IN THE CIRCUIT COURT FOR THE CITY OF RICHMOND VIRGINIA

-----:

CHRISTOPHER HORNER, et al., :

Petitioners

: Case No.:

VS.

: CL-1500-4712-00

RECTOR AND VISITORS OF : GEORGE MASON UNIVERSITY, :

.

Respondent

Fairfax, Virginia

1

Friday, February 5, 2016

Deposition of:

EDWARD MAIBACH

called for oral examination by counsel for the Petitioners, pursuant to notice, at George Mason University, 4400 University Drive, Merten Hall, Fairfax, VA, before Sherry L. Brooks, CLR, of Capital Reporting Company, a Notary Public in and for the Commonwealth of Virginia, beginning at 10:17 a.m., when were present on behalf of the respective parties:

	2	4
1 APPEARANCES	1 PROCEEDINGS	
2 3 On behalf of Petitioners:	2	
4 MATTHEW D. HARDIN, ESQUIRE	3 WHEREUPON,	
HARDIN LAW OFFICE	4 EDWARD MAIBACH,	
5 314 West Grace Street	5 called as a witness, and having been first duly	
Suite 304 6 Richmond, VA 23220	6 sworn, was examined and testified further as follows:	
(804) 608-6456	7	
7 (887) 310-3847 (Fax)	8 EXAMINATION BY COUNSEL FOR	
E-mail: Matthewdhardin@gmail.com	PETITIONERS	
8 9	9 BY MR. HARDIN:	
10 On behalf of Respondent:	10 Q. Good morning, Mr. Maibach. My name is	
11 THOMAS M. MONCURE, JR., ESQUIRE	11 Matthew Hardin and I have a few questions for you.	
University Counsel	12 A. Good morning, Matthew.	
12 4400 University Drive, MS 2A3 Fairfax, VA 22030	13 Q. How are you doing this morning?	
13 (703) 993-2619	14 A. Never better. Thanks. You?	
(703) 993-2340 (Fax)		
14 E-mail: Tmoncure@gmu.edu	15 Q. Wonderful. Will you please tell me what	
15 16	16 your full name and position is?	
17 ALSO PRESENT:	17 A. My name is Ed Maibach. I'm a university	
18 Christopher C. Horner, Petitioner	18 professor here at George Mason University and I run	
19 20	19 the Center for Climate Change Communication.	
21	20 Q. As director of the Center for Climate	
22	21 Change Communication, what do you do?	
	22 A. That's a great question. The center's	
	3	5
1 CONTENTS	1 the mission of the center is to conduct social	
2 EXAMINATION BY: PAGE	2 science research focused on public engagement and	
3 Counsel for Petitioners 4	3 climate change.	
	- I	
_		
5 6	5 raising the money we need to do the research,	
7	6 actually overseeing the research so that it is done	
8	7 of sufficient quality, mentoring my post docs, my	
9 (No exhibits marked.)	8 students, my faculty, keeping the ship moving	
10	9 forward.	
11	10 Q. You also	
12	11 MR. MONCURE: Let me clarify. That's not	
12 13	11 MR. MONCURE: Let me clarify. That's not 12 your sole duty?	
12 13 14	•	
12 13	12 your sole duty?	
12 13 14 15 16	12 your sole duty?13 A. No. That's my duty as director of the	
12 13 14 15 16 17	 12 your sole duty? 13 A. No. That's my duty as director of the 14 center, which is what he asked me. 	
12 13 14 15 16 17 18	 12 your sole duty? 13 A. No. That's my duty as director of the 14 center, which is what he asked me. 15 BY MR. HARDIN: 	
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12 13 14 15 16 17 18 19 20 21	12 your sole duty? 13 A. No. That's my duty as director of the 14 center, which is what he asked me. 15 BY MR. HARDIN: 16 Q. Right. What I'm going to follow up on is 17 you also have duties as a faculty member, aside from 18 your role as director? 19 A. I do, indeed. 20 Q. Can you describe those duties?	

8 6 1 Department of Communication in, essentially, the same 1 specific? 2 way all faculty members are. Do you discuss ways in which your students I'm participating on (sic) doing service 3 or society at large could make a difference in the 4 to the department, to the college, to the university. arena of climate change? 5 I mentor more -- a fair number of graduate students A. Absolutely. 6 both in terms of at the master's and the Ph.D. Can you discuss what those means are? 7 levels. And I have the opportunity to work with Sure. Again, this is a full semester 8 undergraduates as well. 8 course. But just in broad overview, the idea is using communication in ways that -- to better Q. What courses do you teach? A. I teach -- it depends, to be totally represent or to better communicate the actual 11 honest. Off the top of my head, I'll give you the scientific evidence about climate change so that 12 full listing. individuals, families, communities, organizations can 13 Every fall I teach a course called make better decisions based on factual information as 14 Communication 700. It's developing and testing 14 opposed to based on ignorance, supposition, 15 social science theories. It's sort of a basic level assumption, et cetera. 16 course for first-year Ph.D. students. 16 Q. Do you have staff that help you in your 17 I teach -- every spring, I teach a course 17 role either as director of the Center for Climate 18 called Climate Change Communication Campaigns. I Change Communication or as a professor? 19 19 teach a course -- I will be teaching a course every A. I have staff for the center, but not as a 20 other year called social marketing, use of marketing 20 professor. 21 techniques to address social problems. Q. You don't have research assistants, 22 I taught a course last semester for the 22 graduate assistants, anybody like that? 7 1 first time called Advanced Communications Skills for Oh, sure. 2 Stem Professionals, Science Technology Engineering You have --3 and Math. And I have taught in the past but have no I'm sorry. 4 plans to currently teach a course called Strategic You have graduate assistants, but not 5 full-time staff is what you're telling me? 5 Communication. Q. Do you teach coursework in any of your Correct. I have full-time staff in the 7 classes related to climate change? center to support the research mission of the center. A. Oh, yeah. My course this semester is 8 I do -- there's a large degree of overlap, of course, 9 Climate Change Communication Campaigns. in my two roles. 10 Q. Can you discuss what material that course So the research assistants, generally 11 covers? speaking, are paid on our research grants. So I 12 A. Absolutely. It is equivalent to a suppose you could say that those are employees of the 13 strategic communication course. By that, I mean, use center doing research. 14 of -- planned use of communication to achieve 14 I don't have any administrative assistants was the gist of my first answer. I don't have any 15 specific objectives. 16 And taking that as the general framework, administrative assistants in my capacity as a 17 it is all focused on -- primarily focused on climate 17 professor. 18 change, but also focused on other sustainability 18 Q. You do have graduate assistants? goals more broadly. 19

