Shaun Donovan, who is director,  
22          OMB. And they have spoken directly, extendedly, on  
23          this issue with the goal of finding a way to get the  
24          rule on the street. And so it's, just say, we're at  
25          the point right now it's not a matter of yes or no.

1 I think that this is probably important to add.  
2 It's not a matter of yes or no. It's putting on the  
3 street the best written rule so that it will hold  
4 up, it will quickly go through public comment and go  
5 into effect. And so it's become a team effort that  
6 now involves -- I mean, this is pretty cool, it  
7 involves two Cabinet-level officials. It's not  
8 stuff with muckety-muck staffers like me, okay?  
9 It's two Cabinet-level officials. They are now  
10 taking this thing through its final paces.

11 **MR. ENSMINGER:** But, you know, Dr. Erickson and  
12 Brad, these people need to understand that we have  
13 veterans out there that, thank God, they are getting  
14 treatment, okay? But they're healthy but homeless  
15 now because they can't work with a debilitating  
16 disease. They can't make their damn house payments.  
17 They can't buy food. They can't support their damn  
18 families. And here we are playing damn games with  
19 OMB. Now, something's got to give.

20 **MR. FLOHR:** Jerry, we've made that point to OMB  
21 as late as just this last Tuesday.

22 **MR. ENSMINGER:** And I'm not blaming you guys.  
23 I'm not --

24 **MR. FLOHR:** We are making this point. We are  
25 trying to get it to them, but understand, the people

1 are in need. I said if you wait another year to get  
2 this done more people are going to end up being  
3 terminally ill and dying.

4 **MR. ENSMINGER:** Yeah.

5 **MR. FLOHR:** I made that point.

6 **MR. ENSMINGER:** Well, not only -- maybe not  
7 dying, 'cause they're getting treatment, but they're  
8 living in their Buick.

9 **MR. FLOHR:** Well, people will -- you know.

10 **MS. FRESHWATER:** No, they'll die waiting, and  
11 they'll die not knowing their families are going to  
12 be taken care of.

13 **MR. FLOHR:** Right. And that -- we brought that  
14 up to them, trying to impress that that -- this is  
15 an important thing they need to get back.

16 **DR. ERICKSON:** We brought a lot of information  
17 from the CAP, from ATSDR, from other sources to bear  
18 in building what we think is a very strong case.  
19 And the indications are that we're going to get this  
20 rule. Again, it's that final -- exactly how does  
21 the rule read, because you know, we've got other  
22 cooks in the kitchen at this point, and they have  
23 expertise as it relates to writing rules and  
24 regulations, and it's -- so the science piece, I'll  
25 tell you, is looking really good, but it sounds like

1 Dr. Breyse's going to hit a homerun here with his  
2 phone call that they're going to have.

3 **MR. ENSMINGER:** But, you know, I know who Shaun  
4 Donovan is, and I know he's the director of OMB, but  
5 who else over there is digging their heels out? And  
6 no, it's not Mr. Donovan, okay? There's somebody --  
7 his underlings. Who are they?

8 **DR. ERICKSON:** Yeah, I don't think it's an  
9 issue of people digging their heels in. They have  
10 very specific jobs that involve reviewing all --

11 **MR. ENSMINGER:** Why don't you want to tell me  
12 who these people are? I'll find out.

13 **DR. ERICKSON:** Okay, okay. I just -- you know,  
14 it's -- I guess I would rather you be left with some  
15 encouragement from what Brad has just conveyed  
16 rather than, you know, putting the war paint on,  
17 because we --

18 **MS. FRESHWATER:** But we have to go back to the  
19 community --

20 **DR. ERICKSON:** -- really are -- we are --

21 **MS. FRESHWATER:** -- with, with -- they're  
22 not -- they are tired of hearing our encouragement.  
23 I mean, we don't have war paint on. We have to go  
24 back and represent a community that is in deep, deep  
25 pain, and they don't understand what we're all doing

1 here.

2 **DR. ERICKSON:** I understand.

3 **MR. PARTAIN:** And Dr. Erickson, one thing to  
4 tag onto this. I know I've brought this up before,  
5 and I know the answer that Brad has provided  
6 concerning the commencement of the date. There are  
7 several, you know -- I don't know the number, but  
8 there are many veterans out there that are in a  
9 situation where they've had a claim put in,  
10 sometimes for years, for the conditions that are  
11 going to be covered. I'll give an example  
12 specifically. Last year Don Murphy died in July of  
13 2015 of kidney cancer, okay? His claim was denied,  
14 denied, denied, and it's currently on a hold until  
15 the regulations are finalized. His widow is trying  
16 to make ends meet, get through life, what have you,  
17 and stuff like that, but my understanding is that  
18 once the regs are approved and everything begins,  
19 everything begins at that day and point in time,  
20 that there's nothing retroactively awarded. Has  
21 that been discussed? Has that been addressed as far  
22 as these veterans that have been in a holding  
23 pattern now?

24 **MR. FLOHR:** I'm sorry, Mike, what was your  
25 question again now?

1           **MR. PARTAIN:** Okay, we've discussed this  
2 before. Veterans that have a claim for these nine  
3 conditions that have been in the hopper, sometimes  
4 for years now, Don Murphy, I think he's been  
5 2012-2013. He's since passed away.

6           **MR. FLOHR:** Yeah.

7           **MR. PARTAIN:** Now, the question is, once the  
8 regulations are implemented and they begin the  
9 presumptive service connection, has there been  
10 discussion to grant that retroactively back to the  
11 veteran from the date they filed the claim? 'Cause  
12 I know in the past you have said that the award  
13 would only begin the date that the regulations are  
14 in the Federal Registry.

15           **MR. FLOHR:** Actually by federal law the  
16 regulations will only be effective 30 days after  
17 they're posted -- published.

18           **MR. PARTAIN:** So there's no retroactive?

19           **MR. FLOHR:** There's no retroactive.

20           **MR. UNTERBERG:** And Brad, it sounds like -- I  
21 mean, you guys are butting heads with the OMB, and  
22 that's what it sounds like.

23           **MR. FLOHR:** Little bit.

24           **MR. UNTERBERG:** And so, I mean, when you said  
25 your attorneys would not let you use those

1           presumptions, you know, in helping make your  
2           decision, I mean, we make analysis all the times,  
3           kind of a risk-based analysis. If you can't get the  
4           OMB to move, maybe the VA just takes a little bit of  
5           risk on their interpretation, or takes a more  
6           aggressive interpretation, and you press your  
7           lawyers to find a solution instead of saying no.

8           **MR. FLOHR:** That was part of my idea, and it  
9           got through certain number of layers of concurrence  
10          until it got stopped at one point. We have about  
11          920 claims that are staid right now for one of the  
12          presumptive conditions that will be presumptive.  
13          Louisville wants to work them. We want them to work  
14          them. We want to grant these claims right now. And  
15          that was my idea and what I'm trying to do. But I  
16          can only go so far as where people I report to just  
17          say no, we can't do this.

18          **MR. UNTERBERG:** What is the risk to the VA?

19          **MR. FLOHR:** Well, the risk is that it's  
20          contrary to law and statutes, per our attorneys.

21          **MR. UNTERBERG:** And that risk results in what?

22          **MR. FLOHR:** That results in improper payment of  
23          benefits.

24          **MR. UNTERBERG:** But if you're ultimately going  
25          to approve this, then the damage would be pretty

1 much you wouldn't have damages because you would've  
2 paid --

3 **MR. FLOHR:** Craig, I can't talk to you anymore  
4 about this than what I just told you.

5 **MR. UNTERBERG:** Yeah. I would love to talk to  
6 your attorneys, but then I'm going to get like an  
7 answer from Melissa, that you can't give the names  
8 of the attorneys.

9 **MR. FLOHR:** No.

10 **MR. UNTERBERG:** It seems like maybe we can help  
11 you guys come up with creative ideas, and that's  
12 what we do in the private sector, and working  
13 together with the public sector could we help find a  
14 creative solution?

15 **MR. FLOHR:** If you have a creative idea you can  
16 send it to me but I don't think we have any more  
17 creative than what I come up with.

18 **DR. BREYSSE:** Okay. So is there anymore on the  
19 update?

20 **MS. FRESHWATER:** I would like to know what we  
21 can do, just before we leave this, what can we do,  
22 then, to help, if we can't get the attorneys' names  
23 and we can't get the names of the people that are  
24 holding it up, what can we do as a community to put  
25 pressure? Politically, is there anything we can do?



1           **MR. PARTAIN:** And Brad, can we have the name of  
2 the person who shot down your idea?

3           **MR. FLOHR:** That's --

4           **MR. PARTAIN:** I mean, roadblocks can be  
5 overcome.

6           **MR. FLOHR:** Yeah. No. He's not even -- no  
7 longer in our organization at the moment.

8           **MR. PARTAIN:** Then refloat the idea.

9           **MR. FLOHR:** I have, Mike, but still...

10          **MR. HODORE:** Mr. Flohr, I was told on yesterday  
11 by Congressman David Scott that in Louisville has  
12 been overwhelmed by claims, and they've brokered  
13 those claims back out to the regional office.  
14 They're no longer in Louisville. Is that a true  
15 statement?

16          **MR. FLOHR:** I am not aware of that.

17          **MR. HODORE:** Well, I was just told by David  
18 Scott, Congressman David Scott office on yesterday.  
19 That's what response to him was.

20          **MR. FLOHR:** Again, I have not heard of that.  
21 You know, we have a new -- you know, right now we're  
22 a hundred percent fully electronic in claims  
23 processing. Something I never thought I'd see in my  
24 lifetime, let alone in my career. All of our work  
25 is done electronically, and we have established what

1 we call a national work queue, which allows us, when  
2 one office becomes overburdened with claims and  
3 another office may have some ability to take on some  
4 more work, we can electronically send claims to  
5 those other offices. We don't have to send claims  
6 files anymore, mail them out to them. We send them  
7 an email; we send it electronically. We give them a  
8 claim number, they go into our systems, and they  
9 would process the claims. And that's going to be a  
10 big benefit down the road, but I believe -- I'm  
11 pretty sure that Camp Lejeune claims were excluded  
12 from that, the same as radiation claims were  
13 excluded; they're done in Jackson, Mississippi. I  
14 will check on that but I have not heard that. I  
15 would be surprised.

