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           SUPERIOR COURT OF THE STATE OF CALIFORNIA
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                    COUNTY OF SAN FRANCISCO
                    UNLIMITED JURISDICTION
     ELIEZER WILLIAMS, a minor, by )
 5
     SWEETIE WILLIAMS, his quardian )
 6
 7
     ad litem, et al., each
     individually and on behalf of
 8
 9
     all others similarly situated,
     L.P., et al.,
10
11
                    Plaintiffs,
12
                                      ) No. 312236
                  VS.
     STATE OF CALIFORNIA, DELAINE
13
                                      ) VOLUME IV
14
     EASTIN, State Superintendent of )
15
     Public Instruction, STATE
16
     DEPARTMENT OF EDUCATION,
17
     STATE BOARD OF EDUCATION,
                    Defendants.
18
19
20
          Continued deposition of LUIS HUERTA, at
          400 South Hope Street, Los Angeles,
21
          California, commencing at 9:19 a.m.,
22
          Thursday, March 20, 2003, before Lana L. Loper,
23
24
          RPR, CRR, CSR No. 9667, CCR No. 690.
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     PAGES 497 - 681
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1	Page 498 APPEARANCES OF COUNSEL:	1	Page 500 APPEARANCES OF COUNSEL (CONTINUED):
2	AFFEARANCES OF COUNSEL.	2	AFFEARANCES OF COUNSEL (CONTINUED).
3	FOR THE PLAINTIFFS:	3	FOR THE LOS ANGELES UNIFIED SCHOOL DISTRICT:
4		4	
5	ACLU FOUNDATION OF SOUTHERN CALIFORNIA	5	PILLSBURY WINTHROP LLP
6	BY: CATHERINE E. LHAMON, ESQ.	6	BY: JOHN S. POULOS, ESQ.
7	1616 Beverly Boulevard	7	400 Capitol Mall
8	Los Angeles, California 90026-5752 (213) 977-9500	8	Suite 1700 Sacramento, California 95814-4419
10	clhamon@aclu-sc.org	10	(916) 329-4700
11	emamone actu-sc.org	11	jpoulos@pillsburywinthrop.com
12	FOR THE STATE OF CALIFORNIA:	12	JF 2 2 2 2 F 2 2 2 2 2 2 2 2 2 2 2 2 2 2
13		13	ALSO PRESENT:
14	O'MELVENY & MYERS LLP	14	
15	BY: SHAUN M. SIMMONS, ESQ.	15	JOHN NOLTE, INTERN
16	400 South Hope Street	16	
17	15th Floor	17	
18	Los Angeles, California 90071-2899	18	
19	(213) 430-6000 ssimmons@omm.com	19	
20 21	ssimmons@omm.com	20 21	
22		22	
23		23	
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Page 502 Page 504

no data that exists yet, the "New" School Finance approach to the Williams case complaint.

Q And one part of the mechanism, as page 58 notes, is, "A top-down formula that would allocate resources to individual school districts, where, following the current logic of adequacy in school finance, more resources would be allocated to schools and districts with higher student needs, like those with higher proportions of low-income students, ELL students and students with disabilities."

Is that correct?

A Yes.

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Q Do you have any particular top-down formula that you're proposing?

16 A No. Absent any bottom up assessment of what the needs are, it would be difficult to propose 17 with specificity any formula that we could apply directly to the California situation. 19

20 O Are there states in the United States that 21 have a top-down formula that you would recommend for 22 California?

23 A We've learned from some of the models that 24 exist in other states, some of the states we've

mentioned, Wyoming, Oregon and Ohio, for example.

A Yes.

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MS. LHAMON: Vague and ambiguous. 3

THE WITNESS: Yes. That begins to outline the approach that we would take in engaging in a full assessment of needs across the state, and also the creation of set outputs, either via standards or some described minimums for education.

BY MR. SIMMONS:

Q As a point of clarification, when does specifying targets for inputs -- strike that.

Do we -- under "New" School Finance, when would we specify targets for inputs; before or after conducting a wide-scale needs assessment?

MS. LHAMON: Incomplete hypothetical. Asked and answered.

THE WITNESS: I've spoken to the issue vesterday, at length on this issue, on this specific theme. While in California we already have standards or benchmarks, there's no reason to believe, after engaging in a full assessment at the local level, that some of these standards and assessments may change. Again, these are themes that in the hypothetical are difficult to answer,

24 without any real assessment in data that exists.

25

BY MR. SIMMONS:

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However, applying those model formulas to California without engaging in any full assessment would be difficult and not advised.

Q Have you ever attempted to create a top-down formula like the one proposed on pages 58 and 59 of the expert report for any state?

A No. Conceptually, along with colleagues that I worked with in the joint committee to develop the master plan for education, we brainstormed a bit about this issue. However, our discussions were limited to analyzing how other states, specifically the states we've already mentioned that have approached finance adequacy formulas, how they've approached the issue in their states and whether those would be relevant to California.

The conclusion was that it would be too difficult without any real assessment and much better data in California.

Q The next aspect of the proposal that is discussed in section 3 is having the state specify targets for both outputs and inputs that it expects districts to meet.

23 Is that part of the potential -- is that 24 part of the proposal that you are providing in 25 connection with this case?

Q Are you aware of any states that have specified targets for educational inputs?

A Yes.

Q What states?

The process of costing out adequacy in states like Wyoming and Oregon have engaged in actually costing out and specifying inputs for so-called model schools.

O Would you agree that it's too early to tell whether specifying educational inputs in those states that you just identified has resulted in increased access to the inputs?

MS. LHAMON: Just so I'm clear, when you're referring to "inputs" are you using the definition from yesterday or some other definition? MR. SIMMONS: Yeah. We should clarify.

17 Thank you.

18 BY MR. SIMMONS:

19 Q I think I'm using it in -- first of all, how are you using "inputs" in that context there in 20 the middle of page 59, Dr. Huerta?

22 A That is consistent with the definition 23 we've been using throughout the last few days.

24 Q Dollars and the things that dollars can 25 buy?

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A Yes.

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O So with that in mind, do the states have any -- strike that.

With that in mind, is it too early to tell whether states that have specified targets for inputs have experienced increased -- strike that.

Would you agree that it is too early to tell whether students in states that have specified targets for inputs have experienced increased access to those inputs?

A Considering that some of the states, for example, Oregon and Wyoming which we've mentioned, have already engaged in this process over the last three to four years, it's not too early to tell. The issue is that research efforts and the data that's been collected from these research efforts is just now beginning to surface and be published.

Q And that research that is just now being published, does that assess the extent to which students have experienced increased access to inputs in the states that have specified minimum targets for those inputs?

23 A I will expect that to be one of the 24 principal themes of this work. However, I have not had a chance to review this work.

O So is it correct that as you sit here today, you don't have a specific proposal as to what targets for outputs that the State of California ought to specify?

A Specifically identifying or designating any set outputs is out of my area of expertise. However, as I answered in the question before this, any measure of outputs by which we used to gauge student performance should rely on multiple indicators, not just one standardized test.

Q Have you conducted any research that deals with the manners in which states in the United States measure educational outcomes?

A I have not engaged in any field work that looks specifically at that issue. I have read some of the literature that looks at standards and assessment programs in a variety of other states.

Q And the third part of the proposal, which starts on page 59, the first sentence says, "Each district would generate an annual report describing whether they meet each of these input and output standards for each of the schools within a district."

Do you see where it says that on 59? A Yes.

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Q Is it fair to say you believe the system for measuring educational outputs in California is too simplistic?

A Are you referring to a specific tool that we use in California?

Q For, yes, the API?

A Yes. I would characterize the API as being simplistic, principally because it's based on only one measure of student performance.

Are you aware of any states that -- strike that.

Are you aware of any states which you would characterize as taking a more nuanced approach than California to measuring educational outcomes?

MS. LHAMON: Vague and ambiguous.

THE WITNESS: With specific detail, that's an area that is outside my expertise. I do know of other states, for example, Texas, that do use

18 19 multiple indicators to measure multiple output;

20 indicators to measure student performance and

21 student achievement, including factors such as

attrition, accounting, also for socioeconomic status 22

23 of students and other factors, which I don't have

24 the details in front of me.

BY MR. SIMMONS:

Q Are you aware of any states that require this type of annual report that is described on page 59?

A Yes. The State of Rhode Island has developed a system of the type that we described, and that's detailed in footnote 41, where the state does require the collection of this information at each school level.

Q Would you propose that the State of California adopt the approach to annual reports that Rhode Island has developed?

A I think the Rhode Island example is a very good example of at least the beginnings of the data that we need to learn more about how schools use their resources, and that would allow us to begin to look at schools as the unit of analysis for resource distribution rather than districts, which is the limit, the extent of what we know today in California.

Q Do you know what the costs -- strike that. Do you know what costs are associated with the reporting system that has been developed in Rhode Island?

24 A I do not know.

25 Q Do you know how many schools are in

Page 510 Page 512

Rhode Island?

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- A I do not know the exact number.
- O Are there any differences between California and Rhode Island, that you are aware of, that might make the development of a reporting system, such as the one that exists in Rhode Island. more difficult in the state of California?
- A Not knowing the specifics of both school conditions and state level governance that oversees schools in Rhode Island and a variety of other conditions, I don't know with precision. However, I do know simply the scale difference between Rhode Island and California would be an important issue to -- would be important.
- Q Have you conducted any research that concerns the development of a reporting system for a state's public education system?
  - A No.
- On the last sentence on 59 that carries 20 over to 60, it says, "If the district does not meet one or more of these standards, the district would 22 present a plan for meeting such standards within a certain period of time."

And the standards that are referred to in that sentence are both output and input standards.

Procedures in order to inquire of the district whether there are plans to correct the issue. All 3 complaints would have to provide substantial evidence about the nature of the violation, since 5 frivolous cases should be discouraged."

A Yes.

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- Q Are you aware of any states that have a complaint procedure like that discussed in those last two sentences I just read?
- A No, not that carries -- not that employs that specific process that is described there.
- Q Are you aware of any states that make use of at least a somewhat similar process as is described in the last two sentences that I read?

MS. LHAMON: Vague and ambiguous as to "somewhat similar."

THE WITNESS: There are states that use a somewhat similar process. The Rhode Island example uses some components of that. We might characterize in California, our II/USP program, as employing some aspect of that process as well; but specifically

22 following that procedure, no.

23 BY MR. SIMMONS:

> Q Have you done any research assessing the benefits, if any, that might accompany the adoption

Page 511

Is that correct? 1

A Yes.

Q Are there -- are you aware of any states that have a process like is described in the last sentence that we read?

A The model in Wyoming has outlined both input and output standards. I believe the Oregon model has also began to address that specific issue, so yeah, there are states that have developed both input and output standards.

Q And in those states, is there a mechanism by which a district that does not meet the output or input standards is required to present a plan for meeting those standards within a specified period of time?

A I would have to go back and look at the literature for that specific component of their finance and standards and accountability system.

Q The -- let's move on to the next couple of sentences. On page 60, the report says, "Then if any group, including but not limited to parent groups, community adequacy groups, teacher groups or student groups, believes the state standards are not being met in a particular school, their first

24 obligation is to follow the Uniform Complaint

1 of a complaint procedure such as that outlined on 2 page 60?

A I have not engaged in any field work that looks specifically at that issue. It's important to remember that the proposal that we're outlining here is a conceptual frame, again, that's based on review of a wide amount of literature, both in finance, standards and assessment and school governance.

O Have you made any effort to ascertain the costs that might be associated with implementing the type of complaint procedure that is discussed on page 60?

A In California or --

Yes, in California. Thank you.

Α No.

> If you look down towards the bottom of page 60, you'll see that it says, "In the event that inadequate funding is the issue, then this would trigger additional resources from a contingency fund to be established by the state."

21 Do you have any opinion as to the amount 22 of resources that ought to be devoted to such a 23 contingency fund? 24

A I think the contingency fund would be dependent upon the findings of a full assessment, a

Page 514 Page 516

wide-scale assessment at the local level that would describe the needs and would provide the data necessary to begin to actually provide a dollar figure to the contingency fund.

Q So until we can conduct a wide-scale needs assessment, we can't allocate a -- rationally allocate an amount to be set aside for the contingency fund that is proposed on page 60. Is that correct?

MS. LHAMON: Mischaracterizes the testimony. Vague as to "rationally."

THE WITNESS: I think it's difficult to set a dollar amount on any proposed contingency fund without knowing -- without fully knowing what the needs are at local level.

#### 16 BY MR. SIMMONS:

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O In the next sentence there, it says, "In the event that the problem lies in the district administration, the county office would initiate a plan to correct the problem, including but not limited to reforming administrative procedures, providing staff development for district administrators, and removing administrators deemed to be incompetent."

What types of things would we need to know

1 problems with district 2 administration?"

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THE WITNESS: That statement is consistent and dependent upon the implementation of the reporting system described earlier under section 3, on page 59. The creation of an assessment that could describe both resource use and the administrative and governance decisions that are made in the resource use could provide us more details into specifically how schools are using their money and whether they're using it efficiently.

# BY MR. SIMMONS:

Q Are you aware of any states that have in place a contingency fund like the one described on page 60?

A No.

Q Just down there at the bottom of page 60, you refer to "reforming administrative procedures."

Can you tell me what kind -- what you mean by "administrative procedures" in that sentence?

A Administrative procedures is in reference to decisions, fiscal decisions in how resources are used. Administrative procedures may also include governance and other decisions that are made, and

Page 515

to determine whether a problem at a school is a result of inadequate funding, as opposed to problems with district administration?

MS. LHAMON: Incomplete hypothetical. Assumes there has to be opposition.

THE WITNESS: Could you restate your question? I'm not sure exactly what you're asking.

MR. SIMMONS: Could you read it back, please?

(The question was read as follows:) "Q In the next sentence there, it says, 'In the event that the problem lies in the district administration, the county office would initiate a plan to correct the problem, including but not limited to reforming administrative procedures, providing staff development for district administrators, and removing administrators deemed to be incompetent.' "What types of things would we need to know to determine whether a

problem at a school is a result of

inadequate funding, as opposed to

not only how resources are used, but also how staff or other components of a school are used. There's a variety of different definitions that will fall into administrative procedures.

It's important to note that in that section of the proposal, that the idea is to try to contain this type of oversight within local levels, be it district or county, and allow those levels to attempt to manage issues before going to a system of state oversight, which is described in the third step, on the next page.

O Could you describe that third step for me?

A As noted on page 61, the third step would be the next step after local levels' inability to perhaps solve some of the issues or problems which arise, and similar to the FCMAT program. FCMAT would involve state officials coming to local levels and actually engaging in investigations at that level and limited levels of oversight.

O You considered the II/USP program an example of a procedure that triggers state-sponsored investigation?

A I don't think II/USP triggers state-sponsored investigation but does trigger state level assistance that works in tandem with local

Page 518 Page 520

level identification of what needs are in the context of II/USP, together with the so-called -somebody remember what the teams are?

MS. LHAMON: External evaluators.

THE WITNESS: -- external evaluators that help locate what their needs are and helps them in implementing school improvement plans. BY MR. SIMMONS:

Q Moving down to that next paragraph, you mention that several other states have developed such triggering mechanisms, and the first state that you refer to is Colorado.

Do you see that?

A Yes.

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Q And it appears -- it says, "In Colorado districts identify schools that are in need of improvement based on test scores. Extra funds are provided to schools to assist them in making improvements. Then the local board of education makes a determination about how best to help the school, frequently resulting in conversion to a charter school using a proven academic program."

Isn't that process identified there similar to the II/USP program?

A Yeah, there are some similarities in what

1 state resources, including professional development funds, preschools, full-day kindergartens and 3 reduced class sizes."

Do you see where it says that?

A Yes.

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Again, would you agree that that program that's just described there as existing in Connecticut is similar to the State's II/USP program?

MS. LHAMON: Vague as to "similar."

THE WITNESS: Again, there are similarities. I don't know, other than what is described there, the details, especially what is very important in comparing these programs to. For example, the II/USP program in California is the level of assessment that is made to identify schools -- the level of additional resources that are provided to schools. So while in the spirit of the general plan, there are similarities, there can be vast differences in the details of each program compared to the California plan.

22 BY MR. SIMMONS:

> Q So as you sit here today, you don't have an opinion about whether the program in Connecticut that we just discussed is superior to the II/USP

Page 519

is identified there, I would agree.

Q Are you aware of any differences between that program and the State's II/USP program?

A I would have go back and review the particulars of that program. There are obvious similarities in what we describe there in the II/USP, but I don't think it's the exact same program.

Q Do you have any opinion as to whether the triggering mechanism in place in Colorado that we've just discussed is superior to the II/USP program?

MS. LHAMON: Calls for speculation. Lacks foundation.

THE WITNESS: Again, I would have to return and look specifically at the Colorado plan. I do know that the Colorado plan is also based on test scores, where test scores are used to identify so-called failing schools.

BY MR. SIMMONS:

19 20 O You see the next state referred to on 21 page 61 is Connecticut. And it says -- the report 22 says, "Connecticut has a testing system that 23 provides information to schools so they can 24 determine where improvement is needed. Low-performing schools are then given additional program in the state of California?

A I think the program in Connecticut was designed for schools in Connecticut, which I would estimate are extremely different than schools in California. So as far as one being better than the other, I would not provide an opinion on that.

Q Next sentence down says, "Massachusetts provides targeted assistance to low-performing schools in the form of academic support services grants and after-school program grants."

Do you see that sentence there?

Yes.

13 Q What are the academic support services 14 grants referred to in that sentence? 15

A Academic support services grants are additional monies that are provided to schools to enable professional development-type programs for -that fit the specific needs of schools. That's the extent of the details I know about that program.

19 20 Q Are there grants in the state of California that you would characterize as similar to the academic support services grants in 22 23 Massachusetts?

24 MS. LHAMON: Calls for speculation. 25 THE WITNESS: I do know that there are

Page 522 Page 524

- professional development grants in California.
- Whether these grants are provided on a needs basis,
- 3 I would have to go back and look at the details of
- how those resources are distributed to schools. The
- 5 program that is described in Massachusetts is
- targeted, as it indicates, to low-performing

7 schools.

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#### 8 BY MR. SIMMONS:

Q That next sentence you say, "North Carolina identifies low-performing schools based on poor test performance. The state then provides these schools several additional resources, including needs assessment and valuation through a needs assessment team, which provides continuing advice to and monitoring of the school, similar to

Again, that -- would you agree that the triggering mechanism for North Carolina that is described right there is similar to the State's

the investigative process in step 3 above."