Q. Do you discuss specific means of combating

A. Specific means. Could you be more

20

21 climate change?

20

21

Q.

They do research?

Is that all they do?

They do.

10 12

A. Well they go to school. Thet's all they

1 A. Well, they go to school. That's all they 2 do for me, yes.

Q. That's all they do for you, okay.

4 In your role as director of the center,

5 you said you have other staff in that role?

6 A. I do.

7 Q. What do those staff do?

8 A. I have one gentleman who is essentially

9 our financial manager.

10 He has other duties working -- keeping our

11 website operating, using our social media platforms,

12 et cetera.

I have currently three members of the --

14 well, two full-time faculty members who are research

15 professors.

And that's a specific term in the

17 university, meaning they're completely funded on

18 extramural funding. In other words, the state

19 doesn't pay their salary. It's totally paid based on

20 the research revenue we raise.

I have a third faculty member who we call

22 an affiliate researcher. She doesn't actually draw a

1 Science Foundation, funded research focused on TV

2 weathercasters.

And then the longest tenured person is

4 Connie Roser (sic), R-O-S-E-R - R-E-N-O-U-F. She's a

5 research associate professor.

And the work we do together is a project

7 -- a project in collaboration with Yale called the

8 Climate Change in the American Mind project.

9 Q. Okay. Thank you. Now, how did you -- 10 what was your path, I suppose, to becoming director

14 all G and a given at a given at

1 of the Center for Climate Change Communication?

12 What's your background?

A. I am a public health professional first,

14 foremost, and always; in other words, my core

15 training is in the field of public health.

In the service of work I was doing at NIH

17 right out of graduate school, I came to -- became

18 familiar with the field of communication research.

19 Eventually left my paid work to go back

20 and get my doctoral degree in communication research.

21 Finished my degree at Stanford. Went to Emory

22 University in Atlanta. I was a faculty member there

11

1 salary. So she's not paid at all. But she is, in

2 fact, working full-time at the center.

Q. Can you give me their names and what

4 they're researching?

5 A. Sure. We'll start with the last first,

6 Mona Sarfaty, S-A-R-F-A-T-Y, M.D. She's a physician.

7 She runs our program on climate and health.

8 So she is currently researching physicians

9 and nurses understanding of climate change in

10 partnership with different medical societies around

11 the country.

The second most recently added person is

13 Teresa Myers, M-Y-E-R-S. She's a research assistant

14 professor and she is -- her research portfolio is

15 fairly broad.

She's conducting research with me funded

17 by NASA on public trust -- on a variety of issues

18 fundamentally under the umbrella of public

19 understanding about climate change and public

20 perception of climate scientists and climate science

21 organizations.

She also works with me on my NSF, National

1 for five or six years.

Was recruited to come to the private

3 sector here in Washington, a company called Porter

4 Novelli. And I did that for eight years.

Then I went back to government service.

6 Went to the National Cancer Institute for two years

7 and then came back to academia, first to George

8 Washington University and then specifically to George

9 Mason to create the Center for Climate Change

10 Communication.

11 MR. MONCURE: If I may, your degrees are

12 in?

13 A. My degree -- I have a master's in public

14 health and a Ph.D. in communication science.

15 BY MR. HARDIN:

Q. Your private sector work for Porter

17 Novelli, can you describe what you did there and how

18 it's different perhaps from what you're doing now?

9 A. Sure. Initially, I was their director of

20 research. Eventually, I became the director of their

21 social marketing practice. And I mentioned earlier

22 that I teach a course here in social marketing.

14 16 1 academics and researchers? So my clients were a fairly diverse 2 portfolio of clients at the Robert Wood Johnson Common? Couldn't tell you. I did it. 3 Foundation, the American Cancer Society, the Centers You did it? 4 for Disease Control, the National Cancer Institute, A. I did it. 5 the March of Dimes. Q. So as an academic and in the private 6 There were more, but --6 sector both you engaged in that coordination? What did you do for these clients? A. As I'm now talking about my work at Porter 8 A. Help them organize strategic communication 8 Novelli and specifically this example that I just gave you, the National Drug -- Anti-Drug Campaign, we 9 programs. 10 On a variety of topics? engaged -- I engaged academics who were experts in Q. 11 A. Mostly public health topics. Oh, I forgot drug use prevention. 12 one of my most important clients. The American Q. As an academic yourself now, do you work 13 Legacy Foundation doing -- in which -- on whose 13 with PR firms or public affairs groups or anyone in 14 behalf we helped dramatically reduce the rate of teen 14 the private sector realm? 15 smoking in America. 15 A. I do not currently work with any PR firms.

16 Q. These campaigns that you worked on at 16 By "currently," you mean as of this

17 Porter Novelli, did you just work with other Porter 17 instant. Have you recently?

Novelli staff or did you hire outside experts? A. Not that I can recall.