16 **DR. BREYSSE:** Okay, so we're right at the lunch  
17 break. Is there any other VA updates we need to  
18 touch on? Okay. So why don't we take a break 'til  
19 one o'clock, and we'll come back at one o'clock and  
20 continue.

21 **MR. PARTAIN:** Dr. Breysse, one thing, when we  
22 do come back, since we have the -- I do want to  
23 spend some time talking about the SME reviews and  
24 programs.

25 **DR. BREYSSE:** Well, if you want to do that why

1 don't we do that now then before we break?

2 **MR. PARTAIN:** Well, after we break.

3 [Lunch break, 12:00 till 1:00 p.m.]

4 **DR. BREYSSE:** Okay, we'd like to spend a few  
5 minutes before we go on to the public health  
6 assessment updates, just to wrap up the VA  
7 discussions a little bit. And there will be some  
8 questions about the SME process once we get our CAP  
9 members in here. So Kevin, before we get started,  
10 everybody introduced themselves this morning. Do  
11 you want to introduce yourself?

12 **DR. CANTOR:** Yeah, this is Ken Cantor on the  
13 telephone.

14 **MR. WILKINS:** This is Kevin Wilkins, CAP  
15 member.

16 **DR. BREYSSE:** All right, so well, why don't we  
17 reconvene, and we're going to wrap up the discussion  
18 on the VA updates. There are some questions about  
19 the SME process for deciding compensation. So Mike,  
20 would you like...

21 **MR. PARTAIN:** Well, I know we deferred some of  
22 it to the discussion with -- what's your name again?  
23 I'm sorry.

24 **DR. DINESMAN:** Dr. Dinesman.

25 **MR. PARTAIN:** Dr. Dinesman. But going back to

1 the point where I was talking this morning, what  
2 would it take to get the references used to make a  
3 decision at an SME review printed in the denial for  
4 the veteran?

5 **DR. DINESMAN:** Thank you for the question. Let  
6 me give a little background, I think, that will  
7 answer that real quickly. And that is that you've  
8 got to remember that, if this was a clear-cut,  
9 black-and-white issue none of us would be here, so  
10 it is a very complicated process. We know that  
11 we're looking at occupational studies,  
12 environmental, you know, and try to correlate them.  
13 As Dr. Blossom said, you know, there's no  
14 biomarkers, there's variability in humans, there's  
15 dose dependencies. You know, we can say that, while  
16 you had a toxicant in one location, it was at, you  
17 know, this dose or that dose. We have people that  
18 can be exposed to a carcinogen and not know, a  
19 cancer. We can have people who develop cancers who  
20 were not exposed to known carcinogens. And so it  
21 gets very complicated, as we all know.

22 What the SMEs do is look at the information  
23 that is out there, and they don't answer the  
24 yes-or-no question. That is the rater, all right.  
25 So as I'll go back and state, it's up to the rater

1 to make that yes-or-no decision of whether it is  
2 considered service-corrected or not.

3 The SME is posting answer, and there are rules.  
4 We know that the VA is a rule-based program, or  
5 process; there are rules. And what the clinician is  
6 supposed to answer is a statistical answer. It's  
7 not a yes-no. And the statistical answer is whether  
8 or not, in this case, you can state that it's at  
9 least a 50/50 probability or ^.

10 Now, if you think about it logically, let's say  
11 that we have two -- three cancers from Camp Lejeune,  
12 and two of them we know occurred, you know, because,  
13 you know, everybody in their family's had this,  
14 whatever. And so we now have this one additional  
15 cancer. We can go back and argue back and forth, go  
16 look at this article, go look at this article, it  
17 says this and said this, but statistically speaking  
18 now, we've got an issue that says that only one out  
19 of three chance of this actually being related to  
20 Camp Lejeune, so it is less likely than not. Now,  
21 notice I did not say it is not due to, all right? I  
22 would be wrong in saying that. But statistically  
23 speaking, all right, we are saying that here is  
24 where this falls statistically.

25 Now, to go directly to your answer, sir, on a

1 single piece of information, I think Brad Flohr  
2 answered this very, very nicely, and I don't think  
3 he realized he answered it, all right? And that is,  
4 if you heard, he said that there was a case, at  
5 least one case that he knew of, where there was a  
6 well-defined and well-argued opinion by a specialist  
7 that gave some information, and the rater said yes,  
8 all right? So you've got to keep in mind that it's  
9 not a matter whether you tell the expert what they  
10 should say. I think it's wrong to tell an expert  
11 what opinion they should give when it's their  
12 opinion. I think that's -- there's some legal terms  
13 for it, of coercing the -- et cetera. But what  
14 should happen is, if you believe, and understandably  
15 so, that that is incorrect information, then that  
16 should be also submitted as part of the claim, so  
17 that when the adjudicator -- again, this is the  
18 judge and jury -- when they look at it they will  
19 have the information that says, here is why we think  
20 this is incorrect. Here is a presentation from our  
21 standpoint of why it is so, and they can look at the  
22 opposite. Because I've honestly seen cases, and not  
23 Camp Lejeune cases but others, where the clinician  
24 said no, as far as their opinion, and VBA granted.  
25 And so it's not the clinician necessarily that's

1 making the decision. They're providing VBA, the  
2 rater, with information that either supports or  
3 denies a claim.

4 **DR. BREYSSE:** Thank you very much for that  
5 background. Mike, I want to make sure I understand  
6 your question. So you want to know if, when a  
7 letter gets written denying a claim, that the  
8 literature basis for that denial, you want to know,  
9 can that be put in the letter? Is that what that --

10 **MR. PARTAIN:** That's what should be put in the  
11 letter.

12 **DR. BREYSSE:** And right now the letters will  
13 say the claim's denied because we don't think  
14 it's --

15 **MR. PARTAIN:** Well, the verbiage is *least*  
16 *likely than not*.

17 **DR. BREYSSE:** Okay.

18 **MR. PARTAIN:** And what's missing -- you know,  
19 they'll reference the NRC report time and time again  
20 in these denials, and even in the good doctor's --  
21 I'm sorry, I cannot get your name.

22 **DR. DINESMAN:** That's all right.

23 **MR. PARTAIN:** But, you know, he's discussing  
24 dose-related exposures. I mean, is the VA's  
25 position that, if you're exposed under a certain

1 level that there's no chance of cancer? And when I  
2 hear dose-related, that's going back to the NRC  
3 report again, because that -- they just -- they went  
4 all into that. And when you discuss these reports  
5 in these reviews, there have been, since the NRC  
6 report, and in these denials that we've looked at,  
7 there is no discussion about the EPA's  
8 classification of TCE as a human carcinogen due to  
9 kidney cancer, there's no discussion about IARC,  
10 there's no discussion about the IOM report that was  
11 written for the VA, specifically for Camp Lejeune,  
12 in which they discuss kidney diseases and that  
13 veterans should be given the benefit of the doubt.  
14 And we were seeing -- now, granted we're not seeing  
15 the denials because they're on hold, but up until  
16 they were placed on a hold last year, late last  
17 year, we were consistently seeing these denials and  
18 this literature not reviewed.

19 **MR. TEMPLETON:** Let me add, just real quick, a  
20 little nugget to that is that typically when a  
21 veteran receives a denial it does not have the VA  
22 notes in it that came from the SME. It doesn't --  
23 and in those VA notes is where it usually contains  
24 the references that the SME used to come up with  
25 their opinion. So I guess the question is, why



1           couldn't that be added to the denial letter?

2           **DR. DINESMAN:** That, you'll have to ask the VBA  
3           folks. We supply it to them, and they've got it  
4           after that. But I would like to kind of add just  
5           one thing to this. Science and medicine is a  
6           constant change. Let's look at eggs, low-fat diet.  
7           You know, we saw for many, many years people said be  
8           on a low-fat diet; it's heart-healthy, all right?  
9           And if you would've come out and said, I want you to  
10          sit down and eat the -- you know, a pound of bacon  
11          and some lard and some other good stuff, you'd say,  
12          you're trying to kill me, all right? But now we  
13          have people saying, well, you know, the research is  
14          showing that the low-fat diet's probably the worst  
15          thing you can do. And so we can turn around and  
16          say, well, you know, based on science now, maybe the  
17          people that said good things about the low-fat diet  
18          are trying to kill me.

19          **MS. FRESHWATER:** What is your point?

20          **DR. DINESMAN:** The point is science changes.

21          **MS. FRESHWATER:** All right, we all know that.

22          **DR. DINESMAN:** And so, and so -- so we can --  
23          you can argue whether the science is appropriate or  
24          not. If it is backed up by the literature you can  
25          use that as your evidence. So if you disagree with

1           that -- just like in a court case --

2           **DR. BREYSSE:** Just to kind of close this --

3           **DR. DINESMAN:** Yeah.

4           **DR. BREYSSE:** -- I think that what we're  
5           hearing, though, is that exactly what you said is  
6           not happening. The letters appear to be relying on  
7           old science, not on more recent science. So for  
8           example those IARC classifications, that are not.  
9           There's the NRC report, that predated that, is being  
10          cited. So in fact I think it's -- what I'm hearing  
11          is this concern that you're not keeping up with the  
12          science.

13          **MR. ENSMINGER:** And let me make one more point.  
14          I have a person sitting right over here, Norm  
15          Maclane, who was denied. Last January his decision  
16          was made -- dated, for kidney cancer. His initial  
17          denial read that -- written by the SME, that they  
18          had conducted a thorough evaluation of all the  
19          meta-analysis that had been done for the last two  
20          decades, and they could find no evidence that TCE  
21          causes any kind of cancer. When I saw that I said,  
22          what? This is a subject matter expert? Now, wait a  
23          minute. When I went to my senator with that denial,  
24          and they went back to the VA, the VA reissued him  
25          another denial with all that stupid language taken

1 out of it.

2 **MR. PARTAIN:** And while we appreciate your --

3 **MR. ENSMINGER:** I mean, wait, wait, wait, wait,  
4 wait, wait, wait. I'm not done yet. Whenever you  
5 have somebody that writes, for lack of a better  
6 term, bullshit like that, and you don't take any  
7 steps to correct it, then why would you even sit  
8 here and wonder why we doubt what you tell us? I  
9 mean, I'm serious.

10 **DR. DINESMAN:** Yeah, let me, let me answer that  
11 for you, and I think that -- so again, I think  
12 you're confusing the issue of a expert opinion and  
13 denial, okay? Again --

14 **MS. FRESHWATER:** How many of the denials went  
15 against the SME? How many times has an SME said,  
16 you know, deny this, and the final decision was no,  
17 we're going to grant it. I've asked that every  
18 time, and I can never get an answer.