20 II/USP program?

MS. LHAMON: Vague and ambiguous as to 21

22 "similar."

23 THE WITNESS: I'm sorry. What state are

we on, North Carolina? 24

BY MR. SIMMONS: 25

that these are programs that are better or worse

than the II/USP, but rather to simply display how

3 other states have attempted to address the needs of

low-performing or so-called failing schools through

5 the triggering mechanism that we have developed or 6 described.

## BY MR. SIMMONS:

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Q Have you published any papers that concern the subject of triggering mechanisms?

10 A Other than what is described in this paper, and what is also described in the Straw into 12 Gold publication, no.

Q Regardless of whether you published a paper on triggering mechanisms, have you conducted any research with respect to triggering mechanisms?

A I personally have not conducted any field work on this issue.

Q Does Kentucky have a triggering mechanism 18 19 in place?

20 MS. LHAMON: Calls for speculation.

21 BY MR. SIMMONS:

Q If you know.

23 A The initial plan that was developed in

24 1990 as a result of the Rose v. Council for Better

Education case in Kentucky in 1989 did include a 25

Page 523

system that -- a finance formula that included 1

additional resources for schools, for low-performing

3 schools. However, over the last decade, most of the

elements of the Kentucky educational reform mat have

either been reformed, or as I indicated vesterday.

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Q Does Texas have a triggering mechanism in place for its public school system?

MS. LHAMON: Calls for speculation.

10 BY MR. SIMMONS:

11 Q If you know.

A Texas is similar to the other states that we've listed; has a system which identifies or designates the label of academically and acceptable. Those are the Texas words, or that's the Texas description.

The extent of resources that are provided for so-called academic and acceptable schools, I'm not certain what it is in Texas. However, what I described, what we described on page 62, there is the general triggering system that identifies

22 failing schools in Texas.

23 MS. LHAMON: Shaun, mind taking a break? 24 MR. SIMMONS: No. That's fine.

(Discussion off the record.)

O Yes.

A There are similarities in the North

3 Carolina program to the II/USP program in

California. Again, North Carolina serves a very 5 different population of students. I do not know the

extent or any benchmarks that are set in order to 6 7 trigger this type of additional assistance from the

8 state; but in general, there are similarities to the

9 II/USP program in California. 10

It's important to remember that all the examples that we provide in both page 61 and 62 provide -- all these examples have similarities to the II/USP, but it's important to remember that the level of funding and the level of assessment which describes local needs are the key components that differ these programs.

Q As you sit here today, you don't have an opinion as to whether the triggering mechanism in North Carolina, as described on page 62, is similar to the State of California's II/USP program, do you?

MS. LHAMON: Vague and ambiguous.

22 THE WITNESS: I'm not sure if we share the 23 same definition of "superior." I think that we

24 describe a similar program. Our goal again, in

describing these programs, is not display in any way

Page 526 Page 528

### BY MR. SIMMONS:

2 Q Dr. Huerta, could you please turn to 3 page 64?

A Yes.

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Q It says -- the first full paragraph up at the top there says, "One other bottom-up mechanism would be potentially important in improving local schools and assuring greater equity in the allocation of the resources that matter at the school and classroom level, and in generating information for further policy making."

And is the bottom-up mechanism that is being referred to there a type of inspection process?

A The bottom-up approach is in reference to the identification of local needs that's consistent with the "New" School Finance approach. However, the section that follows that immediately describes an example of a bottom-up system that involves both the identification of local needs and some level of inspection from officials, state officials, in that context.

Q Are you aware of any states in the United States that have an inspection process for investigating public schools in the state?

BY MR. SIMMONS:

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Q So to save time, would your answer be the 3 same with respect to Rhode Island, Kentucky, Maine, 4 Illinois and Oregon, in regards to their inspection 5 processes? 6

A In regards to the specifics, yes.

O Are you familiar with any research examining the extent to which the inspection system used in New York has led to increased access for students to educational inputs?

A Footnote 43, we cite work by Ancess, A-n-c-e-s-s. I don't recall if that specific citation actually outlined what the effects of the school quality review program are. I would have to go back and review the details.

You were asking about New York specifically, right?

Q Yes. The same question with respect to Kentucky, Maine, Illinois or Oregon.

A No.

Q Have you conducted any research yourself on the extent to which inspection systems may increase students' access to educational inputs?

A I have reviewed some of the literature. I haven't conducted any field work. Throughout page

Page 527

MS. LHAMON: Vague and ambiguous. Are you asking about any inspection process or something similar, substantially similar to this one described on page 64?

BY MR. SIMMONS:

Q Yeah, first one, substantially similar to the one described on page 64. A There have been similar programs that have

been attempted in the United States. Footnote 43 specifically outlines or mentions school quality review approach, the school quality review approach in New York. It also references Rhode Island's approach to school accountability. Kentucky, Maine, Illinois, I would direct you to footnote 43.

Q What does the -- so I am now looking at footnote 43. And what does the New York program for inspections entail?

MS. LHAMON: Calls for speculation, and vague as to time.

20 THE WITNESS: I would have to go back and review the specific details of the New York plan. 21 22 When we put this together, we were -- our objective was not to outline the specifics, but simply outline

23 24 the fact that other inspection-type programs do

25 exist. 64 and 65, we talk about the England example.

Q If you'll look at page 65, down toward the bottom, it says, about four or five lines up, it says, "The obvious lesson is that inspection systems need to be carefully structured and developed in a climate of support. They have enormous potential for gathering the information necessary to improve all schools, focusing on what matters most in schools and classrooms, but they can also be enormously destructive."

MS. LHAMON: It says "generating" instead of "gathering." 12

MR. SIMMONS: Thank you.

BY MR. SIMMONS:

Q Do you agree with that statement there on 15 16 page 65?

A Yes.

Q In what way can inspection systems be enormously disruptive under the wrong conditions?

A That phrase is specifically -- or that phrase is implicitly referring to the England system, which engages in so-called "naming and shaming" of schools that are failing, which over time, rather than productively assisting the schools to improve, can lead to destructively creating an

Page 530 Page 532

environment in which these schools can not now engage in school improvement.

Q What is this "naming and shaming" that you're referring?

A "Naming and shaming" is a process of publicly identifying public schools and then engaging in sanctions, which could include a takeover of schools, reduction in resources, et cetera.

Q Are you aware of any research that investigates the effect of the process which you characterized as "naming and shaming" on educational outcomes?

MS. LHAMON: Vague and ambiguous. Are you referring only to the "naming and shaming" in England or "naming and shaming" anywhere?

MR. SIMMONS: Just the process as he's defined it. If he's aware of places outside of England where it occurs, that's fine, too.

THE WITNESS: Some of the work by Norton
Grubb that is cited in page 64, where he spent a
fair amount of time in England observing the

23 accountability system that includes the "naming and

shaming" process, has looked at the ill effects of the process on some of these schools. I don't

25 A I th

the inadequacy of resources at the level of schools
and classrooms, particularly the lack of
credentialed teachers, the lack of adequate numbers
of up-to-date textbooks, and the inadequacy of
physical facilities. These are all elements of
instructional conditions, IC, in equations 2 through
5 above. Arguably they are the kind of

of resources denoted in dollar terms, but rather on

9 instructional conditions that have positive effects
10 on outcomes, including test scores, but also on more
11 meaningful outcomes, like learning in broader
12 senses, persistence and identification with
13 schooling and its role in preparation for adult
14 life."

Do you agree with that, with those sentences I have just read?

A Yes.

Q Why are the resources that are the focus of this litigation, those particularly being the lack of credentialed teachers, the lack of adequate numbers of up-to-date textbooks, and the inadequacy of physical facilities, why are those resources only arguably the kind of instructional conditions that have positive effects on outcomes?

A I think the section of the report that you

Page 531

Page 533

recall that it specifically looked at or
specifically measured the effect of process on
student achievement.

BY MR. SIMMONS:

Q Have you conducted any research yourself that assesses the extent, if any, to which the process you characterized as "naming and shaming" affects student achievement?

A I have not conducted any of that field work, no.

Q Do you have an opinion as to the specific type of inspection process that California ought to adopt for its public school system?

A It's difficult to outline with specificity any inspection or oversight-type program without fully assessing what the needs are at local levels and working together with local actors and state actors and providing set benchmarks both for student outcomes and minimum resources, minimum levels of resources.

Q Would you turn to page 55?

Down at the bottom of the page, it says,
"The case of Williams versus State of California is
somewhat different in our interpretation. The

complaints in the case focus not on the inadequacy

just read doesn't -- does not specify those as being the only conditions. Those are three of the most basic resource categories that are necessary to provide children with an adequate education.

Q But whether those resources actually affect student outcomes is subject to debate in the academic community, is it not?

MS. LHAMON: Asked and answered. THE WITNESS: We discussed yesterday the wide range of studies that have -- specifically production function studies -- that have been -- that have looked at this specific issue. There is debate to the specific influence that these resources have on student achievement. There's also wide agreement that the specific and most basic resource categories are important and highly attributable to student achievement.

MR. SIMMONS: Could you read that last answer back for me?

(The answer was read as follows:)
"THE WITNESS: We discussed yesterday the wide range of studies that have -- specifically production function studies -- that have been -- that have looked at this specific

Page 534 Page 536

- 1 issue. There is debate to the 2 specific influence that these 3 resources have on student 4 achievement. There's also wide 5 agreement that the specific and most 6 basic resource categories are 7 important and highly attributable to 8 student achievement." 9
  - BY MR. SIMMONS:
- 10 Q Why isn't the Williams case an example of 11 reform de jure?
- A Are you referring to a specific section of 12 the report? 13
- 14 Q Well, actually, no. But you do use the term, the phrase "reform de jure" in your report, do 15 16 you not?
  - A Yes.
- Q What is meant by "reform de jure"? 18
- "Reform de jure" implies reforms that are 19 often a result of political debates, and reform 20 de jures are also absent any full assessment of real
- 22 needs. Synonymously, you can use reform of the day,
- which is a common phrase that is used among
- practitioners. That's our definition of reform 24
- 25 de jure.

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THE REPORTER: Yes.

2 (Defendants' Exhibit 15 was marked 3 for identification and annexed

4 hereto.)

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5 BY MR. SIMMONS:

- Q Dr. Huerta, if you would just take a moment to review what has been marked as Exhibit 15, and let me know if you recognize the pages that make up Exhibit 15.
- 10 A These are notes from the conversations that I had with both Catherine Lhamon, Michael 11 Jacobs, Jack Londen, over the period of the last 12 13 three months, in preparation for my testimony or my 14 deposition.
- 15 Q Can you turn to the second page of 16 Exhibit 15, which is Bates stamped Plaintiff Expert 17 LH0254?
- 18 A Yes.
- O That second dash down, could you read that 19 20 language for me?
- 21 A Could -- I'm going to say "X" there 22 because I'm going to try to figure out what it says throughout the context -- "Could X particulars and 23 respond the way I want to. I don't" -- I can't read 24
- my second letter, words there. You want to take a

Page 535

- Q And why isn't the Williams litigation about which you were testifying an example of reform de jure?
- A Because the complaint filed in the 5 Williams case and the proposal that we offer in the conceptual frame of "New" School Finance is 6 7 specifically calling for a comprehensive and 8 wide-scale assessment of what needs are with --
- followed by the creation of -- both the creation of
- student outcome benchmarks, as well as benchmarks 10
- for minimum resources at the local level. It's my 11
- belief that the Williams case is well aligned 12
- 13 with -- or the Williams complaint is well aligned
- 14 with some of the -- or most of the components of the
- 15 "New" School Finance concept's actual frame and is calling for a very comprehensive approach to policy
- making, rather than an either knee jerk or reform 17 18 de jure approach to policy making.
  - Q But the "New" School Finance conceptual framework is not even two years old yet. Is that correct?
- 22 A That's correct. The comprehensive 23 framework that is outlined in the "New" School
- Finance approach is not two years old, yes. 24
- 25 MR. SIMMONS: Are we at 15?

1 guess?

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- Q I'm not sure either.
- 3 A Oh, "Could ignore particulars and respond the way I want to," perhaps. 5
  - O What is that referring to?
  - A I believe it's referring to my right to ignore particulars that you pose in reference to my work and allowing me to respond according to my interpretation, not yours.
- 10 O And was that advice provided to you in connection -- strike that. 11
  - Was that advice provided to you by plaintiff's lawyers in connection with the preparation for your deposition in this case?
  - A Yes. These were general strategies in helping me with my learning curve on what the particulars of the deposition process would be, would involve. It's good advice.
- 19 Q Could you turn to the next page of Exhibit 15 for me, which is Bates stamped Plaintiff 20 21 Expert LA255?
  - A Yes.
- 23 Q The second dash, could you read for me 24 what that language is by the second dash on the 25 third page of Exhibit 15?

Page 538

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A It says, "Wants us to speak more about" -and I don't recognize that word -- "function" -- oh, "step function, how dollars represented by X is spent efficiently would buy us more achievement."

Q What is a step function?

A I think that's -- I was writing the note that somebody -- I'm not sure if this was Catherine or somebody; it may have been Michael Jacobs. I believe he was -- I believe he misspoke and he meant production function, perhaps, but this phrase is in reference to a heads up, so to speak, that you would press me to state that only more dollars would lead to increased achievement in the context of the Williams case, which is not consistent with my belief, necessarily, without any sort of engagement in the process of assessing needs.

Q If you'll go down about, oh, two-thirds of the way down, page 3 of Exhibit 15.

A Same page? 19

20 Yes. Q

I think it says this is about being clear 21 22 on the fact that these resources are not something,

23 but --

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24 A Symbolic.

O What is that in reference to? 25

application of the "New" School Finance conceptual framework to the Williams complaint.

Page 540

Page 541

3 Q What causal factors are being referred to 4 there?

A Causal factors is probably referring, in this context, to the step process that is involved in the "New" School Finance framework, and the necessity to engage fully in both a local needs assessment, the creation of output standards, and also the creation of minimum levels, the creation and oversight of minimum levels of inputs at the local levels.

Q And did you review the liability disclosure, plaintiff's liability disclosure, in connection with your preparation for this deposition?

A Briefly, a couple of pages.

Why did you review that document?

To further familiarize myself with the 19 20 complaint.

Q What portion of the liability disclosure 21 22 did vou review?

A I believe I reviewed the introduction, perhaps the first 20 pages or so of the liability disclosure. And I reviewed some of the final

Page 539

1 A Excuse me. That's in reference to the 2 three general resource categories that are described 3 in the Williams complaint, specifically facilities, teachers and learning materials.

5 O And was that something that you discussed with any lawyer for plaintiffs? 6 7

A Yes.

Q What was specifically discussed in that regard, if you can recall?

10 A In this context -- in this context, this may have been in reference to -- to my -- or to the 11 counsel's belief or to my belief -- and I don't 12 13 remember exactly whose; probably both since we share 14 these three general categories -- are vital resources that are necessary for meeting any minimum 15 16 level of education goals. 17

Q If you'll go down a couple of inches, I think you will see an arrow -- and this is on page 3 of Exhibit 15 -- and it looks like it says, "Then be able to reflect on the" -- is that "causal factors which we speak to"?

A Yes. 22

23 Q And what does -- what do those notes refer 24 to?

25 A Those notes simply refer to the

sections of the liability disclosure as well. I 1

don't recall which ones. I don't have them in front 3 of me.

Q If you'll turn to, I believe it's page 4 of Exhibit 15, which is Bates stamped Plaintiff Expert LH256.

Can you make out the last, what appears to be a bullet point paragraph, on that page?

A 256, Shaun?

10 O Yes.

The last dash, you're indicating? 11 Α

Yes, please.

Says ACLU believes State must set clear standards for meeting certain benchmarks, gathering information, and creating programs to meet needs. Ultimately, distribution funding must change,

triangle, change to meet such. 17

18 I think I learned that in my chemistry 19 class in college.

20 MS. LHAMON: The triangle? THE WITNESS: Shorthand.

22 MS. LHAMON: I would be amazed if your 23 teacher was teaching you about ACLU.

BY MR. SIMMONS: 24

25 Q Then if you turn to the next page of Page 542 Page 544

- Exhibit 15, which is marked Plaintiff Expert LH257.
- 2 A Yes.

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- 3 O Could you make out the second dashed paragraph on that page? 5
  - The second dash?
- 6 Yes, please. O 7
  - The one that has an asterisk next to it?
- 8 I think just starting two lines above 9 there.
  - A It says ACLU wants to provide a range of things that State can do; remedies will never save dollars, is outside the bounds.
- 13 O And what's this note in reference to, if 14 anything?

MS. LHAMON: Vague and ambiguous.

16 THE WITNESS: I think the note speaks for 17 itself. It's in reference to the fact that we're

- not clear if any remedy that may be applied to the 18 current situation that's part of the Williams 19
- 20 complaint is outside the bounds of including
- additional dollars. And this is consistent with the
- 22 "New" School Finance approach, which calls for,
- 23 foremost, the assessment needs, the needs of --
- 24 scratch that -- which calls for most of the local
- needs assessment that would identify needs. 25

we've discussed, the programs are restrictive through categoricals and others. It's important not to take that note out of context.

Q If you could turn to page 7 of Exhibit 15, which is marked Plaintiff Expert LH259. About the middle of the page, there's a dash that seems to begin "I need," but I'm not sure.

Could you decipher that portion of the exhibit for me?

A Yeah. Just a minute.

11 It says I need to help connect problems in 12 current fund scheme as the contribute -- shorthand for contributing -- to inequalities within schools, 13 14 i.e., competing policy schemes, C, conditions, discretion dollars. It's all shorthand. 15

Q Below there -- I apologize. Below there it says "deposition process." Do you see that?

A Yes.

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- Q It says this is not a discussion?
- 21 Correct.
  - What does that refer to?
- 23 A It directly refers to that the deposition
- process is not a discussion about general school 24
- finance themes, but is specifically about a 25

Page 543 Page 545

# BY MR. SIMMONS:

Q Why the asterisk by note that says, "We will never say money is outside the bounds"?

A The asterisk is next to the phrase which reads, "Remedies will never say that dollars are outside the bounds."

Perhaps to remind me that that's an important point.

- Q The next dash down, could you read that sentence by the next dash down, on page 5 of Exhibit 15?
- A The third dash?
- 13 0 Yes.

14 "California law is very good about equity principles" -- or excuse me -- "equality principles, 15 but not about how to tell schools how to spend

dollars." 17

Q Is that your opinion?