The latter -- well, both. 19 Q. I have a biography of you from George

19

20 Both? 20 Mason's website. I wanted you to take a look and Q.

15

tell me if you believe it's accurate or inaccurate in

22 any way.

1 you might bring in outside experts?

A. Sure. One of the really -- the most

3 exciting assignments I had, certainly the most highly

Q. Okay. Can you describe on what occasions

4 visible and high-pressured, was I won an assignment

5 to represent the Clinton Administration in developing

6 a youth -- what was called the Youth Anti-Drug

7 National Media Campaign.

A. Yes, both.

And it was funded by Congress at the level

9 of \$200 million a year for five years initially. So

10 it was a \$1 billion investment in federal funds in

11 trying to reduce the rate of teen drug use.

12 Winning the contract to develop the

13 campaign, I was given 100 days to develop the

14 strategy.

21

22

15 So that was certainly an occasion where I

16 liberally hired outside experts, the best available

17 outside experts, to help design -- to quickly come up

18 to speed on the techniques that were most likely to

19 work so that we could put forth the best possible

20 plan.

21 Would you say it's common for PR firms or

22 public affairs firms to work with academics or engage

It looks pretty accurate to me.

Do you know who wrote it?

A. At some point, I wrote it, I'm sure.

Whether these are the exact words I submitted, I

5 don't know. But, no, it's accurate.

Okay. Drawing your attention to something

17

that I'm sure has been of interest lately, do you

8 recall a letter that was written on September the 1st

to President Obama and Attorney General Lynch?

A. I do.

11 Q. Who wrote it?

Myself, Dr. Shukla of George Mason 12

13 University, and 18 other climate scientists.

14 Whose idea was it initially?

15 It was Shukla's idea originally.

But you said you wrote it yourself. So it

17 was his idea and you wrote it. Is that what

18 happened?

No. I mean, Shukla is the first author of

20 the letter. Shukla is ultimately -- it was his idea

21 ultimately.

It was Shukla who initiated it and many

18 20 1 people's words were included in the letter. Did you consult with --Q. I have a copy of what I believe is a By that --3 3 letter from you. Can you take a look at it and tell Legal counsel, I mean. 4 me whether it is a true and accurate copy? A. It looks right to me. Although, I will Did you consult with any law enforcement Q. 6 say I'm a little surprised by the September 1st date. 6 officials? 7 That's later than my memory, but the letter is the A. 8 letter. Can you explain to me what the Racketeer Q. Influenced and Corrupt Organizations Act does? Q. Fair enough. What does the letter say in 10 broad strokes? No. As I said before, I'm not an expert 11 A. In broad strokes, the letter was an 11 in RICO. 12 encouragement to the President and the Attorney 12 Q. Can you give me a list of any RICO 13 General to follow up on Senator Whitehouse's 13 predicate violations? 14 suggestion to call for a RICO investigation of A. No. 15 ExxonMobil based on the possibility that they had 15 Q. What did you want the President and the 16 knowingly deceived the public about climate change 16 Attorney General to do in (sic) this letter? 17 and its potential dangers, and in doing so -- you 17 A. To investigate the credible allegations 18 know, for the express purpose of preventing American 18 that ExxonMobil has been knowingly deceiving the 19 society and global society in dealing with a clear public on an issue of considerable importance to 20 and present danger. 20 public well-being. 21 21 Q. Would you consider a RICO investigation a And if found to be true, if the 22 serious matter? 22 allegations are found to be true, to take actions to 19 21 A. I am not an expert on RICO. But, yes, I 1 stop future deceptions. 2 would consider it a serious matter. Q. So what you're telling me is, while you're Q. Okay. Before you drafted this letter, you 3 not aware of the specifics of RICO and how the law 4 put some thought into it. Did you consult with works, you think that what ExxonMobil specifically 5 anyone else? 5 was doing was troubling and you wanted that stopped? A. Yes. Correct. With whom? That's a fair characterization, okay. A. To be -- I approached the Union of 8 What specifically was ExxonMobil doing that bothered 9 Concerned Scientists to ask them about RICO and to 9 you? 10 10 learn their views on this. Funding climate denial organizations. And they, essentially, said they viewed Funding climate denial organizations 12 this -- they viewed it as there being about a 12 bothers you? 13 snowball's chance in hell of a RICO investigation 13 MR. MONCURE: Let me interject at this 14 ever being opened. point. This line of questioning I would deem to be 15 Q. Did you consult with anyone else, other somewhat irrelevant to the prosecution of a FOIA 16 than the Union of Concerned Scientists? action. I believe clearly, we're talking about his 17 A. Not that I can recall. advocacy, if you want to go down that path. 17 18 Q. Did you consult with other academics? 18 But whether that's related to his characterization of these activities as public or A. Well, we clearly consulted with other 20 academics because they signed the letter. 20 private is another issue. 21 Okay. Did you consult with any counsel? 21 MR. HARDIN: I believe that we are going