19 **MR. ENSMINGER:** How many times has an SME been  
20 overruled?

21 **DR. DINESMAN:** I can't answer that question,  
22 but --

23 **MS. FRESHWATER:** Who can? Because nobody ever  
24 in this room can.

25 **DR. DINESMAN:** Well, and we just do -- let me

1 just answer it, because I think it's important. And  
2 that is that, again, if you think about this is a  
3 legal process, and you have somebody that is the  
4 judge and jury; this is the adjudicator. And then  
5 you have the expert. You can have more than one  
6 expert. You're not -- if you're in a court you're  
7 going to have two experts, and they're going to be  
8 arguing against each other, and you can't say which  
9 one is right and which one is wrong, because they're  
10 their own opinions. And they're going to base their  
11 opinions on the information that they feel is  
12 appropriate. So --

13 **MR. ENSMINGER:** But what my point is --

14 **DR. DINESMAN:** Wait, wait, wait.

15 **MR. ENSMINGER:** No, my point is, when you've  
16 got proof.

17 **DR. DINESMAN:** You've got proof.

18 **MR. ENSMINGER:** No. He wrote the denial. He  
19 wrote that language in that denial.

20 **DR. DINESMAN:** No. He wrote an opinion. He  
21 didn't write the denial.

22 **MR. ENSMINGER:** All right, well, when you got  
23 somebody that writes an opinion -- for God's sake,  
24 the EPA reclassified TCE in September of 2012 to a  
25 known carcinogen. IARC followed suit the following

1 year. The NTP followed suit. This person wrote  
2 that decision in January of 2015.

3 **DR. DINESMAN:** The trick is is not to say  
4 whether this is a carcinogen.

5 **MR. ENSMINGER:** But he's an expert. I'm asking  
6 you.

7 **DR. DINESMAN:** Well, but here's the thing --

8 **MR. ENSMINGER:** I mean, one of my Marines ever  
9 did something to embarrass me like that, they would  
10 never do it again because they wouldn't have been  
11 there.

12 **DR. DINESMAN:** The difference here is you're  
13 not saying yes or no. Again, the expert is saying  
14 statistically. And so we're not saying yes or no.  
15 And if you have a better argument, then supply it.

16 **MS. FRESHWATER:** So, so you expect a veteran to  
17 blindly challenge. You want to go in court, well  
18 give us discovery. Let us have the SME's name and  
19 everything that they used to make their case.  
20 Because what you're asking a veteran to do, who is  
21 sick and not very well financed, is to be able to  
22 challenge your secret SME, who we don't know how  
23 qualified they are --

24 **MR. ENSMINGER:** Who are even challenging their  
25 own --

1           **MS. FRESHWATER:** -- and they're supposed to go  
2 supply their own to challenge this. And then you're  
3 so flippant, and you're talking to us as if like  
4 we're five, ten years ago, like you -- have you been  
5 following the CAP at all? Like I mean, this is  
6 really, really upsetting because, I mean --

7           **MR. FLOHR:** Excuse me, as Dr. Breysse mentioned  
8 a little bit ago -- let me ask you a question first.  
9 Your issue is you want the SME opinion to be a part  
10 of the noticed decision for the veteran.

11           **MR. PARTAIN:** My issue is I want transparency,  
12 Brad.

13           **MR. FLOHR:** Is that what you want, the SME  
14 opinion to be part of the decision, but --

15           **MR. PARTAIN:** Yes.

16           **MR. FLOHR:** If they're not getting it now, how  
17 are you getting it when you bring it in to these  
18 meetings?

19           **MR. PARTAIN:** We're getting snippets that are  
20 being put in there, in these denials, that people  
21 come to us, and they're snippets. They're not  
22 complete decisions, okay, but we are getting in  
23 there where they're referencing the NRC report, like  
24 I read this morning.

25           **MR. FLOHR:** Okay, well --

1           **MR. PARTAIN:** And we've been bringing this up  
2 for --

3           **MR. FLOHR:** -- well, --

4           **MR. PARTAIN:** -- the past two years.

5           **MR. FLOHR:** -- and we'll talk about it, and  
6 we'll see if we can do that.

7           **MR. PARTAIN:** Okay. Well, and to finalize  
8 this, I mean, and the good doctor here, and I  
9 apologize for not getting your name down.

10          **MR. FLOHR:** Dinesman.

11          **MR. PARTAIN:** I've got to write it down. But I  
12 appreciate you being here, okay, and I hope you're  
13 here in the future, because a lot of what you're  
14 talking about has been discussed. Science is a body  
15 of evidence that grows and changes. Part of the  
16 problem we're having with the VA is that the  
17 decisions that your people are making don't reflect  
18 the current body of science.

19                 Now, the other thing too is, understand, and we  
20 were talking about the legal aspect of this, part of  
21 Dr. Walters' slide show that we got that last year  
22 said that the purpose of the SME is to create a  
23 legally defensible decision. The veterans do not  
24 have the legal resources to go and hire an  
25 independent expert of their own.

1                   **MS. FRESHWATER:** Right.

2                   **MR. PARTAIN:** There is one claim that I am  
3 work -- been working on where a veteran with bladder  
4 cancer went and paid an SME on his own, and was  
5 still denied, even though the SME -- their SME had  
6 the proof. I've seen SMEs challenge treating  
7 doctors, oncologists, and these SMEs are not  
8 Board-certified in their areas, and they're writing  
9 back to the oncologist that wrote that their cancer  
10 was connected to Camp Lejeune, saying, prove it.  
11 How is that fair? I mean, yeah, if you're going to  
12 go to court -- and I understand the role of experts  
13 'cause I use them when I'm defending cases -- but  
14 when you go to a court it's heard by a jury. These  
15 VA claims are not heard by a jury. If you've got an  
16 expert from the VA saying this is not, yeah, of  
17 course the decision-writing officer is going to say,  
18 oh, I agree with you, and deny that part of the  
19 claim. But the VA -- to equalize the battlefield,  
20 and the playing field, I should say, I mean, you  
21 have the VA creating this program where they're  
22 writing these -- or asking these independent medical  
23 experts, IMEs, or whatever you want to call them, to  
24 provide an opinion. But the veteran has no, no  
25 recourse, or very little recourse, other than hiring



1           their own IME. And if you're going to use them, be  
2           transparent. Put these decisions in writing, how  
3           they got to them, the literature that they got to.  
4           That's what I'm asking for, because at least the  
5           veteran can look at the literature, and say, oh,  
6           well, you forgot about the 2011 EPA TCE regulation.

7           **DR. BREYSSE:** I mean, that's something you guys  
8           can consider.

9           **DR. DINESMAN:** And if I could just real quickly  
10          say, I think you brought up some very good points.  
11          Number one, understand that the clinicians that are  
12          doing these subject matter expert opinions, by  
13          nature, as a clinician, it's in your mindset to try  
14          to help the patient, or the person. We can argue  
15          that --

16          **MR. ENSMINGER:** You can sit there and blow all  
17          that smoke you want. You can't prove that to me.

18          **DR. DINESMAN:** Okay. And, and so by nature,  
19          though, when somebody gets a negative -- an opinion  
20          they don't like, they're obviously going to have --

21          **MR. ENSMINGER:** No, I've seen too many of them.

22          **DR. DINESMAN:** So, we don't have -- we don't --

23          **MS. FRESHWATER:** So can you get me -- are you  
24          the person who can get me the amount of times that  
25          an SME recommends that, if there is a denial, or

1           however you want -- your language, and the person  
2           who makes the decision goes against what the SME  
3           says. I would like to know how often that happens.  
4           And I've asked at every meeting, and no one has ever  
5           told me.

6           **MR. FLOHR:** We don't have --

7           **DR. DINESMAN:** What I think would be more  
8           important --

9           **MS. FRESHWATER:** Somebody's got to have that.

10          **MR. FLOHR:** We don't have that.

11          **MS. FRESHWATER:** Who?

12          **AUDIENCE MEMBER:** You should have it.

13          Everything's --

14          **MR. FLOHR:** If somebody wanted to go through  
15          16,000 decisions that have been made, you can look  
16          at that but I don't know who's going to --

17          **MS. FRESHWATER:** But I'm asking for one. Find  
18          me one.

19          **MR. FLOHR:** I just told you one.

20          **MR. PARTAIN:** Well, but the one this morning --  
21          that's not a --

22          **DR. DINESMAN:** It's not a systematic  
23          assessment. They're anecdotally -- it's probably  
24          not.

25          **MR. PARTAIN:** The one that was provided this

1 morning is hearsay. I mean, there was nothing  
2 written on paper.

3 **MR. FLOHR:** But we can go over this claims  
4 process forever. The SMEs do not make decisions on  
5 claims; that's the adjudicator in Louisville.

6 **MR. PARTAIN:** We understand that.

7 **MR. FLOHR:** They review all the evidence.  
8 There has to be some positive evidence before we'll  
9 even request a medical opinion unless it's for one  
10 of the nine presumptions that we have --

11 **MR. PARTAIN:** And for two years, Brad, we have  
12 brought up case after case after case where it is  
13 blatantly apparent --

14 **MR. FLOHR:** The adjudicator reviews all the  
15 evidence, both positive and negative, decides the  
16 value of the evidence, the weight of the evidence,  
17 the legal-type process for evaluating evidence, they  
18 make the decision.

19 **MS. FRESHWATER:** So how -- what -- and can you  
20 explain to me how the benefit of the doubt is given  
21 to the veteran?

22 **MR. FLOHR:** Any time the -- when the  
23 adjudicator reviews the evidence and decides it's  
24 equal, the benefit of the doubt gets given to the,  
25 to the veteran.

1           **MR. ORRIS:** I'm having a hard time  
2 understanding here. We listened to Dr. Erickson and  
3 Mr. White talk about this wonderful family member  
4 SME program that's run through for the physicians.  
5 Why is there such a glaring difference between the  
6 SME program for family members, which evidently is  
7 designed to help the family member, and what we're  
8 seeing on the VBA side?

9           **MR. FLOHR:** There's no difference. It's part  
10 of the claims process. It's -- look, in order to  
11 get service connection there has to be something  
12 happened in service, either disability, an injury, a  
13 disease or an exposure, in this case. There has to  
14 be a current disability, and there has to be a  
15 medical nexus between the current disability and  
16 what happened in service. So when you're talking  
17 about environmental exposures, there is no clear-cut  
18 in most cases. You're relying on evidence review,  
19 scientific evidence, and their opinion.