19 A I think in the context of when I wrote 20 that note and now reviewing it, I do believe that

- California is very good about equality principles, 21
- 22 based on dollar equity for, as we've discussed,
- 23 revenue limits. And to clarify, there's nothing
- 24 that exists that has assisted schools in directing
- them how to spend dollars, but rather most -- as

- 1 discussion about my expert report and the Williams case. My handwriting improved over time at least.
- 3 That's because -- I don't know why.
- 4 Q All right. If you could turn to page 10 5 of Exhibit 15, which is Bates stamped Plaintiff 6 Expert LH263.

There appears to be a paragraph by an asterisk there.

- A Uh-huh.
- 10 O Could you read that paragraph for me, 11 please? 12

A It reads, "It's not that we don't know, but it's that State has not engaged in gathering specific data to know what it pays for and how much it costs. This is an area of inquiry that we need to engage in, in addition to setting specific

16 standards, explicitly," exclamation mark. 17 18

And that note is in reference to my own reminder of the principles of the "New" School Finance approach.

MR. SIMMONS: Can we go off the record? Want to take another quick break.

(Discussion off the record.)

24 MR. SIMMONS: I have finished my line of questioning. There may be an off-chance that I have Page 546 Page 548

just a couple of follow-ups, but I highly doubt that, so we will hand it over to counsel for the 3 State Agency Defendants.

4 MS. LHAMON: If you think you might have 5 follow-up, go ahead and take the time now to assess 6 that.

MR. SIMMONS: I just mean based on questions provided by the other folks. That's why I don't suspect there will be.

MS. LHAMON: There will be.

MR. SIMMONS: There will be, but as far as 11 12 I know I have finished every question that I have up 13 to this point.

MS. LHAMON: Thanks.

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# **EXAMINATION**

BY MS. GIORGI:

17 18 Q Hello, Mr. Huerta, I'm Suzanne Giorgi, and I represent the State Superintendent, the State 19 Department of Education, and the State Board of 21 Education. 22 When we started this deposition, 23 Mr. Simmons went through some advisements, ground 24

Do you recall those advisements?

1 discuss your deposition with anyone?

A Last night, no.

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Q This morning, before we started?

4 A This morning, I only asked Catherine -- I 5 don't recall what I asked Catherine.

6 MS. LHAMON: Fascinating.

7 BY MS. GIORGI:

> Q What I would like do is start with Exhibit No. 1, which is the Grubb and Goe report.

10 Specifically in the back there's a list of references; the first document identified by an 11 author, last name of Adams, 1997. 12

> Yes. Α

Q Is this a document that you relied on in reaching your opinions that you have expressed during this deposition?

A That is a document that we relied on to compile the -- some of the facts of the expert report.

Q Do you recall which facts?

21 A The Adams citation there refers to some of 22 the work that we referenced that describes the

23 Kentucky education reform mat, which is in the

latter part of the report, I believe in section 3. 24

And that's a document that is publicly available and 25

Page 547

A Yes.

And I ask that you afford the same to me; that if you don't understand a question that I've asked you, that you will let me know.

Will you do that?

A Yes.

Q Also, if a question is ambiguous, I'll try to rephrase it, clarify it, because what I want is your best, your fullest recollection and truthful answer to the question.

Will you be able to do that for me?

12 A Yes.

13 Q If you don't have specific information that will answer the question, but you do have some 15 information, will you provide that information to 16

A Yes.

Q I'm not asking you to guess. We only want to know what you know, what your opinions are. And you'll do that for me?

A Yes.

22 Q At the break, did you discuss your 23 deposition with anyone?

24 A No.

25 Q Last night, before we started, did you 1 published by, I believe it's the National Center for

Education Statistics from the Department of 3 Education, the Federal Department of Education.

4 Q And what type of article is it? Is it 5 research, quantitative, qualitative?

A It's a research article. I don't recall 6 specifically if it involved more of a conceptual 7 8 frame approach or review of the Kentucky experience. I would have to go back specifically and review it.

9 10 The next article appears to be by the same

11 author, with someone else.

> Yes. Α

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13 0 And did you -- excuse me -- rely on this 14 article?

15 A This was an article that we relied on for the purpose of writing the report. 16 17

Q Did you rely upon it in any of the opinions that you gave during this deposition?

A If I referenced Kentucky and some of the information that we described from Kentucky, this was probably an article that was probably relied upon to support what we described in the Kentucky example.

24 Q And what type of article is this?

25 A This is a journal article that was

Page 550 Page 552

- published in the Educational Evaluation and Policy Analysis, which is known as a tier 1 journal in 3 education policy.
  - Q Was it descriptive or was it original research?
  - A If it appeared in Educational Evaluation and Policy Analysis, it's most likely that it was based on empirical evidence.
  - Q What do you mean by that, "empirical evidence"?
- A I mean that the authors most likely relied 11 on data either collected by themselves or other data 12 13 to draw their conclusions.

14 MS. LHAMON: Dr. Huerta, I just want to remind you that Suzanne is not asking for an 15 estimation. She's asking for what you actually remember. I'm only reminding you because you said 17 it's most likely that it relied on something.

BY MS. GIORGI: 19

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20 Q Did you want to change your answer? 21

A I don't understand the difference.

MS. LHAMON: I believe Ms. Giorgi's questions are about what you remember about the references listed on page 74 of Exhibit 1. And if you have a memory about whether something was based 1 Q And what relevance does this article have to the paper provided by Grubb and Goe? 3

A This is an article that, again, is referenced in a section of the report. I would have to go back to the report and find specifically where we reference this article, but as the title states, it looks specifically at issues of teacher peer review.

9 Q Okay. I believe it was in footnote 43 on 10 page 64.

A I'm there. Repeat the question, please.

O Is the purpose of that citation here to be illustrative?

14 A Yes. That's a reference that refers to an 15 article written by Mr. Archer, a report from Education Week, who had written a small piece on the 16 proposal, or actually -- it was actually on 17 Proposition 8, if I recall correctly, which is a 18 proposition by Governor Wilson back in 1990 -- I 19 20 don't know if it was Governor Wilson or Governor 21 Davis -- which was a proposal to have a statewide 22 inspection system. The proposition failed.

Q And the purpose for that citation in this 23 paper, that you know of? 24

A That citation provided -- it was provided

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on empirical research or descriptive or anything

else, you should certainly respond. If you are estimating based on the publication, that's not the

question you have been asked so far. 5

THE WITNESS: Okav.

BY MS. GIORGI:

- Q Let's go to the third one down. I think it's Ancess.
- A Yes.
- 10 O Did you rely on this article for the opinions you have provided us today or this week? 11
- A For the opinions that I've provided in the 12 13 deposition this week, no.
- 14 Q Is this -- what relevance does this article have to the report that was provided by 15 Grubb and Goe? 16
  - A This is an article that was referenced in section 3, I believe, in reference to the school quality review program from New York state, state of New York.
- 21 O Then the next author is Archer, a 1999 22 publication. Did you rely on this article in 23 rendering any of the opinions that you have given during this deposition? 24
- 25 A No.

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as an illustrative example of a proposal that was similar to the inspection system that we reference 3

in footnote 43, which speaks to not only the inspection systems that are in place in other 5

states, but also the England model.

Q Is it your position that you recommend that the legislation he vetoed should not have been vetoed?

9 MS. LHAMON: Lacks foundation.

10 THE WITNESS: Correct.

11 BY MS. GIORGI:

12 Q Is it your position that Governor Wilson's 13 establishment of the office of chief inspector 14 should have been established?

MS. LHAMON: Lacks foundation.

16 THE WITNESS: Are you asking me if I voted 17 yes or no on the proposition?

18 BY MS. GIORGI:

> Q I'm asking you for your professional opinion as to whether or not that should have been established.

MS. LHAMON: Same objection.

23 THE WITNESS: In 1999, if I remember

24 correctly, when the proposition was on the ballot, I

voted no simply on the notion, personal opinion and

Page 554 Page 556

professional opinion, that the chief inspector model, which was proposed in Proposition 8, if I remember correctly the number of the proposition, is something I did not support as it was outlined. BY MS. GIORGI:

Q Then I'm going to go back to why did Grubb and Goe put that in here, in their report on footnote 43?

MS. LHAMON: Calls for speculation. BY MS. GIORGI:

Q If you know.

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A As you indicated, this is only -- this citation is provided only for descriptive reasons, in the spirit of footnote 43, which provides a variety of examples, inspector-like systems that are either in place or been proposed in states throughout the country and in England.

O Okay. I'll take you back to the 18 references, and I cannot pronounce the next name. 19 20

A John Augenblick.

21 Q A-u-g-e-n-b-l-i-c-k.

22 Did you rely on this article in rendering 23 your opinions during this deposition?

24 A I did not rely on the article in 25

preparation for the deposition. The article was

Yes. Yes. Α

2 Q Next author, I'm going to say Berne, 3 B-e-r-n-e, 1994 article.

A Yes.

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5 Q Did you rely on this article in rendering 6 your opinion during this deposition?

A I did not rely on it to render an opinion. However, it is an article referenced in the expert report which I -- which is cited.

Q And do you recall the purpose for which it was cited in the report?

A Yeah. The Berne paper identifies some of the early thinking in the 1990s which began to identify the so-called adequacy paradigm in school finance.

O And the purpose for it to be in the report?

A This was a citation which we used to both develop and support the "New" School Finance approach outlined in the report.

21 Q What did the Berne report add to your development of the "New" School Finance? 22

A I would have to return to the report to give you exact details of the particulars of what components it added to our "New" School Finance

Page 555

only referenced in the report.

Q Are you sure that it was mentioned in the report?

A If it's in the reference list of the report, ves. I would have to go back to the full report, if it was omitted from the report, but referenced in the bibliography, I'm sure that was only an inadvertent omission.

Q Okay. The next author is Austin, A-u-s-t-i-n, a 1979 publication.

Did you rely on this publication in rendering your opinions in this deposition?

A I did not rely on that citation for the purposes of the deposition, but that is an article that we relied on in writing the report, the expert

Q Could you explain how this article was relied on in the report?

MS. LHAMON: Vague and ambiguous.

20 THE WITNESS: I would have to go back and look exactly at what section of the report we 21 22 referenced this article.

23 BY MS. GIORGI:

24 Q Okay. And it's your assumption that it is in the article, correct?

conceptual frame.

2 Q So as you sit here today, you have no 3 recollection?

A I think my recollection is what I just stated, in that this was a report that identified some of the developing thinking on the so-called adequacy paradigm which was developing in the early 1990s, and that's the purpose of using that report.

Q Do you recall whether or not the Berne paper focused on any state development of adequacy?

A As the title indicates, it focused on 11 12 New York State.

13 Q Do you recall anything in which it 14 discussed about New York?

15 A As the title states, it discusses educational input and outcome inequities in the 16 17 state.

Q Does that help refresh your recollection as to what you may have garnered for developing your "New" School Finance?

21 A To the extent only that the discussion 22 about a focus on both input and outcome inequities 23 is relevant to the development of the "New" School 24 Finance framework.

25 Q Okay. We'll go down to the next article

Page 558 Page 560

by the same author, B-e-r-n-e, and Stiefel, S-t-i-e-f-e-l.

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research.

Did you rely on this article in rendering your opinion during this deposition?

A I did not rely on this article directly to prepare for the deposition. This is an article that we relied on in writing the expert report.

Q And how did you rely on this article in preparing this report?

A As the title indicates, measuring equity at the school level describes and identifies the idea of using the school level as the unit of analysis in developing "New" School Finance perspectives as opposed to district or state level distribution of resources.

Q The next article is by Boyd, B-o-y-d, and Hartman, H-a-r-t-m-a-n.

Did you rely on this article in rendering your opinion during this deposition?

A I did not rely on this article to render an opinion for the purposes of the deposition, but this is an article that is referenced in the expert report. Specifically, this article looked at the -it's a review of educational production function of production model?

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A The Boyd and Hartman report, as I indicated, is a review of some of the education production function literature and was helpful in providing us some opinions on, as the title indicates, the politics of educational productivity.

Q Was it helpful in developing the various permutations of formulas that you produced?

A It may have been helpful. I would have to return to the article and look at it specifically.

Q I believe the next article is Brown, 1998.

A Yes.

Q Did you rely on this article in rendering your opinion today or during this deposition?

A I did not rely on that article for the purposes of rendering an opinion in the deposition, but that is an article we relied on for the expert report.

Q And how did you rely on it in the preparation of the expert report?

MS. LHAMON: This calls for speculation as to the preparation of the expert report, which Dr. Huerta did not draft, so rather than doing this for all the questions, any time you ask about the

25 preparation of the expert report, I would like to

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MS. LHAMON: In view of the fact there's about 78 pages of references, do you want us to just go through these and identify the ones Dr. Huerta did rely in rendering his opinions for this deposition?

MS. GIORGI: Actually, some of these are not in the report, so I'm kind of curious as to why they're here, if he knows.

MS. LHAMON: Do you want to ask about those specifically, rather than all of those?

MS. GIORGI: No. I also want to know what he has relied on.

MS. LHAMON: Okay.

THE WITNESS: When you indicate they're not referenced in the report --

16 BY MS. GIORGI:

17 Q Well, let's just say I couldn't find them 18 in the report.

A But that doesn't mean necessarily they're not in the report.

Q Well, during your lunch break, you can go through and see if you can find them all.

A Nope.

Q How was the Boyd and Hartman article useful in preparing the expert report on the aspect

have a continuing objection it calls for speculation.

MS. GIORGI: Okay. Then could you read back his last answer so I can ask a follow-up to it? (The answer was read as follows:)

"A I did not rely on that article for the purposes of rendering an opinion in the deposition, but that is an article we relied on for the expert report."

11 BY MS. GIORGI:

12 Q Mr. Huerta, how do you know this was an 13 article that was relied on in preparation of the 14 expert report? 15 A Because if I recall correctly, this is an

A Because if I recall correctly, this is an article which I have reviewed in the past and which is consistent with some of the work that is reflected in the expert report.

I will remind you, it's important to remember that I was a co-author of an earlier draft, which developed "New" School Finance approach from -- which the expert report relied heavily on.

23 Q The next article is Brown -- by Brown and 24 Saks, S-a-k-s.

Did you rely upon that article in

Page 562 Page 564

- rendering your opinion today or this deposition?
  - A Same answer to the last question.
    - Q I'm sorry. And what is that?
- 4 A Can you please read that back? 5

(The answer was read as follows:)

- 6 "A I did not rely on that article 7 for the purposes of rendering an 8 opinion in the deposition, but that
- 9 is an article we relied on for the 10 expert report."

BY MS. GIORGI: 11

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- 12 Q And how is it relied upon in the expert report? 13
- 14 A That specific article looks at, as the title indicates, the microeconomics of the 15 16 allocation of teachers' time and student learning.
  - O And my question was how was it relied upon in the expert report.
  - A That article was referenced in the context of looking at how methodological approaches used by teachers may be related to student outcomes.
- 22 Q And you're assuming that it is referenced 23 in the Goe and Grubb report, correct?
- A I'm assuming that if it's in the reference 24 25 sheet, it would be directly referenced in text of

1 expert report." BY MS. GIORGI:

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- Q How do you know that it was relied upon for the expert report?
- A Because that's an article that I have 6 reviewed, and it's an article which was both -- used both in the earlier Straw into Gold report and in this expert report to help shape some of our opinions and our conceptual frame. 10
  - Q And how was this article used to shape your opinions and conceptual framework?
  - A Specifically I would have to go look and return to the report and find the context in which we used this article.
    - Q At this point in time, you don't have any recollection?
- A I don't have the exact recollection. It's important to remember that we probably list over a 18 hundred articles, and I certainly don't have the 19 20 memory to cite the verse of every single one of the 21 reports in the reference list. 22
  - Q Okay. On the next article, Camp, C-a-m-p, Thompson, T-h-o-m-p-s-o-n, and Crain, C-r-a-i-n, did you rely upon this article in rendering your opinion during this deposition?

Page 563

the report. If it is not directly referenced, I

- am -- it's fair to assume that it was an oversight on the part of Grubb and Goe.
- 4 Q Oversight in its failure to be included in 5 the text of the report?
- 6 A Perhaps.
- 7 Q Or perhaps what else?
- 8 A It may be an oversight you did not catch 9 when you reviewed the report as well. Everything's 10 possible.
- Q The next article is by Callahan, 11 12 C-a-l-l-a-h-a-n.

Did you rely upon that article in rendering your opinion during this deposition?

- A Same answer as the previous question.
- Q I believe that means your answer is you did not rely on it for rendering an opinion in this deposition, but you may have read it some time ago?
- 19 A No, that's not what the answer was. 20 Could you repeat the answer, please? 21 (The answer was read as follows:) 22 "A I did not rely on that article 23 for the purposes of rendering an 24 opinion in the deposition, but that 25 is an article we relied on for the

- 1 A I provide the same answer again as the 2 previous.
- 3 Q And that is that you did not rely upon it in rendering your opinion? 5
  - A For the purposes of the deposition: but it was an article that was relied upon in the development of the expert report.
  - Q And how was it used in the development of the expert report?
  - A This specific article looks at issues of equity and inequities of resource distribution within districts, as well as issues related to desegregation and how that may be related to resources or resource distribution at district levels.
  - Q Why is that concept important to the development of the "New" School Finance?
  - A This article was referenced in our discussion most likely of issues relying on dollar equity across and within districts.
  - Q The next article is by Card, C-a-r-d, and Krueger, K-r-u-e-g-e-r.
- 23 Was this article relied upon or did you 24 rely upon this article in rendering your opinions 25 during this deposition?

Page 566 Page 568

- Again, I'll reference you to the same answer that I've provided for all the other
- Q And how was this article relied upon in preparing the expert report?
- A This is an article that is referenced in -- actually, before I answer that question, are you implying that this article is not referenced in the report? Did you find this article referenced in the report?

O Yes.

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- A This article was used in reference to looking at how resources matter and the long-term effects on individual returns; looking at how students who attended schools with varying levels of resources, over time, what the return on education has been for them.
  - Q And do you recall what the return was?
- A I would have to go back and look specifically at the article to give you an exact.
- 21 Q In footnote 24, it cites this and the last 22 part of the sentence says, "But this, too, yields 23 ambiguous results."

Could you explain to me what is meant by 24 25 that?

refers to our opinion, which is intended to be a critique of the results of Card and Krueger.