22 to establish what he did first and then we're going

22

A. No.

22 24 1 to tie it into his position here and how it's 1 Exxon to knowingly deceive the public about a matter 2 relevant to his position here. 2 of potential grave importance to public well-being. I think for now, obviously, we need to Q. Knowingly deceiving the public about what, 4 just answer the questions that are posed. And, 4 specifically? 5 obviously, whether it's relevant, the judge will A. About the reality of climate change, about 6 eventually decide. 6 whether or not climate change is human-caused, and MR. MONCURE: Okay. Well, I just wanted about whether or not human-caused climate change 8 to interject that as a standing objection. We're represents any real threat to American -- the 9 talking about advocacy and not what he does as a American people and people worldwide. public employee. So go ahead. Q. So you believe that someone knowingly 11 MR. HARDIN: Sure. 11 misrepresenting a risk posed by climate change merits 12 Can you please read back the last question 12 investigation? 13 and response? A. Yes, I do. (The reporter read back the requested Q. Okay. So if someone, for example, were to 15 testimony.) 15 knowingly hide data indicating an increase in 16 BY MR. HARDIN: temperatures over the years, that would merit 17 Q. So what is climate denial? I'll ask that. 17 investigation? A. What's climate denial? Good question. A. Say it again, please. 19 Activities that are intentionally misrepresenting 19 Q. If someone were to hide or misrepresent or 20 what is known to be true about climate change so as 20 deceive the public relating to data which showed an 21 to convince people that climate change is not, in increase in global temperatures over time, that would 22 fact, a reality. 22 merit investigation? 23 25 So climate denial broadly bothers you A. It would be -- I suppose it depends on who 2 then? 2 it is. A. Mischaracterization of the truth But, yes, it would certainly be a 4 specifically intended to undermine the public's deception. And as such, it would be an act that, in 5 well-being, yes, typically does bother me. 5 my view, ought to be exposed. Q. Can you give me an example of these MR. MONCURE: Let me interject. It's 7 misrepresentations by ExxonMobil or others? clear that based on the letter this is the position A. No, not off the top of my head. 8 he's taken. I don't know how much you want to What should the Attorney General or the belabor this. 10 president investigate? 10 The question is whether or not it is involved in the transaction of public business. A. Whether or not it is true that the 12 MR. HARDIN: I understand your objection. 12 considerable -- in the letter, we cited considerable 13 MR. MONCURE: It's clear that he is an 13 academic evidence that ExxonMobil had been knowingly 14 taking action to deceive the public. So we were 14 advocate in this issue. 15 asking them to investigate whether or not that was 15 MR. HARDIN: Right. 16 true. 16 MR. MONCURE: We're not denying that at 17 Subsequently, there has been even more all. The question is whether that advocacy relates 18 investigative journalism looking into these very to his performance as a public official. questions. And so what we were looking for them to 19 MR. HARDIN: No. I understand your 20 investigate is the assertion that there has been objection. And eventually a judge will rule on the

relevancy of it. I believe we can probably wrap up

22 this line of questioning fairly quickly. And I'm

21 knowing deception.

There have been activities being funded by

22

26 28 1 certainly willing to stipulate that you've objected. Q. Okay. So it could apply equally. No MR. MONCURE: Well, you've got the letter 2 matter what data you're hiding that is, in fact, 3 and he's acknowledged it. So I don't know that worthy of an investigation? 4 there's much further to pursue on that. A. Sure. BY MR. HARDIN: Q. Okay. Fair enough. Do you recall --Two quick questions. First, you keep 6 well, I'll ask more broadly, in your position as 7 referring to ExxonMobil. And I have a copy of the either director of the climate change center or as a 8 letter and you just reviewed it. I can give it back professor, do you give interviews to the media? 9 to you. A. Yes. 10 I don't see the words "ExxonMobil" in the Q. Do you recall an interview with Grist, the 11 letter. And I was wondering if you were referring to online magazine or newspaper, I suppose you can call 12 ExxonMobil specifically in the letter or if there's it, Grist.org? Do you remember an interview with 13 another individual or organization you were referring 13 them? 14 to? A. At least one, yes. 15 A. If ExxonMobil isn't cited in the letter 15 Can you tell me how that interview was 16 directly, then that's clearly not what we were 16 conducted--in-person? over the phone? email? 17 calling for at that time. 17 Can you tell me which one you're asking Perhaps I am conflating the subsequent 18 about? There might have been more than one. 19 investigative journalism by insight climate news in 19 Q. There's a story I will hand you. It's the 20 the LA times, which did focus exclusively on 16th of October 2015 story that I'm specifically 21 ExxonMobil. So perhaps I'm conflating the two. asking about. You can tell me if you recognize the Q. The letter mentioned, "corporations and 22 article while you have it. 27 29 1 other organizations that have knowingly deceived the A. Yes, I do. 2 American people." That's a quote. Do you remember that interview? Can you tell me who those corporations and A. Vaguely. I believe it was conducted on 4 other organizations would have been? the telephone. 5 5 A. Obviously, I've talked about ExxonMobil 6 already, so they were clearly in my mind. 6 MR. MONCURE: My standing objection with To the extent that other oil companies regard to relevance. 8 were -- have been involved in similar activities that BY MR. HARDIN: 9 it would include them, the organizations that they Q. Right. Now, the author says that this 10 have colluded with in acts to deceive the public 10 interview was given -- "as the director of the Center 11 would be included. for Climate Change Communication at George Mason 12 Presumably, we didn't name any names University where you are studying the fine art of 13 because we didn't feel that that was warranted. convincing people, particularly conservatives, that Q. So you said hiding an increase in climate change is both very real and very bad." 15 temperatures would be a knowing deception, depending 15 Was the author accurately characterizing 16 on who it is. I believe that's what you said a 16 you? 17 minute ago; is that correct? 17 A. I wouldn't have said it in those words. 18 A. Sure. 18 But there's nothing she said that's fundamentally Q. What if you knowingly hid a decrease in 19 untrue. 20 global temperatures? Would that be a knowing 20 MR. MONCURE: Well, that's the title by

which you are identified; is that correct? You were

22 identified by that title?

21 deception?