20           **MR. ORRIS:** So why the difference between  
21 family members and veterans?

22           **MR. FLOHR:** It's just Congress enacted law  
23 providing healthcare for veterans, for healthcare.  
24 They have passed no such law for benefits.

25           **MR. TEMPLETON:** Can I just -- my question has

1 to go to the process is helping the veteran, like  
2 what we're talking about -- and Brad, feel free to  
3 chime in -- then why is the VBA remand rate on Camp  
4 Lejeune claims at one for every two? Fifty percent,  
5 that means that the court, or whoever is  
6 adjudicating this beyond VBA, is saying something's  
7 wrong here. It's saying that it's not working in  
8 50 percent of the cases. That's a failure. That's  
9 a huge failure.

10 **MR. FLOHR:** I can't talk about that, but I can  
11 tell you that the VBA remands a whole lot of cases.

12 **DR. DINESMAN:** Let me put a -- let me make a  
13 positive comment, because really there is a positive  
14 side to this, and I think we're focusing on the  
15 negative, all right? And that is, you know, if you  
16 look at it, and you say, you know, here we have a  
17 case that's denied; why was it denied? The fact  
18 that it's denied doesn't mean that it was wrong, and  
19 where we really have difficulties here is in  
20 proving, as I said, that a given person, there's no  
21 biomarkers, there's no other things, that you can  
22 say just one person is actually, you know, the one  
23 who got -- you know, had this as a result of their  
24 Camp Lejeune exposure. So you can't really say one  
25 hundred percent on either side, but that's the

1 beauty of what we're doing here with the -- and what  
2 has been done with the presumptives, is we're  
3 removing that burden by a policy decision. So what  
4 we're saying is we understand -- we, the VA,  
5 understand that this is confusing. We understand  
6 that you can take a stance on either side, all  
7 right, and we can sit and argue it 'til, you know,  
8 'til whenever. But the policy on the other hand is  
9 what's important, and the policy's saying we do  
10 understand this is an issue and this is how we're  
11 going to take care of it, and make sure that we give  
12 the veterans the care that they deserve.

13 **MR. ENSMINGER:** When the VA -- when the VA  
14 first started coming to our CAP meetings, Brad, you  
15 sat down and gave a lengthy explanation of the  
16 claims process. That explanation had nothing about  
17 any subject matter experts. Why were they created?

18 **MR. FLOHR:** After we started processing claims  
19 in Louisville from Camp Lejeune, we had a group of  
20 individuals from VHA and VBA that went there to  
21 review the decisions being made, to ensure that  
22 there was consistency in the decision-making, and it  
23 was noted by the people who went to do the review  
24 that there was no consistency. Therefore it was  
25 decided to create a group of occupational

1 environmental health specialists to be subject  
2 matter experts to provide good opinions. That was  
3 not --

4 **DR. BREYSSE:** This is all stuff we've been  
5 through before, and I'm not sure we're breaking any  
6 new ground here today, but Dr. Dinesman, I think  
7 it's great that you're here, and get to listen to  
8 the CAP members express their concerns about the  
9 transparency of the process. And I think that's  
10 something that maybe we look forward to you going  
11 back and thinking about how to improve it for the  
12 sake of the Marines.

13 **MS. FRESHWATER:** I just have one more very  
14 quick and specific question, I promise. What is  
15 your opinion on the SME being listed on each  
16 veteran's paperwork, so that they know who the SME  
17 is?

18 **DR. DINESMAN:** The same as the rater listing  
19 their names on -- I'm just not sure what value that  
20 would add. You know, this is -- we're not looking  
21 for character assassination. You can look at --

22 **MS. FRESHWATER:** Stop acting as though we don't  
23 know. We're not looking to character assassinate  
24 anybody; we're looking to --

25 **MR. ENSMINGER:** Vet them, to see what their

1 credentials are.

2 **MR. PARTAIN:** And speaking of which, I missed  
3 that --

4 **MS. FRESHWATER:** If they're such experts, if  
5 you are so confident in them, why don't you let them  
6 have them?

7 **MR. TEMPLETON:** They're required that you list  
8 them to people --

9 **MR. ENSMINGER:** Where else --

10 **MR. TEMPLETON:** -- and so that their  
11 credentials can be reviewed. It's required. It's  
12 by law.

13 **DR. DINESMAN:** So the law also states -- and  
14 this is a very interesting topic and is discussed in  
15 other realms besides the Camp Lejeune site, and I  
16 believe this issue is right now even being discussed  
17 in the federal circuit. But what we see is the  
18 rules that have been in place is that the VA, in  
19 vetting this person and doing their credentials,  
20 gives them that assurance that this person is  
21 credentialed and appropriate.

22 Now, we -- I'm not here to argue whether that's  
23 right or wrong. That's getting argued right now  
24 before the court system, and so that is an important  
25 component. Now, one other thing to remember,



1           though, is subject matter expert is not necessarily  
2           something that means somebody who is Board-certified  
3           in X or has a certain practice type, or whatever.  
4           If we were looking at somebody that you wanted all  
5           opinions to come from Board-certified, let's say  
6           occupational medicine clinicians, then that would be  
7           a different story. That -- you would be setting it.

8           I will tell you that the opinions that y'all  
9           have been seeing so far, the far, far majority, are  
10          oc-med. Now, that said, you have to understand that  
11          80 percent of oc-med components are taken care of by  
12          primary care, out in the private sector. There's a  
13          shortage of oc-med folks.

14          **MS. FRESHWATER:** We don't want oc-med. I'm not  
15          sure where you're getting that idea.

16          **DR. DINESMAN:** Well, again, so when we start  
17          talking subject matter expert, then how do you  
18          define that?

19          **MS. FRESHWATER:** Well, that's what we want to  
20          know: How do you define it?

21          **DR. DINESMAN:** Well, so I can tell you how we  
22          define it. We have folks that have either  
23          occupational medicine or environmental medicine  
24          training. They have experience in the occupational  
25          medicine side, or they've gone through course work,

1 and lord knows there's enough information out there  
2 for you to read and become familiar with the  
3 literature and the understanding, and they go  
4 through that course work and get appropriate  
5 training. And then on top of that there are monthly  
6 meetings, where we sit and discuss amongst those  
7 SMEs, new conditions, new literature, new  
8 information that is out there. Difficult cases,  
9 how -- you know, I can't find this in the  
10 literature. How do you -- you know, how would you  
11 look at this? Tell me where I can find information  
12 to --

13 **DR. BREYSSE:** All right, Lori, I think we need  
14 to move on.

15 **MS. FRESHWATER:** Okay.

16 **DR. BREYSSE:** Thank you, Dr. Dinesman.

17 **DR. DINESMAN:** Thank you.

18 **DR. BREYSSE:** So I'd like to now turn the floor  
19 over to Rick Gillig who's going to give us an update  
20 on the public health assessments.

21  
22 **UPDATES ON PUBLIC HEALTH ASSESSMENTS**

23 **MR. GILLIG:** Thank you. I've got two projects  
24 to update you on today, the drinking water public  
25 health assessment, as you know that was released for

1 public comment back in May. The comment period  
2 closed in July. We're in the process -- we've  
3 consolidated all the comments. We're in the process  
4 of making changes to the document and addressing  
5 those public comments. We expect to release the  
6 document, the final version of that health  
7 assessment, in December of this year. Any questions  
8 on that document?

9 If not, I'll talk about the soil vapor  
10 intrusion project. As you know, we've been in the  
11 process of pulling information out of documents we  
12 received from the Navy and the Marines. We expect  
13 to have all those data points pulled out by the end  
14 of September. At this point we've extracted about  
15 90 percent of the information from those documents.

16 We'll do a QA/QC process. We're doing a QA/QC  
17 process of the information we're pulling out. We're  
18 about 70 percent finished with that.

19 Since we're pulling so much information,  
20 putting it in the database, we need to clean up that  
21 database, just to make sure we're using standard  
22 chemical names, contaminant units, remove blank  
23 spaces, so forth so on. We expect to have that  
24 database cleaned up by -- hopefully by the end of  
25 October.

1           Once we clean up that database, we can begin  
2           our analysis. As you know, we're going to go on a  
3           building-by-building basis, to see what the  
4           contaminant levels are, to see what the levels of  
5           contaminants may have been a result of soil vapor  
6           intrusion. Again, we'll start that as soon as we  
7           clean up the database.

8           We are targeting fall of 2017 to have that  
9           public health assessment up for peer review. Just  
10          as we did with the drinking water document, we'll  
11          provide a copy to the CAP. We expect to release it  
12          for public comment in spring of 2018, and then final  
13          version of that, December of 2018. Any questions or  
14          additional comments?

15          **DR. BREYSSE:** All right, can we move on then to  
16          the updates on the health studies?

17  
18          **UPDATES ON HEALTH STUDIES**

19          **MS. RUCKART:** Okay. I just wanted to give some  
20          quick updates on our health studies. For the health  
21          survey we're currently responding to peer reviewer  
22          comments and revising the report. The next step is  
23          to submit for agency clearance, and our plans are to  
24          publish that as an Agency document. With our  
25          previous studies, we submitted them to journals, and

1           so then there's an additional time to publication,  
2           but in this case, since we want to do it as an  
3           Agency report, once it receives final clearance and  
4           approval we can publish that.  However, we want to  
5           do a separate publication on the analysis of Marines  
6           that will be prepared and submitted to a journal,  
7           but that's separate from the report that will be  
8           published when it's available.

9           As far as the cancer incidence study, our  
10          internal staff are continuing to contact and submit  
11          forms to obtain approvals from the 55 cancer  
12          registries.  That includes the states, the federal  
13          and the territorial registries.  Contact has been  
14          made with about 48 of the registries.  The required  
15          forms have been obtained from 44, and applications  
16          submitted to 29 registries.  And to-date we've  
17          received approval five of the registries, so this is  
18          on track of our timeline.

19          **DR. ERICKSON:**  Quick question, Perri.  The VA  
20          central registry, you've got that included as well?

21          **MS. RUCKART:**  We've begun interactions with  
22          them to get the approval of the --

23          **DR. ERICKSON:**  With Mike Kelley?