Q So it's your opinion that their methodology was flawed?

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5 A It's our opinion that while the study employed strong methodology, whether the methodology 6 7 was consistent over time is not clear.

Q Do you recall whether or not these flawed results or ambiguous results showed that increased spending equaled increased yields?

A I would have to go back to the article to give you an exact answer.

Q So you have no recollection at this time?

A Without the article in front of me, I wouldn't want to give you an exact answer.

Q I'm going to go back to the reference list. The next article is by Clark and Lotto, L-o-t-t-o, and A-s-t-u-t-o.

Did you rely upon this article in rendering your opinion during this deposition?

21 A Not in rendering my opinion for the 22 deposition, but it was an article we relied on to -for the expert report. 23

Q In what aspect did you rely upon it for the expert report?

Page 567

- A It's important to know that that article is referring to not the citation that we're speaking about. It does not refer to the citation we're speaking about.
  - Q Ah, is it the next one?
- 6 A Yep.
- 7 Q It's footnote 24, and it says, paren,

8 "Card and Krueger, 1996." And you're right, it's 9 the next article.

Nevertheless, could you explain to me what that last half of the sentence means on footnote 24?

- A Can you repeat what section of the footnote you're referring to?
- Q After the comma it says, "But this, too, 15 yields ambiguous results."
  - A As the footnote indicates, it's referring to the evidence and conclusions reported by Card and Krueger that looked at how school spending by state was related to subsequent earnings of individuals. We indicate that the results are ambiguous to the
- 20 21 extent that some of the methodology used in that
- 22 article was not consistent over time.
- 23 Q So the ambiguous results is an error by 24 Card and Krueger in their methodology?
- 25 A Our statement of ambiguous results only

- A The work by Lotto, Clark and Astuto is a report of effective schools and the effective schools' literature that was developing throughout the late '70s and early 1980s.
- O And how did reviewing that literature assist in the development of the "New" School Finance there?
- A We referred to this article in the context of how past literature has identified so-called effective school characteristics.
- O And the effective school characteristics is a 1980s reform? 12 13
  - A The effective schools literature is a line of -- is a literature that was developed in the late '70s and early '80s.
  - Q Was it part of the educational reform in the '80s to try to identify effective schools?
  - A In the late 1980s, many states, including the federal government, attempted to implement so-called effective school characteristics in schools across the states and the country.
  - And was that reform successful? MS. LHAMON: Vague and ambiguous. THE WITNESS: One of the critiques of the effective schools approach has been that the

Page 570

implementation or attempt to implement effective schools' characteristics, independent of a needs assessment and independent of an assessment of school culture, governance administration and the like, is extremely difficult to employ and in many ways was not generalizable.

Q When you say "not generalizable," what do vou mean?

A Specifically a -- following a formula, the effective schools in trying to apply culture and other characteristics is not a -- is generally not a good approach to implementing policy.

O Could it be characterized as that one-size-fits-all type model?

A That is some -- that is a phrase I have heard in reference to the effective schools literature.

Q In your "New" School Finance, you're identifying best practices. How are best practices different from the ideas that came up that were developed during the effective schools reform?

MS. LHAMON: Overbroad.

23 THE WITNESS: We haven't identified best 24 practices explicitly, so I wouldn't render an 25 opinion on that.

comprehensive assessment, employing or engaging in a compressive assessment that would allow us to 3 identify the school characteristics of each school. BY MS. GIORGI:

5 O Do you envision an assortment of best 6 practices, which are then characterized or 7 delineated to specific types of characteristics of 8 schools?

MS. LHAMON: Vague and ambiguous. THE WITNESS: It's fair to assume that assessment of best practices across the state would produce a wide variety of best practices that are employed. How those best practices are then converted or applied to schools which may need further assistance is something that we do not know until we engage in the process of assessing needs. BY MS. GIORGI:

Q But you're of the opinion that these best practices are going to be different than the practices identified in the late '80s effective school reform?

MS. LHAMON: Calls for speculation. THE WITNESS: I have no idea. Engaging in any assessment that is necessary to identify that is foremost -- is of foremost importance.

Page 571

## BY MS. GIORGI:

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Q How are best practices going to be identified?

A Through a comprehensive assessment both of local needs and a comprehensive assessment of how effective schools today in California are using their resources or employing specific teaching methodologies and the like, as well as an assessment of school culture and school characteristics, among a variety of other variables.

Q And how are these best practices developed, as you just described, going to assist schools in the "New" School Finance?

A In the context of the "New" School Finance framework, it would assist us in identifying how some schools may be using resources effectively to the end of increase in student achievement.

Q So it is not your understanding that these best practices will be imposed upon ineffective school districts?

MS. LHAMON: Vague and ambiguous as "imposed upon."

THE WITNESS: It is not part of the "New" School Finance formula to impose or prescribe

so-called best practices without first having a

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# BY MS. GIORGI:

Q I'm going to go back to the reference list. I believe we're now on Clune, C-l-u-n-e. Did you rely upon this article in

rendering your opinion during this deposition?

A I did not rely on this opinion (sic) to -what's my previous answer to that question?

(The answer was read as follows:) "A I did not rely on that article for the purposes of rendering an opinion in the deposition, but that is an article we relied on for the expert report."

THE WITNESS: That's my answer.

15 BY MS. GIORGI:

> Q What aspect of that report is being used or is being relied upon in the report by Grubb and Goe?

Which article are we on, Clune, '94? Α

20 O Yes.

> The article by William Clune is an important article that -- in the new adequacy literature, which began to identify approaches to shifting from identifying equity based on

25 educational outputs, not solely on educational

Page 574 Page 576

1 inputs.

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Q Does it identify which outputs, or do you recall which outputs this is focused upon?

A I don't recall the specific outputs that that article referred to. I would need to review the article to give you specific examples.

Q Going down to the next author, it's Cohen, C-o-h-e-n, a 1996 publication.

Did you rely upon this publication in rendering your opinion during this deposition?

A I'll refer you back to the same answer for the same question on the record.

Q So you did not rely on this article in rendering your opinion during this deposition?

A Correct, but I did rely on it for -- it was relied upon for the drafting of the expert report.

Q And which aspect of this article was relied upon in developing the Grubb and Goe report?

A The work by David Cohen is a review of some of the different standard-based approaches that were being employed by states across the country in the early '90s.

Q Is this report -- if I said "landscape," would you understand what I meant? Does it describe

focus on the teacher's use of resources in the classroom?

A Yes.

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Q And how does it rely upon the teacher's use of resources in the classroom?

A The conceptual frame of the "New" School Finance would assess how schools which are distributing resources to classrooms and how those resources were being used within the classroom towards the end of increase in student achievement.

Q In performing the assessment you call for under the "New" School Finance, are you envisioning whoever performs that assessment going into individual classrooms to assess the teacher's use of resources.

A Yes, that would be a necessary component.

Q And how would these assessors determine the teacher's use of the resources?

A By identifying the resources that are available in classrooms; by identifying the extent of how teachers rely on those resources; and by also identifying the extent of the effect of those resources on student learning.

Q And how are they to determine whether or not a resource is available?

Page 575

various practices, or is it more of a qualitative report?

MS. LHAMON: Vague and ambiguous. THE WITNESS: My recollection is that this report does engage in some general description of programs across the states. BY MS. GIORGI:

Q The next article, also by Cohen and R-a-u-d-e-n-b-u-s-c-h and Ball, did you rely upon this document in rendering your opinion during this deposition?

A I refer you to the same answer for the same question on the record.

Q So you did not rely upon this article, correct?

A For the purposes of the deposition, no; but for the purposes of drafting the report, yes.

Q And what aspect of this document was used to produce the Grubb and Goe report?

A The work by Cohen, Raudenbusch and Ball is a conceptual piece, which speaks to how teachers use resources. Specifically it looks at the concept of inert versus active resources. O In performing the local assessment, as

Q In performing the local assessment, as recommended by the "New" School Finance, does it

Page 577

A Whether or not a resource is available?
O That's right.

A By accounting for what resources actually exist in a classroom.

Q If it was, let's say in high school, a literature book that is in the library that the children may not be needing at that moment, but maybe need later in the semester, would that book count as being available?

A If it's available to students and it's available to all students when they need it, we could classify that as a resource that is available. If it's available to only one student, we might classify it as a resource that has limited availability.

Q Again, how will this group determine what is or is not available?

MS. LHAMON: Asked and answered. THE WITNESS: I've answered that.

20 BY MS. GIORGI:

Q If there is a room with lots of books that are not being used, how will this team determine whether or not these books are available?

MS. LHAMON: Vague and ambiguous.
 THE WITNESS: I don't understand your

Page 578 Page 580

1 question.

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BY MS. GIORGI:

Q How is the team going to determine whether books being stored are available to students?

MS. LHAMON: The question is still vague and ambiguous. Do you mean through what process, or should they count, or is the presence of books --

MS. GIORGI: I have absolutely no idea how the team intends to assess this. That's why I'm asking the question.

MS. LHAMON: Vague and ambiguous.

THE WITNESS: You'll recall the "New"

13 School Finance framework calls for not only what the

14 availability of resources are, but also how these

15 resources are being used. If resources are stored

16 in a stockroom or if resources are stored on a shelf

17 in the classroom, those resources may be available;

18 but if those resources are not being used in

19 instruction, then obviously those resources are not

20 being used.

21 BY MS. GIORGI:

22 Q How are these assessment teams to

23 determine what is being used?

MS. LHAMON: Vague and ambiguous.

25 THE WITNESS: By engaging in field work

in the 180 some days of instruction in a school, but rather would rely on the observations made during a certain time frame when these researchers were actually visiting the schools.

Q Would they make inquiry of the teacher? MS. LHAMON: Calls for speculation. THE WITNESS: Inquiry of the teacher of

what?

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BY MS. GIORGI:

Q Their intended use of the resources.

A Certainly a well-planned methodology in looking at resource use in the classrooms would involve an interview of teachers, perhaps look at their planned curriculum, as well as the curriculum we've already engaged in prior to the visits. The development of the exact protocols and methodology for this approach is obviously something that would be developed in attempting to engage in this sort of wide-scale assessment.

Q You also said a necessary component was the effect that these materials would have on the children's achievement, correct?

A Correct.

Q And how would these assessment teams determine the effect of the resources available?

Page 579

that would observe how resources are being used. BY MS. GIORGI:

Q In a hypothetical high school English class, which may be reading Macbeth after they're finished with Catcher in the Rye, how would the team know that Macbeth was going to be used?

MS. LHAMON: Calls for speculation.

Incomplete hypothetical.

9 THE WITNESS: I don't understand your 10 hypothetical.

11 BY MS. GIORGI:

Q Am I correct that the assessment team will visually assess what is being used in the classroom when they're there observing?

MS. LHAMON: Vague and ambiguous. Do you mean only visually assess, or is that one component?

THE WITNESS: Any good researcher that engages in the assessment of available resources

would not only look at how resources are being used but would engage in discovering how these resources

21 were actively being used or not.

22 BY MS. GIORGI:

Q Would they -- sorry?

24 Any -- any assessment would certainly not

be able to account for resources that are being used

1 MS. LHAMON: Vague and ambiguous.

THE WITNESS: Again, assessing the intended effect of the use of resources would have to be something better planned in the methodology, methodological approach for doing a wide-scale assessment. One example may be not only based on the teacher's assessment of how students are performing. Another tool would be the testing materials that are used to examine whether students are performing. There may be a variety of other assessments that can be used to determine whether --

what the effect may be on student learning.BY MS. GIORGI:

13 BY MS. GIORGI 14 O When you

Q When you identified testing materials, were you looking at what the tests -- test or the test results?

A If we were to rely on what a test -- if we are to rely on test results, it's important to know what the test tests as well.

Q Would you consider evaluating the children's test scores produced in the classroom versus a state-wide test? Would that be a focus?

MS. LHAMON: Vague as to consider.

THE WITNESS: That would depend on the quality of assessments that are created at the

Page 582 Page 584 1 1 student -- at the school level. The idea or the (The answer was read as follows:) 2 2 concept of using both school level assessment in "THE WITNESS: It would depend on 3 3 tandem with state level assessment is something that whether an assessment actually would not be consistent with -- something that would 4 exists, first of all, either at the 5 not be inconsistent with the "New" School Finance 5 school level or state level to --6 6 approach. that is used to assess student 7 7 BY MS. GIORGI: learning on that specific issue. 8 8 O How does one assess the effect on student There is a variety of other factors learning a resource may have? For example, the 9 that would obviously be involved in 10 influencing how -- what student 10 resource would be a biology lab, the worm thing, how would an assessor come to determine what effect that outcomes might be and how to assess 11 11 laboratory had on a child's learning? those outcomes." 12 12 MS. LHAMON: Vague and ambiguous. 13 THE WITNESS: And in reply to your 13 14 Incomplete hypothetical. No idea what the "worm 14 question, I would point you to the very last answer that I gave, which was the one that you read first 15 thing" is. 15 16 MS. GIORGI: Usually in high school 16 when... 17 biology, you dissect a worm. 17 Can we break for lunch? Anyone else want MS. LHAMON: Thank you. 18 18 to? 19 THE WITNESS: It would depend on whether 19 MR. SIMMONS: Sure. 20 an assessment actually exists, first of all, either 20 MS. GIORGI: Yeah. at the school level or state level to -- that is 21 MS. LHAMON: Come back in an hour. 21 used to assess student learning on that specific 22 22 MS. GIORGI: Okav. issue. There is a variety of other factors that 23 23 (The luncheon recess was taken at would obviously be involved in influencing how --24 24 12:23 p.m.) 25 what student outcomes might be and how to assess 25 Page 583 Page 585 APPEARANCES OF COUNSEL: those outcomes. 1 1 2 (P.M. SESSION) 2 BY MS. GIORGI: 3 3 Q When you say "student outcomes," what do you mean by that? 4 SHAUN SIMMONS, ESQ. 5 5 A Student outcomes as measured by tests: student outcomes as measured by any other assessment 6 6 JOHN S. POULOS, ESQ. 7 7 or evaluation of work that they've completed. 8 Q So if I understand you correctly, student 8 SUZANNE GIORGI, ESQ. 9 9 outcomes are dependent upon a variety of facts, and 10 the assessment of a student outcome adds another 10 N. EUGENE HILL, ESQ. 11 layer of variability or inexactness? 11 MS. LHAMON: Vague and ambiguous. 12 CATHERINE E. LHAMON, ESQ. 12 13 THE WITNESS: I don't understand your 13 14 14 JOHN NOLTE, INTERN question. 15 15 BY MS. GIORGI: O Am I correct that you said student 16 16 outcomes are produced on a variety of facts? 17 17 18 A Is that what I said? Can you repeat my 18 REPORTED BY: testimony? 19 19 20 (The answer was read as follows:) 20 LANA L. LOPER, RPR, CRR, CSR 9667, CCR 690 21 21 "A Student outcomes as measured by 22 22 tests; student outcomes as measured 23 by any other assessment or 23 24 evaluation of work that they've 24 25 25 completed."

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(The deposition of LUIS HUERTA was reconvened at 1:53 p.m.)

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# LUIS HUERTA,

the witness, having been previously administered an oath in accordance with CCP Section 2094, testified further as follows:

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# **EXAMINATION (CONTINUING)** BY MS. GIORGI:

- Q Mr. Huerta, during the lunch break, did 11 you discuss your deposition at all? 12
  - Yes, I did. Α
  - Q And what did you ask?
  - A I asked Catherine regarding your line of questioning and your reference to whether I used the various different citations in the bibliography or the extent to which I used these to prepare for deposition or to prepare -- or in preparation of the report. And we spoke about how I was interpreting your use of the word "relying on."

I do want to go on record to indicate that every piece -- every article that is referred to in the biography beginning on page 74 of the expert report is work that I have reviewed over the last

either from my library or from my university library that I have actually specifically read in 3 preparation for the deposition. But I'm emphasizing 5 again, this is literature that I'm very, very 6 familiar with and have used not only in this, in these, in the expert report and in the Straw into

specific article here that I have actually pulled

Gold report, but other work I've done. Q So why did you feel it was not necessary to review any of these documents prior to your deposition?

A Because I'm very familiar with these readings.

14 Q What I would like to do is go back and talk about the -- I think you've been calling them 15 full-scale assessments of the local schools as being 16 an essential element to the "New" School Finance 17 18 proposal. Is that correct? 19

MS. LHAMON: I think that slightly characterized it. I heard it as wide scale.

21 MS. GIORGI: Wide scale. That's all I 22 want to do, is clear up.

23 BY MS. GIORGI:

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Q Is that what you call it, a wide-scale assessment?

Page 587

perhaps ten years of my -- of my life, in the work that I do. It's work that I have relied on to formulate my ideas on things that I have published and things I've written about and things that I've 5 studied.

To the extent I used it for this report in -- I'm sorry. To the extent I used it in preparation for this deposition, I can't point to any one article that I have used in the last week or two or the last three months, when I was asked to become an expert for this case, which I reviewed specifically for the purposes of the deposition, so I wanted to be very clear on that. But it is work I have relied on to formulate the conceptual frame of the "New" School Finance that is in the expert report and that is outlined in the report on Straw into Gold.

Q Thank you. That's very helpful.

When you said that -- I guess for preparing for this deposition -- you had not reviewed it in the last three months, is that right, not reviewed those articles in the last three months?

A We have to look very closely to the reference list, but I do not think there is a

Page 589

A Yes.

And this is essentially to the foundation of your "New" School Finance, correct?

O And in answer to a question earlier today. is it my understanding that you currently have data at a district level, but that doesn't help you with the "New" School Finance?

MS. LHAMON: Vague and ambiguous. By "you," do you mean Dr. Huerta or anyone?

MS. GIORGI: In implementing his 12 framework.

MS. LHAMON: The question is still vague and ambiguous as to which data and what you're talking about.

16 BY MS. GIORGI:

Q Let me rephrase that then. Does the "New" 17 18 School Finance framework utilize district level 19 data?

A Can you further clarify? Are you asking whether -- can you further clarify that?

22 Q What types of data do you envision utilizing for the "New" School Finance? 23

24 A The "New" School Finance conceptual 25 framework would utilize not only state level data, Page 592

district and county level data, but most importantly 2 would rely on school level data.

One of the most important components of the "New" School Finance formula is that we are focusing on the school level as the unit of analysis, as opposed to traditional equity approaches in school finance that have focused mostly at state and district level as the unit of analysis.