A. Sure.

22

30 32 A. Yes. I mean, she -- I don't dispute the 1 today? 2 fact that I agreed to an interview in my capacity as A. It does. 3 director of the center. Q. Have you ever discussed the RICO issue 4 BY MR. HARDIN: 4 with any of your courses -- any of your classes here 5 Q. In that article, you discussed extensively 5 at George Mason? 6 state attorney generals across the United States A. Not to the best of my knowledge. settling with tobacco companies in the late 1990s. You speak in the Grist article --Do you remember that? A. There may -- I'm sorry. It's possible 9 9 that it's on the topic. It will be discussed in my A. I do. 10 Q. Were you engaged in that work in the course on Monday. But that's next Monday, not the 11 private sector? 11 12 A. I was not. But the work that I mentioned So to the best of my knowledge, I don't 13 earlier, the American Legacy Foundation, was 13 ever recall discussing this with any --14 established as a result of that legal settlement. But you might start? 15 So while I had no direct role in the 15 Sure. Okay. Is it something that might be 16 attorney -- state Attorney General's action against 17 the tobacco industry, my work as a public health 17 interesting to a climate change course or a climate communicator, public health communication expert, has change communication course? been focused on anti-tobacco work for large -- if not A. It would be relevant in the context of a 20 the entirety of my career. 20 general environmental scan, understanding the current 21 And that settlement then ended up funding 21 communication environment about a climate change. 22 quite a lot of anti-tobacco work that I, in fact was 22 So you said in the Grist article where the 31 33 1 directly involved in. 1 settlement money between the government and the 2 fossil fuel industry could be spent. Q. There's a quote in the Grist article. And 3 I'll ask you first whether it's an accurate quote. Have you put any thought into where it 4 The quote is: "If The White House took up could be spent? I mean, you said on a national 5 Senator Whitehouse's suggestion to wage a full 5 campaign. Do you have any specific ideas, I suppose? 6 investigation into the fossil fuel industry for all A. No, I don't. 7 of their collusion and stonewalling to confuse the So you have no idea who would receive the 8 public about the harm of fossil fuels and if a RICO 9 suit were successful and if there was a settlement A. No. That sentiment there, as you 10 between the government and the fossil fuel industry, 10 undoubtedly see, I was drawing a parallel between the 11 there is no question in my mind that a good portion current situation and the situation with the tobacco 12 of that money should be spent on a national campaign 12 industry. 13 to educate people on the risks of climate change and 13 So I was, essentially, suggesting that the 14 build their resolve to work towards solutions." 14 way that played out historically on the tobacco issue 15 is very likely to be a similar -- it's likely to play Is that an accurate quote? 16 A. Are you asking me did I say those exact out in a similar way with regard to any potential 17 words? 17 deceptions of the public about climate change. 18 Q. Did you say those words? Q. You believe that there is an analogy to be

19 made between the actions of the tobacco industry and

hiding the dangers of cigarette smoking and the

actions of ExxonMobil and others in hiding the

22 dangers of climate change?

A. I'm sure she did a very good job of

20 capturing what I said. I don't know if I said those

Q. That accurately reflects your sentiment

21 exact words, but I stand by those words.

34 36 1 on behalf of the university or on his behalf 1 A. I do. Can you describe what actions the tobacco identifying his position. 3 companies took that are analogous to the actions MR. HARDIN: Your point is well taken and 4 taken by ExxonMobil and others? certainly not waived in any sense. And my question, A. Again, it doesn't really -- I don't see as Mr. Horner just pointed out, was actually 6 any benefit in going top of mind describing a history incorrect. I was quoting from the wrong source. 7 to you that's not top of mind. So I should perhaps just start over and But it is well-known and well-documented, rephrase the question. 9 the many, many decades of deception on the part of MR. MONCURE: Okay. But I want to make 10 the tobacco industry. And ultimately, there were that -- maybe the question is that distinction. The 11 legal settlements as a result. issue is that distinction. 12 Q. So you said you haven't looked into where MR. HARDIN: Eventually, that will be a 13 the money would go or how these settlement funds 13 legal issue. 14 might be spent with respect to the climate change 14 MR. MONCURE: Right. So I object as a 15 settlement. predicate matter making that assumption. 16 But have you corresponded or discussed it 16 MR. HARDIN: Okay. That's, obviously, on 17 with anyone else? 17 the record at this point. A. No. I should say, no, not to the best of 18 MR. MONCURE: Right. 19 my recollection. 19 BY MR. HARDIN: 20 Q. When you said as a George Mason University 20 Q. Do you endorse Senator Whitehouse's call 21 professor in the Grist article that, "you strongly 21 for a RICO investigation of corporations and other 22 endorsed Senator Whitehouse's call for a RICO 22 organizations that have knowingly deceived the 35 37 1 investigation of corporations and other organizations 1 American people about the risks of climate change? 2 that have knowingly deceived the American people A. I do. 3 about the risks of climate change as a means to Q. Did you -- do you often use your George 4 forestall America's response to climate change," whom 4 Mason University title to support personal positions? 5 were you calling to be investigated? A. Do I -- well, I clearly did in this 6 instance. No, I wouldn't say I often do. MR. MONCURE: We need to qualify. 7 Speaking as a GMU professor, that could be in two MR. MONCURE: But that's who you are. 8 contexts. That could be as identifying yourself by a A. That is who I am. And I have subsequently position that you occupy or speaking on behalf of the learned that it might have been -- it, in fact, would 10 university. And I believe that's a critical have been wise for me to make very clear that I was 11 distinction. not representing the university in this matter, 12 MR. HORNER: Just to clarify, that was 12 which, indeed, I was not. 13 13 actually from the letter signed as George Mason BY MR. HARDIN: 14 University Fairfax, not the interview. Q. I'm sorry. Hold on just a second. Did 15 you subsequently learn that you should have clarified This was from the letter signed as Edward 16 Maibach, George Mason University, Fairfax, Virginia, your position in the letter as being a private one, 17 not an interview in which a reporter attributed the 17 you said? 18 GMU employment to the capacity in which he was giving A. In conversation with Tom, I asked him very 19 the interview. This is from a letter signed as GMU. 19 directly, in the future, should I engage in such 20 MR. MONCURE: See, my comment is he can activities, how would he advise me to make clear that 21 identify himself as a professor. That's what he 21 I'm acting in the capacity as a private citizen and

22 not as a representative of our university.