24          **MS. RUCKART:**  Yeah.  I mean, it's a long  
25          process --

1           **DR. ERICKSON:** Right.

2           **MS. RUCKART:** -- to get the VA approval, so  
3 they're not one of the five approved, but we've  
4 begun that process.

5           **DR. ERICKSON:** I just encourage you. Yeah,  
6 don't leave that out.

7           **MS. RUCKART:** Oh, yeah. No, no, no, they're  
8 included, yeah. And the DoD ACTUR.

9           **MR. WHITE:** I had one question. These  
10 registries, so are there names, addresses, stuff  
11 like that associated with those?

12           **MS. RUCKART:** So we -- at this point we're just  
13 in the stages of getting their approval. And since  
14 we're working with 55 registries that takes some  
15 time. We want to obtain the data for the same time  
16 period for all the registries. So even if we're  
17 getting approvals now, the registries are being told  
18 we don't actually want to obtain the data until  
19 2018, when the data is complete and available  
20 through 2016. So we haven't provided them with any  
21 identifying information yet. We're just, you know,  
22 getting approvals to do that later. When that  
23 happens we'll be providing them with the data that  
24 they need to identify, to match with the records in  
25 their cancer registries, which would include name,

1 Social Security Number, date of birth, sex, any  
2 address information that we have, and, you know,  
3 anything else that would be useful to them.

4 **MR. WHITE:** I'm just wondering if I might be  
5 able to use that for outreach purposes.

6 **MS. RUCKART:** You know, I -- so the data that  
7 we're using is the DMDC data, which, I believe, you  
8 also have access to. Now, since then we were able  
9 to get addresses as part of the health survey. And  
10 so those are addresses as of 2011 and 2012, so it's  
11 several years old. And I think that at the time  
12 that we were doing the health survey the Marine  
13 Corps had wondered if we could share it with them,  
14 and I'd have to go back and check, 'cause it's been  
15 several years, but I think there were some, you  
16 know, issues around that, but I'd have to revisit  
17 that, and see.

18 **MR. WHITE:** Okay. Thanks.

19 **DR. JIMMY STEPHENS:** So on the ToxFAQs -- first  
20 I just want to thank Tim for all your great comments  
21 on the ToxFAQs. We got, I don't know, about 12 or  
22 13 comments, I think, at least, which is very  
23 helpful in terms of us helping to make the ToxFAQs  
24 more relevant for the community members that are --  
25 need this information. We've, I think, addressed

1 everything except our one -- the one big obvious  
2 to-do on that is, as we get the epi -- the cancer  
3 epi document through clearance, we'll be going back  
4 and looking back and making sure that these are all  
5 consistent and we're using the same kind of language  
6 in terms of describing the, the evidence around the  
7 various cancer end points.

8 **MR. TEMPLETON:** Great, thank you.

9 **DR. BREYSSE:** Great. So we're gradually  
10 catching up. We're still a little bit behind. We  
11 now have half an hour that's primarily for community  
12 concerns and for CAP updates. And so we're going to  
13 open the floor, and I want to make sure that, if we  
14 can at least begin with CAP updates that are new  
15 things that we haven't already talked about already.  
16 So if there's new issues, now would be a time to  
17 bring them up, rather than spending time going over  
18 things we've already gone over. And I want to make  
19 sure that the community members have a chance to  
20 come up and ask a question and make a comment as  
21 well.

22  
23 **CAP UPDATES AND COMMUNITY CONCERNS**

24 **MR. TEMPLETON:** Just a quick -- I have one. I  
25 reached out to the Department of Labor, to inquire



1 from them, via FOIA, as to whether they had any Camp  
2 Lejeune claims, whether they disbursed any of those  
3 claims, and whether they have a program to deal with  
4 any of the folks that happened to work at Camp  
5 Lejeune or civilian workers that were there.

6 And I have the letter, and I would like to add  
7 it to the record. I got it back from the Department  
8 of Labor. They said, no, they don't have a program.  
9 No, they have not received any claims. And no they  
10 have not disbursed any funds or given any kinds of  
11 services. So they struck out. But I would like  
12 that to be added because we had the dialogue. I  
13 know this is kind of -- but anyway, I wanted to add  
14 that record to the -- or add that document to the  
15 record.

16 **MS. RUCKART:** What do you mean add it to the  
17 record, because it can't be in the transcript unless  
18 it was like read now.

19 **DR. BREYSSE:** Well, the minutes -- the meeting  
20 will show that the letter was -- we'll have a copy  
21 of it.

22 **MS. RUCKART:** Yeah.

23 **MR. TEMPLETON:** Right. And you'll have the  
24 copy of that.

25 **MR. ORRIS:** Chris. Thank you, Dr. Breyse, for

1           deferring the in utero discussion earlier this  
2           morning until I was back in the room, but I don't  
3           think we have actually visited that, so if we could  
4           go over that real quick, I would appreciate it.

5           **DR. BREYSSE:** Oh, my gosh.

6           **MS. CORAZZA:** Actually, I don't know whether --  
7           what can be done.

8           **MS. RUCKART:** But didn't we discuss that when  
9           Frank was mentioning about the people he contacted  
10          as part of the health survey and how many of them we  
11          were able to get addresses on?

12          **DR. BREYSSE:** I think this was one of the  
13          action items. So I guess we revisited it already.

14          **MR. ORRIS:** So was the answer no?

15          **DR. BREYSSE:** Let's read the action item again  
16          because I don't know if it was a yes or a no.

17          **MS. RUCKART:** ATSDR will re-evaluate if any  
18          studies can be done on the in utero population at  
19          Camp Lejeune.

20          **DR. BOVE:** And as I said, we tried to do that  
21          with the survey, and it didn't pan out. We could  
22          ask the registries, if we just gave -- see,  
23          that's -- no matter how I look at this I don't see  
24          that it's feasible because if we just have name,  
25          date of birth and sex, and we know the name's going

1 to change for some people, and we know that it was  
2 even difficult for some of these registries when  
3 they did a match, a pilot match, for us when we had  
4 Social Security Number, to adjudicate between a  
5 number of possible matches, even with Social  
6 Security Number. But I really don't think it's  
7 feasible to evaluate this population in any way I  
8 can see. We tried.

9 We have looked at neural tube defects, oral  
10 clefts, we looked at birth weight, and we tried to  
11 do it in the survey, but in order to really evaluate  
12 a population like this you would want to have a  
13 registry, a disease registry, for example, that you  
14 could follow, and there was none in place at Lejeune  
15 at the time to look at birth defects. And the  
16 population, it's very difficult to enumerate. I  
17 mean, we had to -- we had these birth certificates  
18 to identify. We had to use word-of-mouth for the  
19 birth defect study. And so I just don't think it's  
20 a -- a credible study could be done with this  
21 population, given the information we have on it.

22 **MS. RUCKART:** Let me really answer what we did  
23 do though. For the health survey, we did send the  
24 health survey to those people who we could get  
25 addresses from, and we had about a 15 percent

1 response rate where people, you know, participated.  
2 And an analysis -- just a descriptive analysis of  
3 what they reported will be included when we release  
4 the health survey report, because, as I think Frank  
5 said, we have nobody to compare them to, because,  
6 for the Camp Lejeune Marines and civilian workers,  
7 we have the comparison population from Pendleton,  
8 and there's just really no way to get dependents  
9 from Pendleton, but...

10 So we are doing more than just the birth defect  
11 study; we are reporting on what they said in the  
12 health survey, so, you know, we did try to include  
13 them, to the extent that we could, in the health  
14 survey. And as part of the health survey we did get  
15 confirmed cancers.

16 **DR. BOVE:** But again, we had less than  
17 15 percent participation.

18 **DR. BREYSSE:** Before you jump back in again,  
19 you know, we appreciate the value in being able to  
20 do a study like that. We know how important it  
21 could be. But these are just notoriously difficult,  
22 slash, unfeasible studies to do. And there's a  
23 reason why there's not many of them in the published  
24 literature; 'cause it's hard to look back after many  
25 years to identify people who were born with birth

1 defects from a long time ago, when the literature  
2 that we do have comes from studying exposures that  
3 happen now and identifying cohorts of people as  
4 they're being born.

5 And that's really the most feasible way to do  
6 these studies. They're almost impossible to look  
7 back that far and identify these people, identify  
8 what birth defects they had, and then compare them  
9 to a group of people who didn't have that exposure.

10 I appreciate, you know, the value that such a  
11 study would have for you in the community, but it's  
12 just truly something that I don't think we can do.

13 **MR. ORRIS:** So thank you for that. I just --  
14 Frank, I've got a lot of experience with skip  
15 tracing. Skip tracing technology has rapidly  
16 changed over the last decade, and I don't -- I'm not  
17 sure, when you talk about difficulties of skip  
18 tracing, people who were born at Camp Lejeune over a  
19 10-year period of time, that that is potentially as  
20 difficult today as it might have been when you were  
21 doing the initial epidemiological studies that you  
22 did.

23 **DR. BOVE:** Well, the survey tracing was done in  
24 2011, okay, with a firm that is expert in tracing.  
25 The problem was, as I said before, that over

1           40 percent, close to 50 percent, we could not  
2           locate. The advanced tracing methods that are  
3           available ^. You know, I would like to -- I'd like  
4           to do the study, okay? I mean, but if I say there  
5           can't be a study done, believe me, there can't be a  
6           study done, because I will try to get a study done  
7           if it's at all possible. If I think it could be  
8           credible at all, I'll pursue it. And I'm willing to  
9           listen to another epidemiologist who can explain to  
10          me how this can be done, okay? I'm open to that,  
11          you know. I just don't see it.

12           **MR. PARTAIN:** Frank, how about a low-cost --

13           **DR. BOVE:** ^ you're getting two or three  
14          epidemiologists ^. I'd like to hear from other  
15          epidemiologists. I'll discuss it with anyone you  
16          want me to discuss it with.

17           **MR. PARTAIN:** Frank, here's a low-tech,  
18          low-budget idea. We know -- put out a public  
19          service announcement that we are looking for  
20          children born at Camp Lejeune between a certain  
21          period of time. You know what the number is that  
22          are out there, and if we can locate, through social  
23          networking, using us and using the media, and have  
24          them call into a place or email to a place, and if  
25          you reach that member you can do the study, do the

1 study. It's low-tech, you can put a web page up,  
2 and put in there: Email your information here.