10 Q When you say "state level data," what do you mean? 11

A State level data which provides aggregate descriptions of resource use in the case of school finance, and is absent in school level, and in many cases district level, description of resource use and distribution.

O Do you know if the state level data is available or not?

A Sure. We do have levels of aggregate state level data that is readily available from the California Department of Ed.

Q Do you envision the implementation of the "New" School Finance requiring the Department of Education to obtain different kinds of data?

25 A Yes.

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1 I am not aware of that.

Q In performing the assessments, do you envision the implementation of a "New" School Finance of involving the California Department of Education in performing those assessment?

MS. LHAMON: Calls for speculation. THE WITNESS: Can you restate the

8 question, please?

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9 BY MS. GIORGI:

> Q Restate it or just have it read back to you?

A Just have it read back first, please. (The question was read as follows:) "Q In performing the assessments, do you envision the implementation of a "New" School Finance of involving the California Department of Education in performing those assessment?"

THE WITNESS: The inclusion of state level actors in local level assessment, yes, will be a necessary component of doing wide-scale local assessment in coordination with both district level

24 and school level actors.

BY MS. GIORGI: 25

Page 591

Q Why would this be a necessary component?

Page 593

1 2 A Because one of the other important 3 components of the "New" School Finance conceptual frame is the creation and adoption of state level 5 output standards, as well as the creation of minimum 6

input standards that can potentially be created by 7 input from actors at all levels. 8

Q Do you envision the California Department of Education having a role in developing or identifying best practices?

MS. LHAMON: Calls for speculation.

THE WITNESS: I think actors from the state level would be involved in efforts that are coordinated together with county and district and local officials to begin the identification -- or to first begin the wide-scale assessments and the identification of possible best practices that may exist.

19 BY MS. GIORGI:

Q Do you envision a role in these assessments for the California Board of Education? MS. LHAMON: Same objection.

THE WITNESS: When I refer to "state level actors," and have been referring to "state level actors," I would include the opinions of actors from

Q At the state level?

Α Yes.

3 Q And what is that additional data you envision?

A The data that I've described, which would include both county and district level data, more detailed county and district level data and, more importantly, the school level data that is missing today.

Q Then I'll ask you, the district level data, does that data exist today?

A We do have, also in aggregate form, district level data, which in aggregate form reflects resource -- or patterns of resource use at that level.

Q Then the school level data that you're seeking, does that exist now at the school level?

Q So as far as you know, the schools are not collecting the data you envisioned as being necessary for the "New" School Finance?

A There might be particular schools that have taken it upon themselves to collect school

level data; however, in any concerted or organized 24

effort sponsored by either districts or state level,

Page 594 Page 596

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- the State School Board, from the California State School Board; that's what you asked, right?
- 3 BY MS. GIORGI:

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- Q Right, State Board of Education.
- A State Board of Education involved as well,
- either -- not necessarily as individuals in the
- field, but at least from the point of participating
- in review or analysis of the assessment that may be,
- the results of the assessment.
  - Q Do you envision a role for the State Superintendent in the implementation of "New" School Finance regarding assessments?
    - MS. LHAMON: Same objection.

14 THE WITNESS: Again, I think when I refer to state level actors, while it's not -- while the 15

"New" School Finance framework does not specifically 16

17 assign a role for actors at any level, the inclusion

of these important actors in different capacities 18

19 will be vital.

20 BY MS. GIORGI:

- 21 Q Do you have an understanding of the role
- 22 that the State Superintendent of Instruction has in
- 23 governance in California?
- A I understand that the State Superintendent 24
- 25 of Education or Instruction plays the role of a

with individuals at different levels of governance,

- from minor action with individuals in nearly all
- 3 levels of schools -- strike that -- my interaction
- with individuals that work in schools from the
- 5 school level to the state level, including the Board 6 of Education.
  - Q Could you describe for me what interaction you have had with the Board of Education? I'm talking about the State Board of Education.
  - A I have not had direct interaction with the board. However, I know individuals that serve on the board.
    - And who are they? Q
- 14 A Presently I know Reed Hastings. 15
  - Q I'm sorry. Lee?
- A Reed Hastings, who I believe is still 16 serving as the president of the board. 17
  - Q Anybody else?
- 19 A At this point, he's the only person I know 20 on the board.
- Q How do you know Mr. Hastings? 21 22
  - A We met at a conference eight years ago,
- which I helped sponsor with other colleagues on 23
- charter schools. And we've stayed in touch, served 24
- on a variety of panels at different conferences on 25

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- leader at the state level, and is involved in not
- only issue of governance and policy related to that,
- 3 in addition to the entire gamut of policy
- initiatives that affect schools.
  - O Do you have an understanding as to the role the Board of Education has in the governance of educational policies in California?
- 8 A The role of the board is also to provide 9 leadership and guidance for policy affecting schools 10 in the state.
  - Q And the Department of Education, what is your understanding of its role in the governance of California's education?
  - A The role of the Department of Education also encompasses the two roles that I previously described, as well as oversight of all policy related to education in California.
  - Q And what is the basis of your opinion that you just expressed?
- 20 A My knowledge, my working knowledge of the role of these different levels of governance. 21
- 22 Q And the basis of this working knowledge is 23 the research you have performed in the last probably 24 11 years?
- 25 A Not only the research, but my interaction

- the issue of charter schools.
- Q When was your last contact with
- 3 Mr. Hastings?
- 4 A I spoke to him at an education conference 5 at Stanford University last spring.
- And what did you discuss with him? 6
  - I do not remember.
- 8 Q Do you remember if it was social or work 9 related?
- 10 A I think it was social and research related in the context of my work in charter schools in 11 12 California.
- 13 Q Have you ever had a conversation with 14 Mr. Hastings regarding the Williams lawsuit?
  - A No.
- 16 Have you ever had a conversation with 17
  - Mr. Hastings discussing your "New" School Finance framework?
- 18 19 A No.
- O Have you had a discussion with 20
- Mr. Hastings that would have any impact on the 21
- 22 opinions you have given during this deposition?
- 23 A No. 24
  - Q Do you know any members of the Board of
- 25 Education that no longer are board --

Page 598 Page 600

- 1 Α No.
- 2 O -- former Board of Education members?
- 3 A Not that I know.
- 4 Q Is that the extent of your interaction
- 5 with the State Board of Education?
  - A Yes.

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- 7 Q With the California Department of
- Education, could you describe what contacts you've 8
- 9 had with them?
- 10 A I've had a variety of contacts with many individuals at the State Department of Education 12 related to my work in charter schools in California.
- 13 Q Have you had any contact with any 14 individual with the California Department of
- Education in which you discussed issues raised by 15
- 16 the Williams case?
  - A No.
- 18 Q With your work in the charter school, did
- 19 the California Department of Education provide you
- 20 with information?
- A Yes. 21
- 22 O What kind of information?
- 23 A General data from some of the preliminary
- data collection efforts in regard to charter 24
- schools; various interviews that I conducted with 25

- with Mr. Hart, did you discuss the issues raised in the Williams case?
  - A No.

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- 4 Q Do you recall what was, I guess, the focus 5 of your interaction?
- 6 A My interaction with Mr. Hart was in 7 relation to my work on charter schools.
  - Q Have you had any interactions such as providing history at a legislative session?
    - A Yes.
- O And could you describe that for me, 11 12 please?
- 13 MS. LHAMON: Just for clarification, are 14 you asking separate from what he testified to, or do you want him to go back over that testimony again. 15
- 16 MS. GIORGI: I don't recall his testimony 17 on legislation.
- 18 THE WITNESS: I testified -- whoops.
- 19 Those are yours.
  - MS. LHAMON: I'll share.
- 21 THE WITNESS: -- in reference to -- does
- 22 anybody have my CV handy?
- 23 MS. LHAMON: Exhibit 4.
- 24 THE WITNESS: Thanks.
- 25 I testified in February of 2000 to the

Page 599

Page 601

- different officials, which was also used as evidence; and data in some of the writing I have 2
- 3 done.

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- 4 That's about it.
  - O Have you had any other interactions with the California Department of Education, other than your discussions concerning the charter school?
- 8 A Not that I can recall.
- 9 Q Have you had any interactions with the
- 10 State Superintendent, current and former?
- 11 Yes. 12
  - O And could you describe that interaction?
- 13 A I've had interaction with former state --
- I'm sorry, not superintendent. He was a -- I have
- had interactions with Gary Hart, who was the 15
- 16 former -- help me out.
- 17 MR. HILL: Secretary?
  - THE WITNESS: Secretary of Education.
- 19 MS. LHAMON: Testing us all now in civic
- 20 class.

18

- 21 THE WITNESS: I was wondering if that 22 office still exists.
- 23 MR. HILL: It still exists.
- 24 BY MS. GIORGI:
- 25 Q And in your discussions or interactions

- California State Legislature select committee on
- school funding reform. The title of my testimony
- 3 was "National Perspectives on Educational Adequacy."
- And that was testimony that I gave, together with my
- 5 colleague Neal Finkelstein.
- BY MS. GIORGI: 6
- 7 Q How did it come about that -- I assume you 8 were asked to testify before that committee.
- 9 A I'm assuming that an individual at the
- 10 legislature had either read about or had actually
- read a previous publication, which was beginning
- to -- which had been published or was developing --12
- 13 that was published in a Policy Analysis for
- 14 California Education, entitled "Crucial Issues in
- California Education 2000," or perhaps an individual 15
- may have read a public comment I might have made and 16
- was printed in a newspaper in the state. 17 18
  - I don't know exactly where they found my work or my name, but I'm assuming that's where.
- 20 Q Did you have any understanding of the 21 purpose of why you were to testify?
- 22 A Yes. The objective of the committee at
- 23 the state legislature was to hear what different
- 24 experts that were exploring the issue of school
- finance reform could bring to the table and present

Page 602 Page 604

to the legislature.

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Q Do you have an understanding of what this committee did with the information you gave them?

A It's my understanding that the select committee to which I testified was the precursor to the larger committee that was formed or that was formalized under the joint committee. Let me give you an exact title.

Hmm. It's not on my CV.

10 Q If I just call it the master plan --

There you go. 11

O -- that works? 12

13 Yeah. Α

14 Q Do you have any idea how many experts came to testify to that first committee, that precursor 15 to the master plan committee? 16

A There were several sessions for that committee where experts were invited to present -this is in the public record, but my estimate would probably be anywhere from ten to fifteen experts.

Other than being a precursor to the master plan committee, did anything else come out of that legislative session or that -- or those several sessions?

MS. LHAMON: Calls for speculation.

1 which I participated on school finance issues was to begin exploring different options on possible school 3 reform or possible reform in the school finance 4 formula in California.

Q Was the master plan committee split into subissues, one of which was school finance issues?

A Yes. There was a variety of subcommittees. The work group which I was a part of dealt with -- one group dealt with the school 10 finance formula. The other group dealt with the facilities issue. I was part of the school finance 12 formula group.

Q And do you recall who else was on that work group?

A There was a group -- the subcommittee group was comprised of probably ten to fifteen other individuals.

18 Q And do you recall the names of any of 19 these individuals?

20 A Oh, well, I can name some of them, but 21 it's all in public records. You want me to give you names? 22

Q If you have them. I'm just going to ask you what each individual's background, if they were a legislator, educator, a staffer for someone. I'm

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THE WITNESS: It's important to know that it's my understanding that may have been the precursor to the master plan committee. I don't know if the master plan committee had already been planned by then, if that's important at all. I don't know -- other than the compilation of the expert testimony by the committee, I don't know what resulted from the different committee hearings that actually occurred.

10 BY MS. GIORGI: 11

Q Okay. You were involved with the master plan committee, correct?

A Yes.

Q And could you tell me how you -- how it came about that you were involved with that?

A At that point, Norton Grubb, my colleague,

was invited to participate in the committee. And because of his time limitations, he requested that he and I split the appointment, which eventually --19 or split the invitation to participate, which eventually led to the formal invitation of me to be 22 on the committee.

O What was the purpose of the committee?

24 A As I understand, the purpose of the joint master plan was to specifically -- the committee on trying to get an idea what this working group was.

A Well, I'm first referring to the public record and report that was created, where descriptions of people's affiliations and what their backgrounds are given. But just off the top of my head, I know Mary Perry from EdSource was part of that group. She's a researcher of EdSource and has been for many years.

Larry Picus at USC was part of the group. He was a professor of education there, and has been for several decades, and has written extensively about school finance in California.

I would have to go back to the record to see what other individuals and colleagues of mine were there.

Q If you were to assess the background of these ten to fifteen individuals, would they all have similar backgrounds like you, experts in the field of education?

MS. LHAMON: Vague and ambiguous? THE WITNESS: I did not personally know all the individuals that participated in the subcommittee, which I was a part of, but in getting to know them during that period when I served on the committee, they were all experts in school finance.

Page 608

- Some had practitioning background. Some worked with
- associations, such as the Teachers Association or
- 3 the School Board Association. Others had an
- academic background, like myself. Others were state
- 5 level policy-makers.
- BY MS. GIORGI: 6

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- O When you say "state level policy-makers," do you mean elected officials?
- A I believe we did have a school board 9 member or two, so those would be local level 10 policy-makers. 11

We had individuals that worked at the State Department of Education.

I think that comprises all of them.

15 Q How did this working group organize 16 itself?

A I'm assuming this was the doing of the senate, joint committee, since that's who sponsored it. I'm assuming they compiled the experts and the 19 20 different committees.

Q How was the committee, itself, organized? MS. LHAMON: Vague as to "organized."

23 THE WITNESS: I have no idea.

BY MS. GIORGI: 24

25 Q Was there a leader? 1 agendas.

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Q Had the concept of school finance been broken out into subparts, and were those subparts the agenda?

A In some meetings, yes.

In any of those meetings, was it the goal or the objective of the meeting to reach consensus on some aspect of school finance reform?

A There was no goal of reaching consensus in particulars about reform. However, there was the goal of reaching consensus and what would be drafted in the master plan report, which the committee was charged as producing at the end of the sessions -at the end of the committee session, not each individual session.

O And how was the master plan report drafted? How was that organized?

A I believe that the sections that the subcommittee group I participated in was drafted by Mr. Ricketts and another individual. It's in the public record, but the drafting of this report was a product of the many discussions we had in committees.

Q Was a draft of the master plan report circulated and then responses to that draft --

Page 607

A Yes.

O And who was the leader? 3 A Mike Ricketts was one leader,

R-i-c-k-e-t-t-s. And I don't remember the name of the other leader.

6 Q And how did the working group identify 7 what it was going to work on?

8 A The working group had, I believe, commissioned some working papers on the issue of

school finance and school finance formula reform. 10

And for several of the committee meetings, we 12

discussed some of the findings and conceptual frames 13 that were presented in some of those papers.

14 Q Was there someone who took minutes during 15 these meetings?

A I hope so. Yes, there was. I don't know 16 17 who.

Q Was it a small group discussion, or was it a more formal, each person stood up and --

20 A Both. We employed a variety of formats, and each meeting employed a variety of communication 21 22 methods.

23 Q Was there a specified objective for each 24 meeting?

A There was agendas, yes. There were

Page 609

1 Yes.

> Q -- discussed?

3 Yes. Α

4 Q And do you recall what opinion, if any, 5 vou had of the drafts that were circulated?

A I don't recall.

Q Did you ever read the final master plan report that was issued out of your subgroup?

A I've perused the entire report, but I haven't read it in its entirety. I only received a copy of it, actually, about six weeks ago, even though it's been available for about six months.

Q Do you recall whether or not you agreed with some of the findings produced in that report?

15 MS. LHAMON: Vague as to --

16 BY MS. GIORGI:

Q Or maybe they were called recommendations.

A I would have to go back and look at some of the recommendations. As I indicated, I don't know what -- I haven't had an opportunity to review the final product of the committee, so as to supporting or not supporting what was actually produced in the final draft, I can't formulate an

24 opinion at this moment.

Q During those working group sessions, did

Page 610 Page 612

you or Dr. Grubb present your "New" School Financeworkshop or framework?

A Yes.

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Q And how was it received?

MS. LHAMON: Calls for speculation.

THE WITNESS: Our paper was one of many that was circulated among the committee, circulated for review. And it was integrated into some discussions of the committee and referred to. I would have to return and fully review the final draft of the committee's work to see how, if at all, it was received or integrated into the final report. BY MS. GIORGI:

Q Were there any discussions, specific, going to the aspect of your "New" School Finance framework, the assessment aspect?

A Not that I recall specifically.

Q Do you recall any discussions concerning the preliminary work that wide-scale assessment would be necessary?

21 A I don't recall specifically.

Q Do you recall reviewing the commissioned papers and what your thoughts were of them?

24 A I do -- I did review a few of the papers.

25 These papers were later published in a book that was

recall that what the specifics of that discussion would have been.

It's important to remember that during the discussions, we covered immense ground, looking at both history of school finance and present ideas that were developing in school finance.

Q Was there any discussion of essentially creating what I will vaguely call a shopping list, identifying all the costs with their associated price, that kind of a market aspect approach?

A There was, again, a discussion that referenced the Wyoming model. While it wasn't necessarily that I recall, reference to the shopping list vernacular, there was discussion that was consistent with the basket of goods approach consistent with Wyoming. I would have to go back to my notes to identify that or to the financial report of the master plan.

Q Do you recall any discussions about creating a quality model?

A There was discussion in reference to the quality model that is similar to what Oregon employs, yes.

Q Do you know whether the Public Policy Institute of California is currently doing research

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published by the Public Policy of the Institute of California. There were a variety of papers on a variety of different issues.

Q Can you recall whether or not any of those papers included a wide-scale assessment, as you've described for the "New" School Finance?

MS. LHAMON: Vague as to "wide-scale assessment." Do you mean included in one or an assessment of it?

10 BY MS. GIORGI:

Q If they discussed them at all.

A I don't recall specifically, but that doesn't mean some of the reports may actually contain that sort of framework or idea. I would have to go back and review.

Q Were some of the models that were discussed at the master plan work group that you were at creating a market basket model of the prices or the costs for education?

or the costs for education?

A That was the theme of some of the
discussions during the committee meetings, with
specific reference to the Wisconsin -- Wyoming
model, excuse me. There was some discussion as to
how or if to employ that sort of model in the
context of California. I don't remember -- I don't

Page 613 in creating a quality model?

A I have not spoken to any of my colleagues at the PPIC, so I don't know exactly what work they're engaged in right now. O Do you know that it was the intent for

Q Do you know that it was the intent for them to do that kind of work?

A When?