22 does. Your question is then whether that speech is

38 40 And he, in fact -- he suggested that's a What do you use your private account for? 2 really good practice. The exact wording is not --Not much. 3 there is no formula for the exact wording but making 3 What do you use your George Mason account 4 clear that I'm representing myself only is a smart 4 for? 5 thing to do. 5 Almost everything I do. So you say you might use this RICO idea as Would you say that there is a consensus --7 a teaching subject, but you haven't so far? 7 I suppose I'm drawing your attention back to the RICO A. To the best of my knowledge, that's issue in the letter. 9 correct. Would you say there's a consensus among 10 Q. You said you have not spoken to anyone 10 surveying climate scientists on the issue of climate change? 11 with any government office or agency about RICO. Is 12 that what you said earlier, you hadn't spoken with 12 A. There is. 13 any law enforcement? 13 What degree of consensus? Perhaps I should rephrase my question. A. It depends on which study you look at. 15 Who have you talked to about this RICO idea? 15 But the consensus would be, on the absolute most A. As I said, I spoke to the Union of conservative side, 90 percent or greater, on the 17 Concerned Scientists. To the best of my 17 other side, 99.9 percent. 18 recollection, that's the only organization I spoke to Q. Okay. I have a quote. It says: "There's 19 about it. an overwhelming scientific consensus, at least 97 20 Q. Did you speak with any government percent consensus, and that is based on surveying 21 21 officials inside or outside of law enforcement? climate scientists. 22 22 A. Not to the best of my recollection. "If you survey the literature instead of 39 41 Q. Did you speak with any political body of 1 human beings, it actually looks more like 99.9 2 government? 2 percent." A. Not to the best of my recollection. Is that a fair quote? Q. Did you speak, perhaps, with Senator A. That's a fair quote. 5 5 Whitehouse or his staff? MR. MONCURE: That's your opinion? A. I did not speak with either of them. But A. Well, that's a fair representation of 7 I do know that Senator Whitehouse knew -- was aware published data out there. It is my opinion based on 8 of our letter and, in fact, emailed the group of having read that published research. signatories a response at some point. 9 BY MR. HARDIN: 10 Q. You didn't talk to him before sending the 10 Q. Can you describe what published research 11 letter? 11 that would be? 12 12 A. There have been a whole variety of 13 Q. And you haven't had private correspondence 13 different papers, including ones that my research 14 with him since sending the letter? 14 team has worked on. 15 I am currently -- we currently have a I have not. 16 How many email accounts do you have? 16 paper -- what is called In Press. It's been 17 17 accepted, but hasn't yet appeared -- in a journal 18 One, I assume, is your George Mason 18 called Environmental Research Letters, in which we Q. 19 account? 19 review all of the published studies attempting to 20 20 quantify the extent of the consensus. 21 The other is a private account? 21 Q. So you have reviewed published studies and

22

A. It is.

22 come up with the figure that there's 99.9 percent

42 44 1 agreement in the literature? 1 that's correct. A. The 99.9 -- yes. Yes. So that is, Q. In the ballpark of 12, shall we say? 3 essentially, an estimation of published research as A. That's correct. 4 opposed to surveying climate scientists. Okay. Do you discuss the consensus among So there basically have been two types of 5 climate scientists with your class? 6 studies that have been done, surveying experts and A. Yes. 7 actually reading what has appeared in the published Q. Does this consensus among climate 8 literature. 8 scientists relate to your allegation of racketeering Q. So this 99.9 percent figure, is it your activity for collusion and stonewalling to confuse 10 research of the literature or is it based on someone 10 the public about the harm of fossil fuels? 11 else's analysis of the literature? 11 A. It does. A. Someone else's. 12 12 If there was a greater degree of 13 Whose? 13 dissonance in the studies, you wouldn't think that Q. A. There have been a couple of different 14 there was collusion going on? 15 studies. The names of the authors are eluding me at A. If I may reframe your statement. If I 16 this point. But there are at least two, if not more, 16 believe there was, in fact, a legitimate disagreement 17 published studies that have looked at the published 17 among experts about whether or not human-caused 18 literature. climate change was happening, then, yes, I would feel 19 Q. Are you familiar with a study conducted by very differently. 20 a man by the name of Cook 20 Q. So the reason that this is racketeering is 21 A. John Cook is, in fact, the first author on 21 because there's no legitimate disagreement here? 22 the study that I just referred to a moment ago. 22 This is, I suppose, a coordinated campaign of deceit? 43 45 Okay. What did John Cook find? MR. MONCURE: Are you asking for a legal 2 John's published lots of papers. 2 opinion? Q. In that particular paper that you're MR. HARDIN: I'm asking -- I'll rephrase 4 referencing about the consensus, what did he find? 4 the question. A. That there is a very, very high level of BY MR. HARDIN: 6 consensus among climate scientists about human-caused Q. What's racketeering about climate change denial is that it is deceit, I suppose, instead of 7 climate change. Q. How did he conduct his study? legitimate disagreement. A. We were reviewing the literature of all 9 Is that your characterization? 10 10 published studies. So it's a literature review. A. That would be correct. How many pieces of literature did you Q. Are you aware of individuals in the 12 review? academy or in academia who disagree with the 13 A. I'm guessing offhand there's about a dozen consensus view of climate change? 14 published studies. A. I don't personally know any. I know there Q. So when you say there was 99.99 (sic) 15 are a few. 16 percent consensus, that was based on a study of 12 Q. Okay. Do you know anyone named Freeman 17 pieces of literature? 17 Dyson? A. It's based on a summary of 12 published 18 A. I know the name. I don't know him. 19 studies. That's correct. 19 You don't know who he is? 20 20 Q. That was the universe of literature that A. I have a vague knowledge of who he is. 21 was reviewed was 12? 21 He's a physicist.