3 **DR. BOVE:** The issue would be doing a credible  
4 study, because if you do a crappy study, that will  
5 have no impact whatsoever.

6 **MR. PARTAIN:** Well, Frank, if there's -- I'll  
7 use numbers. If you've got 12,000 babies born on  
8 Lejeune --

9 **DR. BOVE:** But we couldn't get it through a  
10 locating firm.

11 **MR. PARTAIN:** Well, just, just listen, Frank,  
12 for -- Frank, I want -- I don't want to spend a lot  
13 of time on this but... Say there's 12,000 children  
14 out there. You know that there's 12,000 births, and  
15 you need 10,000 to do a study. And we social  
16 network, and we find 10,000 that come in --

17 **MS. FRESHWATER:** But each one has to be vetted,  
18 right?

19 **MR. PARTAIN:** But the thing is you can --

20 **MS. RUCKART:** Let's say you had 10,000, but  
21 when you're looking at different conditions, if you  
22 get down to specific conditions, the numbers get  
23 very, very small. So let's say you want to look at  
24 a particular outcome, some kind of liver disease or  
25 something, out of --

1           **MR. PARTAIN:** But that's not the issue Frank's  
2 talking about. Frank's saying we can't find the  
3 people. I'm saying if we can find the people and we  
4 could do it low-budget, and at least try. I mean,  
5 science --

6           **DR. BREYSSE:** People have tried for years, and  
7 the social networking that you're suggesting would  
8 produce some names, but there's going to be a huge  
9 potential bias that we can't quantify based on who  
10 identifies themselves and who doesn't, so you have to  
11 be systematic about how you do it, and you can't  
12 just rely on people hearing about it and self --  
13 identifying themselves. And then -- but I don't  
14 think he meant to say crappy study, but ^ because of  
15 the bias it can't be quantified, it wouldn't be  
16 credible. And we wouldn't do anybody a service if  
17 we published a study that was so flawed that, if it  
18 saw something positive, it would be meaningless. If  
19 it saw something negative it would be meaningless.

20           And we thought this through, and not just us.  
21 People across the country are trying to answer these  
22 questions. Every day there's a new chemical that  
23 comes out that's got reproductive outcome issues  
24 associated with it. And if it was easy to identify  
25 people a long time ago or born who may be exposed,



1 we would see thousands of studies, and we're not  
2 seeing them. And we're not answering those  
3 questions. And I'm sorry, we're environmental  
4 health scientists, and we can't, you know, give you  
5 a more satisfying answer, and I wish we could, but I  
6 think that's just the fact.

7 **MS. FRESHWATER:** Are we moving on? Because I  
8 wanted to do something real quick with the CAP  
9 concerns.

10 **MR. ORRIS:** I have one more question in regards  
11 to this, and just for clarification purposes,  
12 because I was able to identify my mom's form birth  
13 certificate and find it, you know. And on my mom's  
14 form birth certificate it lists my parents' address  
15 as Inchon Street in Tarawa Terrace. You know, if  
16 you're talking about qualifying for an  
17 epidemiological study there's something in my birth  
18 certificate that lists the parents' address at the  
19 time of birth, a qualifying condition, because if so  
20 I mean, I'm pretty sure that we could identify, you  
21 know, quite a few kids, based on that information.

22 **DR. BOVE:** That's how we did it in the birth  
23 defects study, using that information. Otherwise we  
24 couldn't have done that study. Yes, that  
25 information is useful during the study. If you

1 wanted to do something else with that, that's a  
2 problem.

3 **MR. ORRIS:** I want to do a health survey, kind  
4 of like what we did.

5 **DR. BOVE:** We just did that.

6 **MS. FRESHWATER:** I think at this point we need  
7 to give the scientists --

8 **DR. BREYSSE:** We have a half an hour before  
9 we're supposed to adjourn, and I want to make sure  
10 that the community members have a chance to  
11 question --

12 **MS. FRESHWATER:** Yeah, so I just wondered, is  
13 Dr. Cantor still on the phone?

14 **DR. CANTOR:** Yes, I am.

15 **MS. FRESHWATER:** Hi. We miss you. Dr. Cantor,  
16 I was wondering if you have any comments about  
17 Dr. Blossom's presentation, or questions, just  
18 because I know that you and I have spoken about this  
19 in the past, and I just wanted to make sure that you  
20 were brought in and given an opportunity to chime in  
21 on that or anything else?

22 **DR. CANTOR:** Yeah, well, thank you. I don't  
23 have many comments, but there does seem to be a  
24 parallel finding between the studies I reported, I  
25 think, was it two meetings ago, the studies that

1           were done and charted by my colleagues at the  
2           National Cancer Institute, that are finding similar  
3           prediagnostic results to what she was describing, so  
4           that's about all I have to say. And there is a  
5           close comparison between the two.

6           **MS. FRESHWATER:** Thank you. I appreciate it,  
7           and I appreciate all of the help that you gave us in  
8           trying to get Dr. Blossom here, and I just wanted to  
9           personally, again, thank you for coming. And I  
10          really feel like it was very informative to the  
11          community, and looking forward to getting the  
12          information out to them. Thank you, Dr. Cantor.

13          **DR. CANTOR:** Yeah, you're welcome.

14          **DR. BREYSSE:** So any questions from the  
15          community members who are here, or comments?

16          **MR. ENSMINGER:** Just make sure, I mean, don't  
17          attack anybody in the room, you know. Keep it  
18          civil. This is not a Trump rally.

19          **DR. BREYSSE:** And introduce yourself, please.

20          **MR. HIGHTOWER:** My name's Tony Hightower. This  
21          is for Mr. White. Mr. White, what is the VA  
22          actually doing over at the Atlanta VA to register  
23          Marine vets on the toxic water?

24          **MR. WHITE:** Your question is basically what  
25          kind of outreach are we doing?

1           **MR. HIGHTOWER:** Yeah, what kind of outreach  
2 is -- example the CBOCs and the VA itself is  
3 outreaching to the Marine veterans to get them  
4 registered up under the toxic water act of Camp  
5 Lejeune?

6           **MR. WHITE:** Well, thank you for your question,  
7 sir. We have worked closely with the Marines, and  
8 we paid for different mailings to go out. They sent  
9 out letters to hundreds of thousands of veterans  
10 that they have on their registry. And then they've  
11 also -- I've got the specifics, if you want to get  
12 with me afterward, but they have advertisements in  
13 like USA Today and some other national publications.

14           **MR. HIGHTOWER:** Well, what are they doing at  
15 the VA hospitals and the CBOCs to reaching out to  
16 vets since they're no longer the majority of the  
17 Marine vets are going to the VA for healthcare?

18           **MR. WHITE:** Well, when a veteran comes in to  
19 sign up for eligibility, and I wish my health  
20 eligibility folks were here 'cause they could really  
21 answer this question in more detail, but when a  
22 veteran signs up for care they're asked certain  
23 questions, and there's a form to fill out. On that  
24 form there's a box that they can check saying were  
25 they at Camp Lejeune, and if they were they're

1 immediately enrolled. So there's no -- there's no  
2 specific outreach, as far as, you know, any  
3 particular CBOC or VA medical center, but we have  
4 given training to the eligibility intake people,  
5 specifically for Camp Lejeune and how they're  
6 supposed to be registered.

7 **MR. HIGHTOWER:** And where has this training  
8 been taking place? Is it for the Atlanta or Macon  
9 or the CBOCs or --

10 **MR. WHITE:** It's for the national. So it's  
11 basically it was an online training.

12 **MR. HIGHTOWER:** Online training?

13 **MR. WHITE:** Yes, sir.

14 **MR. HIGHTOWER:** 'Cause I've spent a lot of time  
15 with eligibility and informing them of the proper  
16 procedures of getting Marines registered, and  
17 throughout the hospital and the CBOCs there's no  
18 posters. There's no literature throughout the  
19 hospital to encourage a Marine to register.

20 **MR. WHITE:** Well --

21 **MR. HIGHTOWER:** And I thought this was  
22 something that was supposed to have been settled a  
23 couple years ago, about notification within the  
24 system.

25 **MR. ENSMINGER:** Yeah, there's a good idea,

1           because you were asking how you could get the word  
2           out, especially to the family members and stuff. If  
3           you put more information out at these VA hospitals,  
4           the veterans, they see that about their family  
5           members, they're going to let their kids know. So I  
6           mean, and I've heard this complaint time and time  
7           again by veterans at all these -- all over the  
8           country, that are going to these VA health centers  
9           and clinics, and they never see anything about Camp  
10          Lejeune. It's not visible. I mean, it's like, you  
11          know, somebody's trying to, you know, hide it or,  
12          you know, keep it out of --

13                 **MR. WHITE:** I mean, that's a great idea.  
14                 That's something I can take away from this meeting  
15                 and find out what it would take to, you know, get  
16                 some posters up? You know, where would they go?  
17                 Who I would need to contact.

18                 **MR. HIGHTOWER:** And especially with the VA  
19                 system, with the new program of the ambassador and  
20                 information officers that are throughout the  
21                 hospital assisting vets getting to their  
22                 appointments and information on a variety of things,  
23                 'cause that's exactly what I do. I physically  
24                 escort Marines to eligibility and get them to  
25                 register. And then they come back and say, well, I

1           didn't get no information. I said, you didn't go to  
2           booth 6 or 7, 'cause that's the only two people that  
3           has the program that goes on the registry.

4           Since then in the last few weeks finally got it  
5           on all the computers. But still there's a lot of  
6           people that's walking in, going to appointments,  
7           walking out, no literature, no posters, no  
8           notification. You know, we need for you to register  
9           for results and surveys and everything else. I  
10          don't even know if a survey has been handed out in  
11          eligibility.

12          **DR. ERICKSON:** Mr. Hightower, I want to say,  
13          first of all, thank you for serving as an ambassador  
14          at the medical center. That's a tremendous service,  
15          and I've been to a number of medical centers, and,  
16          you know, that, that is something that is just  
17          incredible in terms of -- you know, the staff  
18          appreciate your work, the veterans appreciate your  
19          work. You make so many things, you know, function  
20          that otherwise wouldn't.

21          But I may just also echo what my ^ here had to  
22          say. We'll take this as a due-out because we do  
23          want to have better outreach, not just multimedia  
24          outreach and mailings and such. But if the battle  
25          now needs to be fought at the CBOC level more

1 effectively or at the medical center level, then we  
2 have some means that we'll discuss, that we can put  
3 that into effect. I appreciate you bringing that  
4 forward.