Q Through the master plan committee?

A I have no knowledge of what objectives they were provided when they were asked to commission some of the working papers that were produced in preparation for the master plan committee work.

Q Do you know whether or not they were commissioned to do the research on the quality model subsequent to the issuance of the master plan report?

A I have no -- I'll give the same answer to the last question.

By the way, I would refer you to, I believe -- one of the documents that I provided was the actual volume that I'm speaking of. Some of your questions may be answered in the preface of that book, as far as why that book was written. There's two publications from PPIC that I provided

There's two publications from TTTe that I provided

Page 614 Page 616

as -- earlier. I don't think they're part of the 2 exhibits that we have here.

No. That's PACE.

MS. LHAMON: Oh, that you provided to counsel, and that we then produced, but have not been made an exhibit?

THE WITNESS: Yeah.

THE REPORTER: Can we take a break?

MR. SIMMONS: Sure.

(Discussion off the record.)

BY MS. GIORGI: 11

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Q Mr. Huerta, I'm going to read you a statement. I'm going to ask you if you agree or disagree with this statement: "Because education is a richly human process, no system or combination of inputs can guarantee minimum outcomes or replace reasoned deliberation about what constitutes a quality education."

A I wouldn't comment on that without seeing the context in which that's written. If you share with me where you took the statement and maybe the few pages before and after, I might comment on it.

O So you do believe that a system or 23 24 combination of inputs can guarantee outcomes? 25

MS. LHAMON: Mischaracterizes testimony.

beginning of a formula which may be able to actually

fund specific levels of outputs. However,

3 without -- absent any data of what local needs are,

4 including characteristics of students and

5 organizational and governance models of schools, it

6 would be very difficult to provide a definite 7 opinion on that.

Q Is it your opinion that the inputs to provide a minimum outcome must be determined at the local level?

A It's my opinion, consistent with the "New" School Finance framework, that the identification and setting the level of inputs would involve both local level assessments, the professional judgment of both local level professionals, parents, community members, including teachers and administrators, as well as district, county level and state level actors that would be involved in formulating some definition of minimum inputs.

Q So is it your opinion at this time we cannot identify a system or combination of inputs that can guarantee a minimum of outcomes?

23 A It's my opinion in the context of 24 California, at least without a full wide-scale

assessment of what needs are, we cannot engage in

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THE WITNESS: Again, I wouldn't comment on the sentence that you read without seeing the context in which it was written. BY MS. GIORGI:

Q Do you have an opinion of whether a system or combination of inputs can guarantee a minimum of outcomes?

A If you're asking me in reference to what you just read, I don't have an opinion because I don't know the context in which it is written.

Q No. I'm actually trying to explore your opinions on adequacy-based reform.

A Okay. Can you restate the question? I'm sorry, Counsel.

MS. LHAMON: I'm sorry. I just said there 15 16 wasn't a question pending.

BY MS. GIORGI: 17

> Q Do you have an opinion whether or not a system or combination of inputs can guarantee minimum outcomes?

21 A I have an opinion that if we engage in a wide-scale assessment that would identify needs at 22 23 local levels, if we would engage in an assessment

24 that would also begin to provide estimated cost of

certain inputs and then fund to those inputs, is the

creating a formula that would provide a set level of outputs.

3 Q Would you agree with me that the 4 wide-scale assessment has not been performed yet?

A Yes. In California, ves.

Q And therefore, in California, no system or combination of inputs can currently be identified to guarantee a minimum outcome?

A Could you restate your question? I don't understand.

MS. GIORGI: I'm sorry. Could you read it 11 12 back?

> (The question was read as follows:) "Q And therefore, in California, no system or combination of inputs

15 16 can currently be identified to 17

guarantee a minimum outcome?" THE WITNESS: Again, consistent with the

framework of the "New" School Finance, absent any wide scale and full assessment of local needs, it would be very difficult to create a formula that

22 would set a certain level of inputs that would lead

23 to certain levels of outputs in California. We 24

simply do not have the data.

25 BY MS. GIORGI:

Page 618 Page 620

O Would you agree that resources and student performance are not related in a straightforward, systematic and measurable way?

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MS. LHAMON: Vague and ambiguous. THE WITNESS: Could you restate the question, please?

MS. GIORGI: Would you read it back, please?

(The question was read as follows:)

"Q Would you agree that resources and student performance are not related in a straightforward,

systematic and measurable way?"

THE WITNESS: It depends completely on the conditions at local levels. It would depend completely also on -- in addition, it would depend on level of resources, student abilities, and a very wide gamut of characteristics, including many of those that we've identified in the expert report; for example, the teaching conditions, governance models, so forth, that are employed at specific school levels. BY MS. GIORGI:

Q And this statement that I just read to you is consistent with your function models that we

different variables and subvariables that can be 3 contained in a formula, a regression formula, that ultimately can give us a clear picture between 5 relationship between resources and student outcomes. 6 It's in spirit with the model we created both in the expert report and in the Straw into Gold report. 8 These formulas are only illustrative in providing a more detailed identification of the limitations 10 which production functions have in fully identifying

all the resources and all the characteristics that

identify -- but are provided to reflect the many

play ultimately into student outcomes. Q Would you agree that the relationship between inputs and outputs may not be strong enough to guarantee high minimum outcomes through the reallocation of resources at the state level?

MS. LHAMON: Vague and ambiguous. THE WITNESS: I couldn't answer that question without first having a real account of what

20 local needs are.

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21 BY MS. GIORGI: 22

Q Would you agree that research on the relationship between school resources and student outcomes has been conducted intensively for almost four decades?

Page 619

discussed yesterday, correct?

MS. LHAMON: Vague and ambiguous. THE WITNESS: Can you restate your question? Rephrase your question using your prior question, please, so they'll be clear on what you're speaking to.

(The question was read as follows:)

"Q Would you agree that resources and student performance are not related in a straightforward, systematic and measurable way?"

BY MS. GIORGI: 12

> Q And this is consistent with the function models that we discussed yesterday, the production function? Is that the way it was phrased, "production"?

A I don't understand your question. Maybe you can rephrase the entire question, please.

Q The models that we went over yesterday involving resources and student outcomes, did those models identify a relationship in a straightforward, systematic and measurable way?

23 A The objective of the models that are 24 provided in the expert report are not intended to reflect or identify the direct relationship, but

Page 621

MS. LHAMON: Calls for speculation. THE WITNESS: While research that has

2 3 looked at the relationship between resources and

student outcomes has been conducted, I'm sure well 5 over four decades, the most intense period, using

your words, if you are referring to the period 6

during which most work was done, completed, has been 7

8 over the last two decades.

9 BY MS. GIORGI:

> Q Would you agree that school resources and the way that we measure them do not account for large systematic differences in school performances?

13 MS. LHAMON: Vague and ambiguous.

THE WITNESS: Could you restate the 14 15 question, please?

(The question was read as follows:)

"Q Would you agree that school resources and the way that we measure them do not account for large systematic differences in

school performances?"

22 THE WITNESS: That question doesn't make 23

sense.

24 BY MS. GIORGI:

25 Q So far we've been using resources, I Page 622 Page 624

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believe, as money and the things that it can buy; 2 would you agree?

A Yes.

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Q So if we were to compare two schools with similar dollar amounts and expenditures, that won't necessarily equal similar student performances, correct?

MS. LHAMON: Incomplete hypothetical. THE WITNESS: It would be nonsensical to only look at levels of inputs when comparing two schools and expect that there be similarities in the levels of outputs. The work over the last two decades has clearly indicated that inputs, which include a variety of characteristics both within school and among students, are in many different

BY MS. GIORGI: 17

> Q Would you agree that a student's socioeconomic status overshadows all school-related factors in determining student achievement?

A No, I would not agree with that.

ways related to student outcomes.

Q And why would you not agree?

23 A Because socioeconomic status is only one 24 characteristic among many others that can be related

to student outcomes. 25

powerful and consistent effects of family background."

Is that inconsistent with the answer you just gave me?

A Taken in context, that phrase is referring directly to -- give me a moment to read the paragraph, please, in the context.

8 Can you restate the question, please? MS. GIORGI: Could you read it back? 9 10 Thank you.

THE REPORTER: Shall I read the answer 11 12 before?

THE WITNESS: Could we go off record? Now, what happens when I say "strike that"? (Discussion off the record.)

MS. GIORGI: Read back the previous 16 17 question and answer.

18 (The record was read as follows:) 19 "Q Are you aware of any research in 20 your field that has demonstrated 21 that socioeconomic characteristics 22 or status seems to be a

23 predominantly -- a predominant factor in predicting student 24

25 outcomes?

Page 623

Q Are you aware of any research in your field that has demonstrated that socioeconomic 3 characteristics or status seems to be a predominantly -- a predominant factor in predicting 5 student outcomes? 6 MS. LHAMON: Vague and ambiguous as to

7 "predominant." 8

THE WITNESS: There are many research studies that have looked at or that have concluded -- strike that.

There are many research studies that have concluded that student characteristics, including socioeconomic status, are important characteristics that are related to student outcomes. However, there is work that also begins to focus on the many other characteristics that are also related to student outcomes.

Student characteristics exclusively are not the only characteristic that is related to student outcomes.

21 BY MS. GIORGI:

23 it's page 38, the first paragraph, the last half of 24 the sentence, "Because of the relatively small and

variable effects of school resources compared to the

Q Could you look at Exhibit 1? I believe

"MS. LHAMON: Vague and ambiguous as

2 to 'predominant.' 3 "THE WITNESS: There are many 4

research studies that have looked at or that have concluded -- strike

that.

7 "There are many research studies 8 that have concluded that student 9 characteristics, including

10 socioeconomic status, are important characteristics that are related to 11 student outcomes. However, there is 12 work that also begins to focus on 13

14 the many other characteristics that 15 are also related to student

16 outcomes.

17 "Student characteristics exclusively 18 are not the only characteristic that 19 is related to student outcomes."

20 THE WITNESS: Give me one moment. I'm 21 missing pages of my exhibit here.

22 Who took them?

23 MR. POULOS: Are you back on the record?

24 THE REPORTER: Uh-huh. 25

THE WITNESS: Here they are.

Page 626 Page 628

We're on page 38, right? 1 2 BY MS. GIORGI: 3 Q That's correct. There's, I think, a few 4 sentences, then a new paragraph that starts with, 5 "The finding." 6 A Can you read just the question part, 7 please? 8 (The question was read as follows:) 9 "Is that inconsistent with the 10 answer you just gave me?"

THE WITNESS: We're referring to what 11 12 part, again?

13 BY MS. GIORGI:

14 O The last half of the sentence after a 15 comma.

16 A And what was my previous answer; not the 17 one I asked you to strike, but the one before that actually -- the previous question and -- previous 18 19 question, please?

20 (The record was read as follows:) 21 "Q Are you aware of any research in vour field that has demonstrated 22 23 that socioeconomic characteristics 24 or status seems to be a

25 predominantly -- a predominant

1 referring to on page 38 refers directly to the research that I referenced that has shown that 3 student characteristics is one strong determinant of 4 school -- of student outcomes.

It's important to note that that sentence references or acknowledges the fact that some of that research which we're speaking of have drawn those conclusions. In no way is that phrase alone the only opinion of the role that student characteristics play in student outcomes.

BY MS. GIORGI: 11

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O How does the "New" School Finance framework address the problem of collective bargaining agreements and other labor market and policy considerations in obtaining credentialed and experienced teachers?

MS. LHAMON: Vague and ambiguous and assumes facts not in evidence that collective bargaining agreements, et cetera, would be a problem. Incomplete hypothetical.

THE WITNESS: In bringing local actors to the table to engage in wide-scale assessment-- needs assessment at local levels, it's fair to assume that the teachers union and other association officials would also be involved as stakeholders in the

Page 627

Page 629

factor in predicting student 1 2 outcomes? 3 "MS. LHAMON: Vague and ambiguous as 4

to 'predominant.' "THE WITNESS: There are many

research studies that have looked at or that have concluded -- strike that.

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"There are many research studies that have concluded that student

characteristics, including 11 12

socioeconomic status, are important

characteristics that are related to

student outcomes. However, there is work that also begins to focus on

15 the many other characteristics that 16

are also related to student 17

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19 "Student characteristics exclusively 20 are not the only characteristic that

is related to student outcomes."

22 "Is that inconsistent that

23 paragraph with the answer you just

24 gave me?"

THE WITNESS: The phrase which you're 25

identification and creation -- the identification of

local needs, along with the other officials that

3 we've -- that I've identified in other answers.

BY MS. GIORGI:

Q When you were a teacher, you also were involved as a union steward, correct?

A Yes.

Q In your actions as a steward and executive officer of the teachers union, were you ever involved in such a wide scale -- or an analysis of the needs at the local school?

A Not as I recall in the context of what we've been speaking about, no.

Q Did you have any experience as a steward or executive officer at the local teachers union in reaching consensus with school officials on identification of needs?

18 MS. LHAMON: Vague and ambiguous. 19 THE WITNESS: Yes.

20 BY MS. GIORGI:

O Could you describe that to me?

22 A As a union steward, I was involved in 23 negotiations for teacher contracts. As a union

24 steward, I was also involved in -- strike that. Let

25 me start over. Page 630 Page 632

As a union steward. I was involved in negotiations concerning teacher contracts. Teacher contract negotiations were directly related to issues dealing with teaching conditions for teachers. And my ability to communicate with local school boards what teaching conditions were did involve both gathering information at that level about teaching conditions and communicating that to school boards.

I was also involved in a variety of committees that looked at different teaching and learning programs in the district. The exact capacity or influence I had on those committees, I don't recall. That was 12, 15 years ago.

Q Would it have benefitted those negotiations to have had state officials involved?

MS. LHAMON: Calls for speculation. THE WITNESS: It would depend on the

19 specific situation.

20 BY MS. GIORGI:

21 Q In your "New" School Finance framework, in 22 negotiating what is or is not to be identified as a minimum standard, do you envision negotiations 23

similar to your negotiations of the teachers 24

contracts? 25

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1 stakeholders in the identification 2 and creation -- the identification 3 of local needs, along with the other 4 officials that we've -- that I've 5 identified in other answers." 6

THE WITNESS: That's my answer.

BY MS. GIORGI:

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Q In your experience as a steward and executive officer of a local teachers union, did you ever attend any of your local school board meetings?

11 A Numerous.

> O Did you ever attend one of those local school board meetings in which there was a contentious debate regarding the allocation of resources?

A Numerous.

O Do you think it would be beneficial to have state actors participate in those discussions and negotiations?

20 MS. LHAMON: Calls for speculation and 21 vague as to "beneficial."

THE WITNESS: Depends on the context.

23 BY MS. GIORGI:

Q You were a teacher in Parlier,

P-a-r-l-i-e-r? 25

Page 631

MS. LHAMON: Vague and ambiguous as to "similar."

THE WITNESS: I'm not prepared to compare negotiations that I was involved in 15 years ago in a context that is completely isolated and different than what we're speaking at to a creation of any "New" School Finance formula.

BY MS. GIORGI:

O Earlier you identified local actors who would be working in concert with state officials to determine the minimum standards. Were teachers or union members part of those local actors you were considering?

A I've answered that.

Q And was your answer yes?

A Can you read back my answer three 16 questions ago, please? 17

(The answer was read as follows:) "THE WITNESS: In bringing local actors to the table to engage in wide-scale assessment-- needs assessment at local levels, it's fair to assume that the teachers

24 union and other association

25 officials would also be involved as 1 A Yes.

2 How large is that school district? 3 MS. LHAMON: Vague as to time. Are you 4 asking now or when?

BY MS. GIORGI:

Q When you were there.

7 A I believe at that time that school 8 district had a population of approximately 2,000 9 students during the years of 1990 to 1996. 10

O Do you have an approximation of how many schools?

A We were a four-school school district.

Q How would you describe the school you were in? Was it overcrowded?

A The school I was in was extremely overcrowded. It employed a year-round calendar. It was a K-3 school that had well over a thousand students.

Q What was the next largest school in that district?

A It was the next level elementary school, which served students from grades 4 to 6, had a similar or a slightly smaller size population.

And was there a junior high? Q

25 Α Yes.

Page 634 Page 636

- 1 Q And how many students were in that?
- 2 A I don't know.
- 3 Q And was there a high school?
- 4 A Yes.
- 5 Q Where is -- I'm not pronouncing it right.
- 6 A Parlier.
- 7 O Parlier. Where is that located?
- 8 A In the beautiful Central Valley of
- 9 California, 20 miles southeast of Fresno. It's not 10 that beautiful.
  - Q On the first day, in answering some questions regarding, I think, school conditions, you identified your experience at this school as well as others.

Do you recall that discussion?

16 A Yes.

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- 17 Q Could you tell me what other schools you 18 were thinking of when you answered that?
- 19 A I, on many different occasions, visited 20 schools in my district where I taught. I visited 21 schools in the district in which I lived.
- Q Which was?
- 23 A Reedley Unified School District.
  - I visited numerous schools all over the
- 25 state, both mostly in my work as a researcher for

1 mean by that?

A I was also -- I was involved in planning meetings of different research efforts, including sharing co-principal investigator roles in some of

5 the research efforts. I was involved in

brainstorming meetings about methodological
 approaches, analysis of, data and other
 research-related activities.

Q And then as a research associate, you conducted your own independent research?

A Correct.

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12 Q And what research did you conduct, besides 13 charter -- let me -- were charter schools part of 14 the materials?

A One of my largest research projects was the work on chartered schools. I also did some research on vouchers, as well as research related to the "New" School Finance conceptual frame, in addition to other research, which I can't recall right now.

Q How is PACE funded?

A PACE is funded from a variety of different foundations in the Bay Area in California.

Q Does it receive any public money?

A It has received public money for some

Page 635

policy analysis for California education and my work in chartered schools as well.

Q When you would go to Reedley School District and visit schools there, what was your purpose of your visit?

A I -- several times I believe I was a substitute teacher, during my breaks from my teaching duties at Parlier. I also visited these schools for either meetings, conferences or professional development.

11 Q Then you also identified your work as a 12 researcher for -- is it PACE?

13 A Correct.

14 Q What were your duties as a researcher for 15 PACE?

A I have identified those duties. I was a research associate. I was also a coordinator for K-12 research in the center.

19 Q What were your duties as a coordinator for 20 K-12 research?

A I coordinated the various K-12

22 research-related projects that were being conducted

23 through the center by a variety of other

24 researchers, including myself.

Q When you say "coordinate," what did you

1 research contracts.