Q. Okay. You have no opinion of him or his

A. I said -- I estimated it 12, and, yes,

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4	5	48
1 work?	1 fairly along to being done	
1 work?	1 fairly close to being done.	
2 A. No. I don't know him.	2 MR. MONCURE: Okay.	
3 Q. Okay. Are you familiar with anyone named	3 BY MR. HARDIN:	
4 Christy or Spencer?	4 Q. What would you hope you said that you	
5 A. Can you give me first names?	5 hoped that ExxonMobil specifically would be, I	
6 MR. HORNER: John Christy. Roy Spencer.	6 suppose, stopped from causing deceit in the realm of	
7 A. I know the names. I don't know either of	7 climate change.	
8 them.	8 What specifically did you want them to	
9 BY MR. HARDIN:	9 stop doing?	
10 Q. You have no opinion of them or their work?	10 A. Specifically, I would like to see them	
11 A. I have no opinion of them or their work.	11 cease all activities intended to confuse or deceive	
12 Q. Are you familiar or have you heard of any	12 the public about the realities of human-caused	
13 statements by a Russian academy of physicists	13 climate change.	
14 doubting this consensus view on global warming?	14 Q. What activities would those be?	
15 A. No.	15 A. I don't know the full extent of their	
16 Q. Do you have any background in statistics	16 activities. But I certainly would like to see them	
17 or statistical analysis?	17 stop funding organizations that are out there	
18 A. I do.	18 intentionally deceiving the public.	
19 Q. What background would that be or	19 Q. Is there any correspondence between you	
20 coursework have you taken?	20 and anyone with any state Attorney General's office?	
21 A. Keep in mind, this was a long time ago. I	21 A. Not to the best of my knowledge.	
22 finished my doctoral degree in 1990. But I would	22 Q. Is there any correspondence between you	
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4	7	49
1 guess that I had a half a dozen statistics courses in	1 and anyone with the New York Office of the Attorney	49
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1	General's office?	1	Q. In your role at the university, have you	
2	A. Not to the best of my knowledge.	$\frac{1}{2}$	ever received FOIA requests?	
3	Q. Do you know who representative Grijalva	$\frac{1}{3}$	A. Yes.	
4	is?	4	Q. How many?	
5	A. California, Southern California.	5	A. Two, I believe.	
6	Q. I believe he's a representative of	6	Q. Okay.	
7	Arizona, but you may be right.	7	A. I'm not actually sure how many	
8	A. I don't know. I don't know him.	8	Q. Are at issue in this case?	
9	Q. Have you ever corresponded with him?	9	A. Yes. Are there one or two at issue in	
10	A. No, I have not corresponded with him.	1	this case?	
11	Q. Okay. Have you ever corresponded with	11	Q. One at issue, although there have been	
12	anyone in The White House	1	two.	
13	A. Yes.	13	A. Okay. Once prior. I do recall receiving	
14	Q other than the President of the United	1	a FOIA request once prior.	
15	States?	15	Q. Do you recall receiving any FOIA requests	
16	A. On this topic?		from anyone other than Mr. Horner or the Competitive	
17	Q. On any topic within the last year.		Enterprise Institute?	
18	A. Yes.	18	A. To be totally honest, I don't recall who	
19	Q. With whom?	19	the prior request came from.	
20	A. Oh, goodness. I was invited to a The	20	Q. Since you were hired at the university,	
21	White House Summit on climate and climate change	21	have you undertaken any training in the Virginia	
1	and health last summer.	1	Freedom of Information Act?	
	and nearth last summer.		Treedom of information / let:	
	51			53
1	I attended that summit. So I don't recall	1	A. I don't recall. I've taken all required	53
1 2	I attended that summit. So I don't recall	1 -	A. I don't recall. I've taken all required trainings. Trust me. There are many.	53
	I attended that summit. So I don't recall	1 -		53
2	I attended that summit. So I don't recall who invited me, but I was certainly invited by White	2 3	trainings. Trust me. There are many.	53
2 3	I attended that summit. So I don't recall who invited me, but I was certainly invited by White House people. And so that would be an affirmative.	2 3	trainings. Trust me. There are many. Q. Have you been made aware of any policies	53
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54 56 1 or did you clarify what you meant with her? Q. Okay. That's the process. Do you recall 2 receiving the specific request at issue in this case? A. Records clearly exist. And I don't recall 3 exactly what I said. But I believe I was clear in 4 What did you do when you received it? stating that I considered these to be my own personal 5 A. I believe I asked for some clarification. records because this was done on my own time in the 6 Q. Who did you receive the request from? capacity as a private citizen. 7 THE WITNESS: If you could remind me of Q. How is the Center for Climate Change 8 Elizabeth's last name. 8 funded? 9 A. We have federal grants. We have donations MR. MONCURE: Woodley. 10 10 from philanthropic -- from private foundations, small A. Elizabeth Woodley. 11 BY MR. HARDIN: donations from individuals. 12 Q. And you said you requested clarification 12 How do you solicit these funds? 13 from her? 13 We usually write grant proposals. A. Yes. Q. Do you do in-person fundraising? 15 Q. What clarification did you request? 15 Meaning, do I ever go and talk to 16 A. I wanted to get to the issue of that I 16 foundations and government agencies? 17 felt this was -- these were activities -- information 17 Or individuals. was being requested about my activities as a private 18 Yes, I do. citizen, not as a George Mason University employee. 19 Q. What do you tell them when you ask for 20 And I asked her for clarification as to 20 money? 21 21 how one should think about that. A. Generally speaking, I'd say this is a 22 Q. What did Ms. Woodley say? 22 project that I think is really exciting and important 55 57 1 and very much in need of your financial support. And A. I believe she did a cut and paste of the 2 actual statutes or regulations. And she sent them to 2 usually, the answer is thank you. 3 me and said: "This is what they say." MR. MONCURE: Well, it's a normal grant Q. Did you get any further clarification? process, isn't it? A. No. I mean, she -- you know, she asked me A. Yes, it's a normal grant process. Exactly 6 to interpret it for myself. right. That doesn't work that way with federal What did you ultimately respond to Ms. agencies, obviously. It's all done through a very 8 Woodley with? Did you give her any responsive formalized process. 9 records? The university submits the grant proposal 10 A. I did not. 10 to the government agency. And many months later, we Q. Why not? hear the answer. 12 A. Because I deemed this -- the request to be 12 BY MR. HARDIN: 13 asking for information that was generated on my -- by 13 Q. What specific projects have you fundraised 14 me in pursuit of my rights as a private citizen and 14 regarding in the last six months? 15 on my own time; in other words, completely distinct A. In the last six months, I'm pretty sure 16 from my activities as a -- or responsibilities as a 16 that everything I have fundraised for -- the only 17 Mason professor. project I have fundraised for is the project we call 18 Q. Did you consult with anyone, other than 18 our program on climate and health. 19 Ms. Woodley, prior to making that determination? 19 Q. Please explain what that program is. 20 20 I don't recall doing so. That program is a series of -- it is, 21 Q. Did you inform Ms. Woodley that records