5 **MR. HIGHTOWER:** I found it to be interesting.

6 **DR. BREYSSE:** Thank you. Any other community  
7 comments?

8 **MS. FRESHWATER:** I was --

9 **MS. KENDRICKS:** I have one.

10 **MS. FRESHWATER:** Let me -- just to finish up on  
11 what you're saying, I've been involved with on-the-  
12 ground VA work through personal life, and I first  
13 wanted to say everybody has been wonderful that we  
14 worked with at the VA centers, including a social  
15 worker who held the door for an appointment because  
16 we were caught in traffic. So I certainly always  
17 want to point out how many good people are at the  
18 VA, and we appreciate that.

19 But it just made me think of what you've been  
20 saying, and Brady, maybe the social workers also  
21 might be somebody that, you know, if they have their  
22 own groups, and if they have their own kind of  
23 meetings, or what have you, the social workers talk  
24 to a lot of people, you know, when they first come  
25 in, and that type of thing. So just might be



1 something to think about, because they're used to  
2 this kind of thing as well.

3 **MS. KENDRICKS:** Okay, my name is Louita  
4 Kendricks. I am a retired disabled veteran. I also  
5 want to follow up to advocate for women veterans.  
6 Dealing with that statement, you said that now there  
7 are ways that, when people check in for their  
8 appointments at that point you ask about Camp  
9 Lejeune for new people that are being vetted at the  
10 VA. What about those that -- prior, that has been  
11 there, because I know in my appointments they don't  
12 ask me anything about Camp Lejeune. I bring it up;  
13 they look at me like... They don't know.

14 So that being said, those of us that were in  
15 the system for the last 15-plus years, or whatever,  
16 how do we get them to recognize that we were at Camp  
17 Lejeune without having to go through a whole bunch  
18 of malarkey?

19 And my other questions are what are they going  
20 to do about the families with children who were  
21 stationed at Lejeune who are developing cancers, and  
22 their children developing cancers? So what are you  
23 going to do about that?

24 **MR. WHITE:** So let me tackle your second  
25 question first. Basically in order to qualify for

1 the program as a family member you have to have been  
2 at the base, and they have to --

3 **MS. KENDRICKS:** Yeah, they were born there.

4 **MR. WHITE:** -- have been exposed to the water.  
5 Well, if that's the case, then they should qualify  
6 for the program, and they should be able to receive  
7 the benefits, medical benefits.

8 **MS. KENDRICKS:** Okay. Now the big question is  
9 you state that a lot of them are unable to be found.  
10 When I was in the Marine Corps I was Kendrick. I  
11 married and retired as a Wright, but they still  
12 found me. I retired in California, but they found  
13 me here, so what is the problem with finding where  
14 the dependents are? If you can find the parents why  
15 can't you find the children? Because there are no  
16 records of emergency ^.

17 **DR. BOVE:** The key thing is Social Security  
18 Number; that's the difference. If we had Social  
19 Security Number on all the kids we, could follow  
20 them.

21 **MS. RUCKART:** Well, also I'll tell you, the  
22 housing --

23 **DR. BOVE:** That's a key thing.

24 **MS. RUCKART:** -- the housing records, they  
25 might list, you know, that you had a dependent or

1 other records that the Marine Corps kept might list  
2 that you had dependants and the number, but that  
3 doesn't necessarily list the names of your  
4 dependents, and certainly not their Social Security  
5 Numbers.

6 **MS. KENDRICKS:** But Headquarters Marine Corps  
7 has all that information. I worked admin, so all  
8 that information, we send that report Marine Corps.  
9 It's in the DEERS and everything else, so why is  
10 this so hard for you to find where those dependents  
11 are?

12 **DR. BOVE:** We have Social Security Number for  
13 Marines from the DMDC data, right? Through -- there  
14 are no data on dependents going back then, okay.

15 **MS. KENDRICKS:** Not even in DEERS.

16 **DR. BOVE:** Not even in DEERS. No, we don't  
17 have it. And the housing records just give you the  
18 Marine who was assigned the house, the unit. So  
19 that's what we have to work with. We have Social  
20 Security Number from their personnel records. We  
21 have it for civilian workers and we have it for  
22 Marines, okay? And to get it for Marines, we had  
23 to -- there had to be historical research done to  
24 know which units were at Camp Lejeune and which  
25 units were not, and there were probably mistakes

1           made, actually. Now the Marine Corps has scanned  
2           all the muster rolls, so that'll help resolve some  
3           of those issues. So this is the situation with the  
4           information we have to work with, okay? There are a  
5           lot of issues with the information we have to work  
6           with, okay?

7           **MS. KENDRICKS:** So you couldn't get a list of  
8           all the babies that were born at Camp Lejeune naval  
9           hospital?

10          **DR. BOVE:** The way we did that was used the  
11          birth certificates from North Carolina, and then  
12          narrowed it down to the county where Camp Lejeune  
13          was, and work from there. The hospital could not --  
14          did not provide that information to us. And again,  
15          they don't store the records there. They sent them  
16          off to, apparently, to St. Louis. In other words,  
17          it's not easy to get this information.

18          **AUDIENCE MEMBER:** They don't have death  
19          records, birth certificates for hundreds of  
20          children, so how are they going to find them?

21          **MS. KENDRICKS:** Okay, what she said, they don't  
22          have death records, birth certificates for hundreds  
23          of children, because I lost babies at Camp Lejeune.  
24          She lost babies at Camp Lejeune. They don't have  
25          any kind of records.

1                   **AUDIENCE MEMBER:** So what you supposed to do  
2 next?

3                   **MS. KENDRICKS:** So then what do you do?

4                   **MS. RUCKART:** That's exactly the issue that  
5 we're facing.

6                   **MS. KENDRICKS:** You still have those that were  
7 born, living.

8                   **MR. PARTAIN:** And there's another woman Marine  
9 that texted in and asked me to, you know, say her  
10 statement. She's calling -- her name is Paula  
11 Twitty Bushman, a woman Marine at Pendleton/Lejeune.  
12 List here just a base hospital on record. Husband,  
13 Marine, also passed at an early -- or passed at an  
14 early age. Not included in the survey. A woman  
15 Marine -- I'm having to read through the choppy text  
16 here. A woman Marine when first came out. ATSDR  
17 said woman Marines were not included. All three  
18 born with pre-existing low birth weight, NICU for  
19 long periods of time. Dead child at birth, two.  
20 Now she's suffering from autoimmune problems, CFS,  
21 fibromyalgia. Claims all denied and -- claims all  
22 denied but they currently agree that I was poisoned,  
23 which just this week noted more likely conditions  
24 related to poison. My service record both scanned  
25 illegible via microfiche, and they can't find her

1 information.

2 **MS. RUCKART:** Well, I would just want to let  
3 her know, and anyone else who's listening, that the  
4 health survey did include female Marines, and we did  
5 analyze miscarriages. And the questions on  
6 pregnancies in the health survey did ask about the  
7 outcome of each pregnancy: If it was a live birth,  
8 a still birth, et cetera. So that is something that  
9 will be included in the health survey, the  
10 miscarriage results.

11 **MS. KENDRICKS:** So you said you interviewed  
12 some women Marines?

13 **MS. RUCKART:** Surveys were sent out in 2011 and  
14 2012 to -- we tried to reach about 300,000 Marines,  
15 and this was based on the DMDC data, and I don't  
16 know if you want to have a, Frank, full discussion  
17 about this right now. I know you may not have been  
18 here in the past, and we talked about that maybe we  
19 can discuss this separately, not to use up the time.  
20 I know there's a lot of questions out here, but we  
21 did send out surveys, and like I said earlier, we  
22 are revising that report based on peer reviewer  
23 comments, and then it will go through Agency  
24 clearance, and then it will be published, and you'll  
25 be able to see what we found.

1           **MR. WHITE:** And ma'am, if I can follow up too,  
2 I think you asked me a question that I'm not sure if  
3 we got to, about the veterans that are coming into  
4 the medical centers that aren't being told.

5           **MS. KENDRICKS:** Those that have been in the  
6 system for a while.

7           **MR. WHITE:** Right.

8           **MS. KENDRICKS:** But you addressed the ones that  
9 are coming in, and now they have the check box down  
10 at the bottom of *were you ever stationed at Lejeune?*  
11 But those of us that were in before, you go to your  
12 physician, and they -- like mine, I told her. I  
13 said, well, you need to -- we need to go through my  
14 records because I was stationed at Camp Lejeune, and  
15 she looked at me like I was speaking foreign  
16 language.

17           **MR. WHITE:** I'm going to follow up on that.  
18 Right now I don't remember the specifics, but it was  
19 about a year ago, I asked our office, that I work  
20 under, if we can just run some kind of data analysis  
21 and find the veterans that we currently have in the  
22 system, that somehow we know were stationed at Camp  
23 Lejeune during the covered time frame, if we can  
24 just automatically enroll them into the system.

25           **MS. KENDRICKS:** And because you don't just have

1 Marines. You have a lot of sailors that were  
2 stationed there also.

3 **MR. WHITE:** But there was -- it was some kind  
4 of legal issue with being able to do that  
5 automatically. I don't recall what that was now,  
6 but that was the reason. But what I can do is  
7 follow up and see if there's other things. Maybe we  
8 can just send them out some literature and some  
9 information, individually. I mean, we can't just  
10 send it out to all the veterans we have in our  
11 system. There's like nine million of them. But we  
12 can -- we can somehow --

13 **MS. KENDRICKS:** Why not.

14 **MR. WHITE:** -- narrow that down.

15 **MS. RUCKART:** I want to mention, when we use  
16 the word *Marines* we are also including Navy  
17 personnel. Our surveys have included the Marines  
18 and Navy personnel, and we often just shorten it to  
19 Marines, but we're including the Naval personnel as  
20 well.

21 **DR. BREYSSE:** Do we have time for one or two  
22 more comments or questions?

23 **MS. WILEY:** I have a question.

24 **MR. ENSMINGER:** Who's that?

25 **DR. BREYSSE:** Can you introduce yourself?



1           **MS. WILEY:** This is from Dawn Wiley. And Dawn  
2 asks how far back on birth studies are you going?