Q Has it received any public money for research contracts that touch upon any of the issues raised in the Williams case?

MS. LHAMON: Calls for speculation.

6 BY MS. GIORGI:

Q That you know of.

A No.

9 Q How are decisions made as to what areas to 10 research?

MS. LHAMON: Vague as to time. You mean now or when Dr. Huerta was with PACE?

BY MS. GIORGI:

Q When he was there.

A We had -- when I was working with PACE, we had three directors, which together with the research staff, made cooperative decisions on what research agendas would be focused on for the center.

Q When you were there, could you tell me who the three directors were?

A Michael Kirst, professor of education at Stanford University; Bruce Fuller, professor of

23 education at Berkeley, University of California

24 Berkeley; Jerry Hayward, who directed our Sacramento

25 office and was our liaison to the state legislature.

Page 638 Page 640

1 O And the staff who were there when you were 2 there?

A There was various graduate students, researchers, including myself. There were staff researchers and other project directors that were part of the staff.

Q Were there -- of those two groups of people you just identified, graduate students and staff researchers, besides Ms. Goe and yourself, was there anyone else associated to the Williams case that were on staff or graduate?

MS. LHAMON: Excuse me. Calls for speculation.

THE WITNESS: No. There was -- however, Norton Grubb was a faculty associate of the center. BY MS. GIORGI:

Q Were there any other faculty associates?

A At various times, depending on the projects that were being conducted, there were some other faculty associates.

Q Were there any other faculty associates that have worked on the Williams case?

23 A No.

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MS. LHAMON: Late objection. Calls for 24 speculation. 25

state would work toward creating some consensus of both minimums in standards at the state level.

O We discussed minimum standards. We're talking about resources, correct?

5 MS. LHAMON: Vague and ambiguous. 6 BY MS. GIORGI:

Q I'm referring back to his last question (sic), what he meant by "minimum standards."

A I apologize. The reference to standards is consistent with levels of outcomes, usually 10 student outcomes, which we might expect. My use of 11 the words "minimum" -- my use of the word "minimum 12 13 use" refers to setting levels of standards which 14 would include not only outputs, but as well as 15 inputs and the form of resources.

O How do you envision implementing "New" School Finance framework's incorporation of best practices in the determination of outcomes and minimum -- or standards and minimums?

MS. LHAMON: Asked and answered.

21 THE WITNESS: The assessment and 22 identification of best practices can provide us the 23 data necessary to identify not only which practices

have -- are effectively influencing student 24

25 achievement, but also practice -- but, also, the

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THE WITNESS: Sorry.

MS. LHAMON: It's not your fault. It was mine. I was tardy.

BY MS. GIORGI:

Q In implementing the "New" School Finance framework, how do you envision school level assessment to be utilized in setting state standards?

A I think the process of setting state standards should include the professional judgment of actors at the local level who are responsible for actually delivering instruction. As I've indicated in the last previous days, that would involve being part of discussions, either by committee or through some other form -- forum that would allow local level actors to be represented in any body that would create state level standards or minimums.

Q Do you envision a separate standard for each school?

A No. Consistent with the school finance or 20 21 the -- strike that.

22 No. Consistent with the "New" School 23 Finance conceptual frame, while it's important to 24 identify individual needs at the local level, the assessment of these needs in schools throughout the 1 resources that are necessary to actually engage in

2 those type of practices.

3 BY MS. GIORGI:

> Q Do you envision, through the implementation of the "New" School Finance and framework, different practices identified with different resources? I'm going to say, for example, a public school decides to do the Waldorf approach to education; their resources are going to be different than a back-to-Basics approach, would the "New" School Finance reflect those two different approaches?

MS. LHAMON: Vague and ambiguous. THE WITNESS: Using your example, the "New" School Finance approach and the assessment of practices in schools that may employ those teaching models would identify how resources are being used at the local level directly for the delivery of instruction. BY MS. GIORGI:

Q Would you not agree that the resources will probably be different for the two teaching models?

24 A The differences may be different. Of 25 course, it would also be dependent upon the type of

Page 642 Page 644

students that are being served, the variety of
characteristics of both students and schools,
organizational models.

Q Under the new school financing framework, would a Waldorf school be allowed to continue practicing under that teaching model?

MS. LHAMON: Vague and ambiguous. Lacks foundation.

9 THE WITNESS: I can't answer that 10 question. If you're asking me whether the Waldorf 11 model is constitutional or whether the Waldorf model 12 is too expensive, I don't know. It depends on 13 specific characteristics. I'm not sure what you're 14 asking exactly.

15 BY MS. GIORGI:

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Q What if a teaching model does not use books for reading instruction in the first two grades, first grade and second grade; would that be permitted under the "New" School Finance framework?

permitted under the "New" School Finance framework
 MS. LHAMON: Incomplete hypothetical.
 THE WITNESS: I wouldn't comment on the

22 hypothetical since the "New" School Finance does not

23 propose any hard and fast rules as far as what

24 materials can or can't be used.

25 BY MS. GIORGI:

talking about a school that simply does not provide textbooks, or are you talking about a school that

3 failed to fund according to whatever minimums are

4 required by the "New" School Finance, or something 5 else?

6 BY MS. GIORGI:

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Q My hypothetical, which I don't know how many more times I can rephrase it, under the teaching models they don't intend to use textbooks, the minimum standards say textbooks for first grade and second grade?

MS. LHAMON: Incomplete hypothetical. Vague and ambiguous.

THE WITNESS: Are you presuming that in lieu of textbooks, other teaching materials will be utilized or no teaching materials will be utilized? BY MS. GIORGI:

Q I believe they use chants and songs.

MS. LHAMON: So your proposal is, in your hypothetical, is the school uses chants and songs in lieu of textbooks?

MS. GIORGI: (No verbal response.) THE WITNESS: With all due respect, I

24 would like to comment that the hypothetical is

25 ridiculous, and I don't want to comment on whether

Page 643

d for

Q In the creation of a minimum standard for resources, take textbooks as an example, what if a school chooses not to use books in the first and second grade?

MS. LHAMON: Vague and ambiguous. What if what? Are you asking what happens if a school elects not to use books or under the "New" School Finance?

9 BY MS. GIORGI:

Q Yes, under the implementation of the "New" School Finance, what happens to a school that does not want to provide the minimum standards under its teaching model?

MS. LHAMON: Well, okay. Incomplete hypothetical.

THE WITNESS: It's a different question.

MS. LHAMON: Unclear what you mean by a school not wanting to implement the minimum standards.

20 BY MS. GIORGI:

21 Q Under "New" School Finance, what happens 22 when a school does not implement the minimum 23 standards?

MS. LHAMON: Vague and ambiguous as to "not implement the minimum standards." Are you Page 645

the "New" School Finance -- strike that.

I don't want to comment on it.

3 BY MS. GIORGI:

4 Q Will the implementation of "New" School 5 Finance curtail innovative teaching models at local 6 schools?

7 MS. LHAMON: Vague and ambiguous. 8 THE WITNESS: No.

9 BY MS. GIORGI:

O And why won't it?

A Because the "New" School Finance will allow some level of local discretion, and by setting a minimum level of standards would hold schools responsible to meeting those standards, whether they do it using adopted books, state textbooks, or whether they use it by local level created materials. There is room for local discretion in how schools will meet outcomes.

There is no prescribed model of types of learning materials or curriculum that needs to be employed, but rather there is -- there would be a set level of minimum learning materials, either in the form of books or in the form of locally created materials.

Q Under the "New" School Finance framework,

Page 646 Page 648

would schools have to get permission to use these alternative minimums, alternative books, alternative resources?

4 MS. LHAMON: Calls for speculation. Vague 5 and ambiguous. 6

THE WITNESS: Could you rephrase the question, please?

THE REPORTER: Rephrase or read?

9 THE WITNESS: Read it back to me, please. 10

(The question was read as follows:)

"Q Under the "New" School Finance 11 12

framework, would schools have to get permission to use these alternative

minimums, alternative books.

15 alternative resources?"

16 THE WITNESS: Could you rephrase the 17 question, please?

BY MS. GIORGI: 18

19 Q Can a school, under the "New" School

20 Finance framework, use alternatives to the minimums

21 set by the state? 22

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MS. LHAMON: Vague and ambiguous.

23 THE WITNESS: I've already answered that

question in my previous reply. 24

BY MS. GIORGI: 25

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minimum learning materials, either

in the form of books or in the form of locally created materials."

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THE WITNESS: Yes, that's my answer. BY MS. GIORGI:

Q Do local level created materials need to be approved before state resources can be utilized in funding them?

MS. LHAMON: Calls for speculation.

THE WITNESS: I think that would be a decision that would be made by both local officials and actors, district and county and state level actors that are part of a committee that would begin to formulate some of these issues and address some of these policy issues.

As I indicated before, the "New" School Finance approach does not have a hard, fast rule or proposal on the -- with exact -- does not have a hard and fast rule that would prescribe origin to outline the extent of local discretion, which would be allowed, including the adoption of learning materials.

24 BY MS. GIORGI:

Q In implementing the "New" School Finance

Page 647

Q And your previous reply was that they could use what was essentially the state-prescribed minimum or an alternative, correct?

A I would like my reply for this answer to be the same reply that I had for the last answer that is on the record.

Q Am I confused, or is everybody else?

A It's the same thing. If you can restate or read back the answer that I had to the previous?

(The answer was read as follows:)

"A Because the "New" School Finance will allow some level of

local discretion, and by setting a

minimum level of standards would

15 hold schools responsible to meeting those standards, whether they do it 16

using adopted books, state

18 textbooks, or whether they use it by

local level created materials.

"There is room for local discretion 20

in how schools will meet outcomes.

22 There is no prescribed model of

23 types of learning materials or 24 curriculum that needs to be

25 employed, but rather there is -- framework, what do you envision to be the role of the Department of Education-- California Department of Education in monitoring?

MS. LHAMON: Calls for speculation.

THE WITNESS: I would refer you back to the previous answer, and add that, as we indicate in one of the steps of the "New" School Finance conceptual frame, that the state may be the body that enters when local discretion or local oversight has exhausted -- has been exhausted; an ability to hold schools accountable, and I believe that's in section -- it's in the report.

13 BY MS. GIORGI:

> Q Are you referring to the uniform complaint process?

16 A Yes, as outlined on page 59, 60, 61 of the 17 report.

18 Well, I'm sorry. All the way up to 19 page 62.

Q Does the "New" School Finance framework envision two -- I want to call them triggers -- for state monitoring; one being the uniform complaint process, and another one crossing over maybe a performance threshold?

MS. LHAMON: The report speaks for itself.

Page 650 Page 652

THE WITNESS: I think the report speaks for itself. The extent and specific incident that would trigger either local level or state level oversight is an issue that would have to be developed by involving actors at both local district and state level.

7 BY MS. GIORGI: Q In your formulation of the "New" School 8

Finance frameworks, do you envision a separate threshold, other than the uniform complaint process, causing state involvement and oversight?

MS. LHAMON: Asked and answered.

13 THE WITNESS: I would want my last answer 14 to reflect the same answer to this question. I think I have answered it. 15

16 BY MS. GIORGI:

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O Would you be comfortable under the implementation of a "New" School Finance framework if there were no separate trigger, that the uniform complaint process was the sole way to trigger the Department of Education's monitoring and oversight?

22 MS. LHAMON: Just vague as to "uniform 23 complaint process." Are you talking about the process as it exists now or as described in the 24 25 report at pages, I think, 59 to 62?

THE WITNESS: That's not what I indicated. I indicated that initially there would be a triggering mechanism at the local level. When that is exhausted, then the state level may be -- would be the next logical level to address -- to address 6 that.

7 BY MS. GIORGI:

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Q But there wouldn't be a separate track that the state would see, let's say, very low test scores year after year and not wait for local reaction, but would go in and do monitoring and oversight; is that envisioned in the "New" School Finance framework?

MS. LHAMON: Incomplete hypothetical, and vague and ambiguous.

THE WITNESS: That could be envisioned. Again, that would depend on the -- both the state standards that are set, the minimum level of resources that are necessary, and most importantly on the local needs assessment. And paramount to that would be the decision-making process and the creation of -- the decision-making process by a committee that would involve actors at all levels in relation to creating the ideas that are represented in the "New" School Finance framework.

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MS. GIORGI: As he's described or as Grubb and Goe described in the report, and he's testified to today.

MS. LHAMON: Thank you.

THE WITNESS: I would direct you to details that are provided in section 3, beginning on page 59, 60, 61, 62, where we describe not only a local level oversight process, but also the wider and perhaps more comprehensive, depending on what local district and state level officials or actors create under this idea, but exclusive, only one triggering that is not consistent with the framework of the "New" School Finance framework. BY MS. GIORGI:

15 Q So in your opinion, for the "New" School Finance framework to work it must have both 16 17 triggers, correct?

A Consistent with the "New" School Finance,

it's important to allow local officials to become involved in the oversight of schools at that district or county level.

22 Q So do I understand it's your opinion that 23 the state should not have a direct oversight 24 triggered by, let's say, a test performance? 25

MS. LHAMON: Vague and ambiguous.

BY MS. GIORGI:

Q What I'm asking for is your opinion. Do 3 you have a preference, two tracks or one?

MS. LHAMON: Incomplete hypothetical that that would be the only two choices.

BY MS. GIORGI:

7 Q Do you have a different preference? 8

A I would -- my last answer is the answer to this question.

10 MS. GIORGI: Could you read back his answer for me, please. 11

(The answer was read as follows:) "THE WITNESS: That could be envisioned. Again, that would depend on the -- both the state standards that are set, the minimum level of resources that are necessary, and most importantly on the local needs assessment. And paramount to that would be the decision-making process and the creation of -- the decision-making process by a committee that would involve actors at all levels in relation to creating the ideas that

Page 654 Page 656

1 are represented in the "New" School 2 Finance framework."

BY MS. GIORGI:

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4 Q So are you saying that the "New" School 5 Finance framework and yourself have no preference as to the mechanisms for the monitoring? 7

A No, that's not what I --

MS. LHAMON: I was just saying it's vague as to "monitoring."

Go ahead.

10 THE WITNESS: That's absolutely not what 11

I'm saying. I'm saying that the "New" School 12

13 Finance does not have a finite preference on which

is better; rather any decision of what is better

would be dependent on the conditions that exist. 15

16 BY MS. GIORGI:

17 O And when you say "the conditions that 18 exist" ---

19 A As identified by the wide-scale needs assessment that is necessary, as well as the

decisions that are made by whatever committee from

22 both state -- from both local, state and district

level officials that would work together to create

both standards and minimum resource levels. 24

MS. LHAMON: Can we take a break?

1 MS. LHAMON: Vague and ambiguous and 2 overbroad.

THE WITNESS: Can you clarify your question, please?

BY MS. GIORGI:

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O What part needs clarification?

School finance, what about school finance?

What I'm looking at is Jack Londen's declaration about what you're going to be addressing. And he says -- well, that -- well, not you -- what Professor Grubb was going to address, which is the impact of school finance on educational equity in California. So I'm asking you. Instead of Professor Grubb's opinion, I want your opinion. What's the impact of school finance on educational equity in California?

MS. LHAMON: Same objections.

And just for clarification I don't believe that Dr. Huerta has ever seen that. If it's something you want him to see, you can show it to him.

MS. GIORGI: It's over here.

23 Can we have it marked as an exhibit.

please? It's 16, maybe. 24 25

(Defendants' Exhibit 16 was marked

Page 655

(Discussion off the record.) 2 BY MS. GIORGI:

3 Q Mr. Huerta, what is your understanding of your role in this case?

5 A I was invited to act as an expert witness for the plaintiffs' side.

Q Is there anything that you're working on regarding the Williams case that you have not told us today?

Working on in relation to what? A

Q The Williams case.

MS. LHAMON: Do you mean this week? 12 13 BY MS. GIORGI:

Q I'm sorry, yes, this week.

15 A But do you mean working on in relation to my research? I don't understand what you mean. 16

Q I just asked you your role in the case, and that is as an expert in the Williams case. And now I've asked you, are you working on anything else related to the Williams case?

A Oh, I didn't hear the second part.

Q Okay. 22

23 A No.

24 Q What is your opinion of the impact of

school finance on educational equity in California?

1 for identification and annexed 2 hereto.)

3 BY MS. GIORGI:

> Q Mr. Huerta, if I'm correct, you have not seen this document entitled "Expert Witness Declaration Re Professor Norton Grubb.

A No. I have now.

8 Q Nevertheless, in paragraph 7, starting on 9 line 21, it identified Professor Grubb addresses the 10 impact of school finance on educational equity in California. 11

I am asking you for your opinion on the impact of school finance on educational equity in California.

15 A My --

> MS. LHAMON: The question is still overbroad.

THE WITNESS: My opinion is consistent with what I have already testified at length in reference to what is reported in the expert report, which looks at how school finance, school finance formulas in California, while equalized in terms of revenue limit, the revenue limit component per pupil expenditure reflect high disparities when all other money is accounted for in the per pupil expenditure.

Page 658 Page 660

BY MS. GIORGI:

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2 Q I just need clarification. If you were to 3 look at Exhibit 11 and 12.

A What's the title of the exhibit?

O Looks like these.

Do these only reflect revenue limits?

A The numbers reported in this spreadsheet on Exhibit 11 report the average cost per ADA, which includes both revenue limits and all other revenues that are part of the per pupil expenditure amount.

Q So if we were to look at Exhibit 11, where it identifies the Alpine County Unified School District, that has an ADA of 138 and an average cost of 17.825?

A Where is Alpine?

16 0 On --

17 Α On Exhibit 11 or 12?

Q Exhibit 11, and has an 02 in front of it. 18 19 MS. LHAMON: Midway down the page. 20

THE WITNESS: Got it.

21 BY MS. GIORGI:

22 Q And if you were to compare that to 23 Paradise Unified, which has an 04 right below it, which has 5,000 ADA, approximately, and an average 24 25 cost for almost 6,000, is that what you mean by high

result of this district being ADA -- I'm sorry -- a basic aid district. Again, I don't know whether this is a basic aid district. The pattern would 3 4 indicate that it might be.

It is possible that \$17,825 is as a result of different categorical programs that that district has been able to garner. So in order to answer your question, I would need the specific details of both Alpine and Paradise.

O Okay. I'm going to ask you now a different question.

What is your opinion of California school financing policies and their impact on educational equity in California?

MS. LHAMON: Overbroad, again.

THE WITNESS: As I indicated in the answer prior to the last answer, the distribution of dollars across the state, when you look at full per pupil expenditure, reflects wide disparities. School finance policies linked to how these dollars are distributed are, in most part, completely disconnect from any real local need.

Without accounting for the local needs that exist throughout the state and attempting to fund those needs, the school finance formula in

Page 659

disparities when all other money is accounted for?

A Yes. That range in difference of total per pupil expenditure is a good example of the disparities that exist when you account for other monies.

It's important to point out that Alpine County Unified is most likely a basic aid district, which my guess from looking at the extremely high per pupil expenditure is that it is a district that is -- receives only its money collected by local property taxes and does not receive any additional categorical, other than the basic aid amount of one -- I believe the basic aid amount is 125 in California. However, I would have to look specifically at the characteristics of Alpine Unified.

Q Is that disparity between Paradise and Alpine County inherently bad?

A Define "bad."

Q Causing an injustice to the students in 20 either school district? 21

22 A It's not clear to me whether the \$17,825 23 that are part of the per pupil expenditure of Alpine County results from the specific needs of students 24

in that county or whether, again, this is as a

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1 California has resulted in wide educational inequities.

3 BY MS. GIORGI:

4 Q And the basis for your opinion that there are wide educational inequities is what?

A There's ample evidence, both reported in the expert reports that have been -- that are part of the Williams case. There's evidence at the state level, and there's evidence that's been collected by a variety of research institutions across the state that clearly indicate the disparity in the distribution of resources, which might include facilities, qualified teachers and learning materials in schools throughout the state.

Q What in particular are you referring to in the expert reports provided in the Williams case for your statement that there is wide educational inequities?

19 A The mounds of data that have been reported 20 in the reports.

O Could you describe one of those mounds for 21 22 me, please?

A Excuse me. The data that looks specifically at the condition of facilities in the state; the data that looks specifically at the

Page 662 Page 664

amount and distribution and uneven distribution of learning materials across the state; the data that looks specifically at the uneven distribution of qualified teachers in districts throughout the state.

- Q Could you explain to me the bases for your opinion that California school financing policies have adversely impacted educational equity in the distribution of learning materials?
- A Can you repeat the question, please?

  MS. GIORGI: Could you read it back?

  Thank you.

  (The question was read as follows)

13 (The question was read as follows:)

"Q Could you explain to me thebases for your opinion that

16 California school financing policies

have adversely impacted educational

equity in the distribution of

19 learning materials?"

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MS. LHAMON: Asked and answered.

THE WITNESS: It's been answered.

I would direct you to the expert reports that specifically look -- strike that -- that

that specifically look -- strike that -- that
 specifically have collected data on the distribution

25 of learning materials across the state, which

1 availability of instructional materials?

A The observations -- some of my observations did focus on learning materials in charter schools. My work was not exclusive to looking at only learning materials.

Q What methodology?

A My phone.

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- Q What methodology did you utilize to perform your analysis of the availability of instructional materials during your observations at the schools?
- 12 A All of my work in charter schools in 13 California employed a qualitative case study 14 methodology. As I indicated, looking at the 15 distribution or amount of resources in these 16 individual schools was not my primary objective.
  - Q So what methodology did you utilize to determine the availability of instructional materials on your visits?
- A It was widely reported to me by individuals in many schools, especially some schools in low-income areas, that they were challenged in providing the necessary learning materials for their students.

Q And who were the individuals who reported

Page 663

reflects how these learning materials are scarcest

BY MS. GIORGI:

in many low-income districts.

Q Is it correct -- is my understanding correct that you have no independent knowledge of a scarcity, but rather you're relying upon statements made in other individuals' expert reports?

MS. LHAMON: Mischaracterizes the testimony.

THE WITNESS: I'm relying on both the very reliable source of data that has been collected and has been reported in the expert reports. As I testified a few days ago, I'm also relying on my independent observations that I've made in many school districts throughout the state.

16 BY MS. GIORGI:

Q Regarding your independent observations, when did those occur?

A As I visited numerous -- as I've already testified, I've visited numerous schools over the last 12 years, both conducting my research on charter schools, and both as a former teacher in California.

Q When you were looking at the charter schools, were you particularly focused on the

1 to you?

A Teachers, administrators, parents, board members, community members.

4 Q And what time frame, again, were those 5 conversations?

6 A That's primarily my work between 1996 and 7 the year 2000.

8 Q And approximately how many schools did you 9 go to?

10 A I don't recall.

11 Q Approximately how many schools did you 12 have these kinds of widely reported, I guess --

13 A In detail, perhaps five, eight schools. I
14 don't recall exactly.
15 O And did you seek out to verify whether

Q And did you seek out to verify whether what they told you was true or not?

A How? I don't understand.

Q If they said they were having trouble providing supplies, did you go out and seek out, visually determine, whether or not supplies were available?

A I had no reason not to believe them, but when the concern was consistently reflected by many individuals, including many individuals outside the school, as a researcher I would use that as credible

Page 666 Page 668

1 evidence.

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Q So you did not personally, as we had discussed earlier about the assessment that needs to be made, you did not visually go and determine whether or not materials were available, correct?

A I conducted visual assessment in the classrooms that I actually entered. And as I indicated, my level of verification was consistent with the methodology where I interviewed many different actors which repeatedly shared the same information.

Q So then your visual observations, you did determine that instructional materials were not available?

A Yes. Visually, yes.

16 Q And approximately how many schools did you 17 find this to be true?

A Nearly all the schools I visited.

19 Q And what standard did you use to determine 20 the adequacy of the materials available?

MS. LHAMON: Assumes facts not in evidence.

THE WITNESS: As I indicated, identifying levels of materials was not my primary objective.

25 The only standard I used to verify whether resources

opportunity?

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A I've answered that.

MS. LHAMON: Overbroad. Talked to that at length in his deposition so far over four days.

BY MS. GIORGI:

Q So you have nothing further to add?

A Other than what I've already testified numerous times, no.

Q How would you define "educational opportunity"?

A One definition may include whether students are provided the necessary resources to -- which would include both facilities, teachers, learning materials, as well as other resources, and that would allow them to perform at a level -- scratch that. Start over. Or strike that. I'm sorry.

I would define "educational opportunity" as the ability of student -- of a student to learn in an environment which provides them the necessary resources and that provides the student the capabilities to reach the desired outcomes that have been set both by state and local officials.

Q In the paper Straw into Gold, it was described that many of the characteristics of

Page 667

1 were inadequate in those schools was the repeated

2 verification of those facts by many different actors

3 in those schools.

4 BY MS. GIORGI:

Q Did you go in to the classroom and count 6 the books?

A No.

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Q Did you go in the classroom to determine whether they were there?

A I visually observed, but did not count.

Q Did you visually observe children sharing books?

A On occasion, yes, I can recall.

14 Q And this occurred in one of the five to 15 eight schools in which people made reports to you 16 there were inadequate supplies?

17 A Yes.

18 Q I would like to hear your opinion whether 19 or not the California school financing system 20 impedes the quality of educational opportunity?

A I've answered that.

Q And is your answer yes?

23 A Yes.

Q How does the California school financing

25 system impede the quality of educational

1 effective schools in the five-factor model can be

2 implemented without additional resources. And the

3 five factors that were identified as effective

4 schools are those with strong administrative

5 leadership, high expectations for student

6 achievement, orderly atmosphere conductive to

7 learning, and an emphasis on the application of

8 basic academic skills and the frequent monitoring of 9 student progress?

MS. LHAMON: What page is that? MS. GIORGI: I believe it's page 16.

MS. LHAMON: Thank you.

13 BY MS. GIORGI:

Q Is that consistent with your definition of "economic opportunity," which includes the ability to learn in an environment --

17 A Did I say "economic opportunity"? If I 18 did, I meant "educational opportunity."

MR. POULOS: You said "educational."

20 THE REPORTER: "Educational."

THE WITNESS: I still haven't found the section you're referring to in the Straw into Gold report.

MS. LHAMON: It's...

25 THE WITNESS: Can you restate the

Page 670 Page 672

question, please?

BY MS. GIORGI:

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O I'll just rephrase that.

If we could conceptualize your definition of "educational opportunity" in a Ven diagram with the five-factor model of effective schools, how would the two circles interact with each other?

A I'm not prepared to engage in that exercise right now.

Q I'm sorry?

A You want me to draw the Ven diagram? I 11 don't want to draw the Ven diagram. I have to give 12 13 it some more thought. 14

Q Want to stop here, and we'll do it in the morning?

A I don't particularly want to engage in that exercise in the morning. The Ven diagram is not necessarily an approach I would necessarily use to identify what you're interpreting as some intersection between different characteristics of different schools.

It's also important to know that I'm not wholesale supporting the findings of the effective schools literature. I'm only reporting in this

report the five-factor model. In no way am I 25

A I would certainly disagree with that statement. I'm not indicating that the five factors don't work. I'm only stating that the somewhat prescriptive five-factor model approach to attempting to apply these five factors to other schools was shortsighted in not considering what local conditions are.

Certainly these five factors may be qualities of effective schools, among many, many others, but that all depends on the local conditions.

MS. LHAMON: Can we go off the record for a sec?

(Discussion off the record.)

BY MS. GIORGI:

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16 Q Would you agree or disagree with this statement: What constitutes an equal, adequate. 17 meaningful education is not likely to be defined for 18 all times, even for scholars who deal with these 19 20 issues?

21 A I would like to see where you -- the 22 context of how that statement was made. 23

Q Okay. It's a quote from the Rhode Island Supreme Court decision that is quoted in the Guthrie and Rothstein paper --

Page 671

supporting the efficacy of the five-factor model in being the sole five factors that lead to effective schools.

Q Why do you not support the five-factor model?

MS. LHAMON: Mischaracterizes his testimony.

THE WITNESS: As we articulate in the report Straw into Gold, we identify what the five-factor model was comprised of. We also comment on how the five-factor model was in many ways absent full assessments of what the conditions were in each of these schools. The five-factor model was an idea that was advanced to the effect of school literature, where some researchers recommended these characteristics should be employed in other schools.

However, my critique is that that recommendation was extremely shortsighted in that attempting to apply -- overlay directly these five factors without any comprehensive knowledge of individual school culture, organizational or administrative structures was shortsighted. BY MS. GIORGI:

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24 Q Has it been your experience these five factors do not work in raising student outcomes? 1 A Rothstein.

Q -- paper on adequacy. 2 3

A I don't want to comment on that independent of, first, being able to review the context. I'm familiar with the report that you're speaking of, but I'm not familiar with the context in which that phrase was used.

Q Okay. Do you believe that scholars who deal with these issues can determine what is equal, adequate and a meaningful education at a certain point in time that will hold through the ages of time to follow?

A I think that scholars, together with both local level professionals, district, county level and state level officials, would be the appropriate group to make those sort of grand decisions. I think allowing these type of decisions or characterizations to be made by one group or one level of professional is shortsighted.

Q If we were to get the diversion group you just identified together, would they be able to define what is an equal, adequate and meaningful education for all times?

24 MS. LHAMON: Incomplete hypothetical. 25 THE WITNESS: Perhaps. Whether it's a

	Page 674		Page	676
1	defined what did you say, "equal"?	1	further.	
2	BY MS. GIORGI:	2	MS. LHAMON: Thank you.	
3 4	<ul><li>Q Equal, adequate and meaningful education.</li><li>A Whether it's a defined equal, adequate</li></ul>	3 4	(TIME NOTED: 5:02 p.m.)	
5	and	5		
6	Q Blah, blah.	6		
7	A blah, blah education for all times, I	7		
8 9	think it would be foolish to create a system that would be set for all times.	8 9		
10	I think the wide-scale assessments that	10		
11	are spoken about in the "New" School Finance	11		
12	framework is a process that needs to be ongoing and	12		
13	not a one-time approach.	13		
14 15	Q How frequently do you think these wide-scale assessments should be done?	14 15		
16	A That would certainly depend on local	16		
17	conditions, specifically perhaps characteristics of	17		
18	schools that may account for teacher attrition,	18		
19 20	student mobility. These are a variety of different conditions that would affect the differing	19 20		
21	populations of both teachers and students at	21		
22	schools, that would demand continual monitoring and	22		
23	assessment.	23		
24 25	Q Did you envision the wide-scale assessment as prescribing the way the legislature should create	24 25		
23	as prescribing the way the registature should create	23		
	Page 675		Page	677
1	Page 675 educational policy?	1	Page I declare under penalty of perjury	677
2	educational policy?  MS. LHAMON: Vague and ambiguous.	2	I declare under penalty of perjury under the laws of the State of California	677
2 3	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment,	2 3	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.	: 677
2	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that	2 3 4	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment,	2 3	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.	: 677
2 3 4 5 6 7	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a	2 3 4 5 6 7	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes	2 3 4 5 6 7 8	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make	2 3 4 5 6 7 8 9	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	677
2 3 4 5 6 7 8	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes	2 3 4 5 6 7 8 9 10	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9 10 11 12	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that	2 3 4 5 6 7 8 9 10 11 12	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9 10 11 12 13	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that recommendations made by both professional and	2 3 4 5 6 7 8 9 10 11 12 13	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9 10 11 12 13 14	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that recommendations made by both professional and policy-makers would be made in the form of a	2 3 4 5 6 7 8 9 10 11 12 13 14	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that recommendations made by both professional and policy-makers would be made in the form of a recommendation to our state legislature.  BY MS. GIORGI:  Q And do you envision that recommendation to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that recommendations made by both professional and policy-makers would be made in the form of a recommendation to our state legislature.  BY MS. GIORGI:  Q And do you envision that recommendation to be done periodically, with a periodic assessment?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that recommendations made by both professional and policy-makers would be made in the form of a recommendation to our state legislature.  BY MS. GIORGI:  Q And do you envision that recommendation to be done periodically, with a periodic assessment?  A I think it would be wise to engage in	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	educational policy?  MS. LHAMON: Vague and ambiguous.  THE WITNESS: The wide-scale assessment, that would include the various different actors that I've listed already, including local, district, county and state level, may, in the context of approaching a formula that accounts or a formula a school finance formula that utilizes the "New" School Finance framework, would make recommendations to a legislature. However, that depends on the context of each state. In the context of California, the likelihood is that recommendations made by both professional and policy-makers would be made in the form of a recommendation to our state legislature.  BY MS. GIORGI:  Q And do you envision that recommendation to be done periodically, with a periodic assessment?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  Executed on	: 677
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1	STATE OF CALIFORNIA ) ss:	1	INDEX	
2	COUNTY OF LOS ANGELES )	2	VOLUME I	
3	LIANA LIODED DDD CDD CCD 0007	3	THIRDDAY MARCH 20. 2	1002
5	I, LANA L. LOPER, RPR, CRR, CSR 9667, CCR 690, do hereby certify:	4 5	THURSDAY, MARCH 20, 2	2003
6	CCR 050, do hereby certify.	6	WITNESS	EXAMINATION
7	That the foregoing deposition of LUIS HUERTA was	7	WIII	L/M IIVIII WITTOTY
8	taken before me at the time and place therein set	8	LUIS HUERTA	
9	forth, at which time the witness was placed under	9		
10	oath and was sworn by me to tell the truth, the	10	(By Mr. Simmons)	501
11	whole truth, and nothing but the truth;	11	(By Ms. Giorgi)	546
12 13	That the testimenay of the witness and all	12		
13	That the testimony of the witness and all objections made by counsel at the time of the	13 14		
15	examination were recorded stenographically by me,	15		
16	and were thereafter transcribed under my direction	16		
17	and supervision, and that the foregoing pages	17		
18	contain a full, true and accurate record of all	18		
19	proceedings and testimony to the best of my skill	19		
20	and ability.	20		
21 22	I fourthan contifu that I am naith an nalated to	21 22		
23	I further certify that I am neither related to counsel for any party to said action, nor am I	23		
24	related to any party to said action, nor am I in any	24		
25	way interested in the outcome thereof.	25		
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1	Page 679	1	DEDOCITION EXHIRI	Page 681
1 2	IN WITNESS WHEREOF, I have subscribed	1 2	DEPOSITION EXHIBIT	_
2	•	2	DEPOSITION EXHIBITED LUIS HUERTA	_
	IN WITNESS WHEREOF, I have subscribed			ΓS
2 3	IN WITNESS WHEREOF, I have subscribed	2 3	LUIS HUERTA  NUMBER DESCRIPTIO 15 Letter dated 2/12/03 to	IDENTIFIED 536
2 3 4 5 6	IN WITNESS WHEREOF, I have subscribed my name this 2nd day of April, 2003.	2 3 4 5 6	NUMBER DESCRIPTIO 15 Letter dated 2/12/03 to Mr. DeBorde from Mr. H	IN IDENTIFIED 536 Juerta
2 3 4 5 6 7	IN WITNESS WHEREOF, I have subscribed	2 3 4 5 6 7	LUIS HUERTA  NUMBER DESCRIPTIO 15 Letter dated 2/12/03 to	IN IDENTIFIED 536 Juerta
2 3 4 5 6 7 8	IN WITNESS WHEREOF, I have subscribed my name this 2nd day of April, 2003.	2 3 4 5 6 7 8	NUMBER DESCRIPTIO  15 Letter dated 2/12/03 to  Mr. DeBorde from Mr. H  with attached handwritter	IDENTIFIED 536  Juerta n notes
2 3 4 5 6 7 8 9	IN WITNESS WHEREOF, I have subscribed my name this 2nd day of April, 2003.	2 3 4 5 6 7 8 9	NUMBER DESCRIPTIO  15 Letter dated 2/12/03 to Mr. DeBorde from Mr. H with attached handwritter  16 Expert Witness Declara	IDENTIFIED  536  Surerta n notes  tion 656
2 3 4 5 6 7 8 9 10	IN WITNESS WHEREOF, I have subscribed my name this 2nd day of April, 2003.	2 3 4 5 6 7 8 9	NUMBER DESCRIPTIO  15 Letter dated 2/12/03 to  Mr. DeBorde from Mr. H  with attached handwritter	IDENTIFIED  536  Surerta n notes  tion 656
2 3 4 5 6 7 8 9	IN WITNESS WHEREOF, I have subscribed my name this 2nd day of April, 2003.	2 3 4 5 6 7 8 9	NUMBER DESCRIPTIO  15 Letter dated 2/12/03 to Mr. DeBorde from Mr. H with attached handwritter  16 Expert Witness Declara	IDENTIFIED  536  Surerta n notes  tion 656
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