3           **MS. RUCKART:** Well, we have two studies that we  
4 published, and we have some fact sheets, and, you  
5 know, I think Q&As up on our website. We were able  
6 to go back to 1968. That's because when the birth  
7 certificates began to be computerized in North  
8 Carolina it would've been extremely difficult to go,  
9 you know, back in time further than 1968. But we do  
10 say that the results that we found would apply to  
11 births before 1968 if the mothers were exposed in a  
12 similar way.

13           **DR. BREYSSE:** Okay. Next question?

14           **MS. BAILEY:** I'm Tina Bailey. I'm here with my  
15 husband, Daniel. This is the first meeting that  
16 I've attended. I wanted to thank everybody for  
17 their hard work and trying to get coverage for the  
18 Marines and their family members and the Navy  
19 members.

20           I've been sitting here listening, getting very  
21 frustrated, because I'm Navy personnel too. I'm  
22 medically retired, and I always thought very highly  
23 of being a Navy corpsman and protecting my country.  
24 And it hurts me, and I'm -- you can ask anybody,  
25 about five years ago I spoke very highly about the

1 VA, 'cause I'm a disabled vet. And all that they --  
2 how they helped me and everything. And it hurts me  
3 -- and I don't know where the VA lost their -- you  
4 know, I read over and over the VA's mission  
5 statement and their core values, and the acronym  
6 that they use of ICARE.

7 When I sat here and listened today about every  
8 excuse -- and I'm not attacking any of you guys.  
9 I'm just saying I'm frustrated -- every excuse,  
10 about well, they don't meet this criteria or we got  
11 to set up this experiment. How much money is being  
12 wasted on all these board experiments and studies  
13 and all that, that could be paid to these family  
14 members and the military members that are hurting,  
15 that are sick.

16 You guys send out the surveys. I work with the  
17 insurance companies every day. I fight for people  
18 that pay big money into their insurance companies to  
19 be -- to beg them to please let them get an MRI  
20 because they don't want to pay out the money. And  
21 that's how I'm feeling that the VA is becoming, in  
22 not wanting to pay out this money to people that  
23 served and protected our country and their family  
24 members. And it's very frustrating, and it hurts  
25 because it's an honor to have served. It's an honor

1 to sit there and look at our sons and daughters that  
2 are fighting for our freedom every day.

3 You guys send out these surveys. Who wants to  
4 fill out a survey when they're fighting cancer or  
5 their husband is sick, and they're barely being able  
6 to pay their bills every month? Do you think I'm  
7 going to fill out a survey? I'm not going to take  
8 the time to fill out a survey because nothing is  
9 being done, except we're fighting over everything.

10 Why can't the VA sit there and say we presume  
11 everybody that was stationed, and you can prove you  
12 were at Camp Lejeune between this time and that  
13 time, why can't you give them the benefit of the  
14 doubt 'til you can prove that it did not come from  
15 there? Give them their paycheck till you have it,  
16 prove beyond a reasonable doubt that you can fight  
17 their doctors that they see every day saying they  
18 have cancer, and you can prove with your specialists  
19 that that's not where it came from, and then stop  
20 their money. Why does it have to be the opposite?  
21 What happened to the ICARE? What happened to your  
22 core mission? That's my question. Where did it go  
23 wrong? Where did it change?

24 You know, in the beginning, when I look at the  
25 history of what the VA was, it started out with the

1 pilgrims. They said anybody that served in their  
2 country, served and fought in battle, was going to  
3 be covered. They were going to be taken care of,  
4 family members and that. What has changed? Why  
5 does the service member and their family members  
6 have to fight so hard to prove to you that they  
7 deserve it? Why can't it be the other way around?  
8 Why can't you give them the benefit of the doubt,  
9 give them their money, and then you fight with their  
10 doctors on why you feel it's not covered. Thank  
11 you.

12 **DR. BREYSSE:** Thank you very much for your  
13 comment, ma'am. I'm not quite sure there's a direct  
14 way to address that other than to say that your pain  
15 is well heard.

16 So I think I'm going to wrap up the public  
17 concerns section of the meeting. And can we spend a  
18 few minutes to talk about our planning for the  
19 community meeting coming up in 2017? Jamie?

20  
21 **PLAN 2017 COMMUNITY MEETING**

22 **MS. MUTTER:** Can you hear me? All right, well,  
23 first I want to say --

24 **MR. ENSMINGER:** He quit.

25 **MS. MUTTER:** First I want to say thank you, and

1           it's an honor to be joining -- helping with the CAP  
2           today. And you'll be seeing my name a lot more  
3           'cause I'm going to be helping Perri with the CAP,  
4           so thank you.

5           I did want to just talk about the next meeting.  
6           It most likely will be January time frame, but we  
7           can talk about that further. But we just wanted to  
8           basically confirm location. From what I've heard in  
9           the past Jacksonville, North Carolina is the  
10          location. Unless I hear differently I'm going to go  
11          with that in planning.

12          Just to make you aware there's really only one  
13          hotel that's capable of hosting it with the AV needs  
14          that we have, so I'm hoping that they're available  
15          on the dates that we choose. So if they're not we  
16          might have to figure out another game plan, but that  
17          is the plan right now. And do I hear anything  
18          saying differently than Jacksonville, North  
19          Carolina?

20                 **MS. CORAZZA:** No, but if you have an issue  
21                 start looking at like Cherry Point is the next base,  
22                 30 minutes over, and they have several large hotels  
23                 there.

24                 **MR. ENSMINGER:** Well, you've also got Coastal  
25                 Carolina Community College there.

1                   **MS. MUTTER:** Yeah, I think Perri had mentioned  
2 that before.

3                   **MS. RUCKART:** Where is that, Jerry?

4                   **MR. ENSMINGER:** It's in Jacksonville. Coastal  
5 Carolina Community College, not Coastal Carolina;  
6 that's down in Myrtle Beach.

7                   **MS. MUTTER:** Okay. I'll look at that and see  
8 what they have as far as rooms and whatnot. Okay,  
9 that's all I really had to ask about, so unless  
10 there's any comments I'll be done.

11                   **MR. PARTAIN:** Well, the big comment that I'd  
12 like to make, and Dr. Breysse, I don't know if  
13 there's any part you can play in this too, but being  
14 that this is going to be in Jacksonville, North  
15 Carolina, I think there should be some type of  
16 formal invitation for the Marine Corps to  
17 participate, and have, you know, full  
18 representatives at this meeting. I don't know if  
19 there's something you could do, as director, to pen  
20 a letter to somebody and get a formal denial from  
21 the Marine Corps since they don't seem to want to  
22 come, but to see if we can get this proactive so  
23 that way, if there is a formal denial, that we as a  
24 community can talk to our members of Congress and  
25 see if we can get the Marine Corps to come to it.

1           **MS. FRESHWATER:** I would also like -- I know in  
2 the documentary there was a press tour. It was the  
3 press, right, Jerry?

4           **MR. ENSMINGER:** No, it was --

5           **MS. FRESHWATER:** Was it the CAP?

6           **MR. ENSMINGER:** -- community members.

7           **MS. FRESHWATER:** -- of the sites, and I would  
8 like to request that we have one of those again,  
9 that we are able to be taken on base and shown the  
10 sites, and would be able to see what is -- you know,  
11 has been done and that type thing. If they did it  
12 before I don't see why we couldn't do it again.

13           **MS. FORREST:** You're saying a site visit for  
14 the CAP members.

15           **MR. ENSMINGER:** No, everybody.

16           **MS. FORREST:** I'm just trying -- I just want to  
17 make sure I understand what you're asking, 'cause  
18 it's a much bigger -- there's a big difference  
19 between 10, 12 CAP members and a much larger group,  
20 so I just wanted to understand what you're asking.

21           **MS. FRESHWATER:** And the way they do it, with  
22 the Beirut remembrance in October is we have to --  
23 if we are going to go on base to Camp Geiger in  
24 order to go to the ceremonies, we have to turn in  
25 our driver's license number and our name and

1 everything well in advance.

2 **MS. FORREST:** Oh, yeah, that'll have to be --

3 **MS. FRESHWATER:** Right. But I'm just saying I  
4 know that that's doable, and then I just -- they  
5 have it ready. I have a pass, and I'm able to go  
6 on -- you know, I don't want to go into it, but...

7 **MS. FORREST:** Oh, no, I know it's doable. I  
8 just wanted clarification to know if you were saying  
9 just CAP members or possibly a much larger group.

10 **MS. FRESHWATER:** Because I know how long things  
11 take to get from one place to another, if there's a  
12 no to the larger group we would still like the  
13 CAP -- we would prefer to have the CAP members as  
14 opposed to no one. Does that make sense, Melissa?

15 **MS. FORREST:** Yes. That's what I wanted to  
16 clarify 'cause I want to make sure.

17 **MS. FRESHWATER:** Okay. Thank you.

18

19 **WRAP-UP**

20 **DR. BREYSSE:** So we're right at the end, with a  
21 few minutes to spare, but that's okay. So I want to  
22 thank Dr. Sarah Blossom for coming today and having  
23 a great discussion with us.

24 And as usual I'd like to thank the  
25 representatives from the Department of Defense and



1 the veterans -- VA for being with us today.

2 Dr. Dinesman, hopefully this is not your last time  
3 with us.

4 **DR. DINESMAN:** No, I don't think so.

5 **DR. BREYSSE:** With a room like this how can you  
6 pass it up?

7 **DR. DINESMAN:** Thank you.

8 **DR. BREYSSE:** Well, thank you all very much,  
9 and with that, we'll adjourn the meeting.

10 **MR. ENSMINGER:** And I'd like to say welcome to  
11 Jamie as our new facilitator.

12 **MS. MUTTER:** I'll take it.

13 **MR. ENSMINGER:** You seem like a real mutter.

14 **DR. BREYSSE:** With that comment the meeting's  
15 adjourned. \*

16

17 (Whereupon the meeting was adjourned at 2:22 p.m.)

18

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**CERTIFICATE OF COURT REPORTER****STATE OF GEORGIA****COUNTY OF FULTON**

I, Steven Ray Green, Certified Merit Court Reporter, do hereby certify that I reported the above and foregoing on the day of August 11, 2016; and it is a true and accurate transcript of the proceedings captioned herein.

I further certify that I am neither relation nor counsel to any of the parties herein, nor have any interest in the cause named herein.

WITNESS my hand and official seal this the 7th day of Sept., 2016.

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**STEVEN RAY GREEN, CCR, CVR-CM, PNSC****CERTIFIED MERIT COURT REPORTER****CERTIFICATE NUMBER: A-2102**