22 did exist but you believed them to be nonresponsive

21 essentially, focused on the health -- the human

22 health implications of climate change, the health

58 60 1 harms currently associated with climate change and A. No, not on this issue. 2 the projected health harms in the future associated Q. He's -- the public record attributes --3 with climate change, and the health benefits --3 actually, no. It's emails -- George Mason University emails attribute him as having convinced the state 4 immediate health benefits, in most cases, associated 5 with the transition to clean renewable fuels as Attorneys General to prosecute, close quote, 6 opposed to fossil fuels. industry. Q. Does the center take any position on that? And then Porter Novelli got a large piece A. The center doesn't really take positions, 8 of business out of that, did they not? 9 but the center does engage in designing programs and A. We did. 10 evaluating programs intended to inform the public Q. Okay. You state -- your bio states that 11 about what the scientific -- the science base says. 11 you are the director of Mason (sic) Center for Okay. And you said earlier that there's 12 Climate Change Communication, right? 13 either a 97 or a 99 percent consensus. Those who A. Correct. You testified that your earlier job in 14 disagree, why do they disagree? A. I don't know why they disagree. As I 15 that position is raising funds? 16 16 said, I've never met any one of them myself. A. Part of. 17 MR. HARDIN: I believe I'd like to take 17 You said your chief job was the quote. We 18 about a five-minute break. 18 can go back. Your chief job is raising money to keep 19 (A break was taken.) it going. Is that still accurate? 20 BY MR. HORNER: 20 A. That is probably a little too glib. My 21 Q. Okay. Professor, you emphasized mentoring 21 chief job is to make sure that we're doing research 22 quite a bit as part of your job and one of your 22 and -- so that we are making a contribution. 59 61 1 functions. In order to do the research, we need to 2 Do you consider anyone your mentor? 2 raise funds. 3 MR. MONCURE: Consider what? Q. Okay. So do you raise funds? 4 MR. HORNER: Anyone your mentor. I do raise funds. 5 A. Oh, yeah. Q. Okay. Is your position made more secure 6 BY MR. HORNER: 6 with more substantial funding? 7 Q. Who is that? My position is -- I am a tenured member of A. Oh, I've had many wonderful mentors: the faculty. I have life-time employment. 9 Albert Bandura, professor of psychology at Stanford Q. At the Center for Climate Change 10 University; June Flora, my dissertation advisor at 10 Communication? 11 Stanford University; Bill Novelli, former CEO of AARP A. In the department of communication. 12 and former executive director of a campaign for 12 Okay. Is there any reward for 13 tobacco-free kids. 13 particularly successful fundraising for you working 14 Q. Was he at Porter Novelli when you were at for the Center for Climate Change Communication? 15 15 Porter Novelli? A. No, but thank you for making that 16 Q. Does the Robert Wood Johnson Foundation, 17 connection. He started the firm. But he was at CARE which you said was a Porter Novelli client, do they 18 by the time I was recruited to join Porter Novelli. support the center? Q. Okay. Are you still in contact with Mr. A. Yes. My very first grant at the center 20 Novelli? 20 was a grant from the Robert Wood -- well, indirectly 21 from the Robert Wood Johnson Foundation. A. I am. 22 Q. Okay. On this issue? I was made a -- the Robert Wood Johnson

62 64 1 Foundation health policy -- you would think I could 1 time that was covered last summer, but I'm going to 2 have this roll right off the tongue -- health policy guess 20 percent. So, essentially, I was an employee 3 investigator. of the university one day a week during the summer. It wasn't directly from the foundation. I And specifically in response to your 5 believe another university runs that program for 5 question, yes. I was sitting at home when I was 6 them. engaged in these activities. Where was that position or was it a roving So you can access your GMU account from 8 ambassador to perform? 8 home? 9 A. They gave me a grant proposal to, A. Correct. 10 essentially, do research on public understanding of 10 Q. Okay. You receive a summer salary in your 11 the health implications of climate change and how to positions with the university? 12 communicate about that. Only insofar as I bring in grant money to 13 O. Was that here? 13 support that time. 14 Did you receive a summer salary in 2015? That was here. 15 Did they have a role in bringing you to 15 Yes. And as I said, I would estimate it 16 George Mason University? 16 on (sic) the top of my head at about a day a week. 17 A. They did not. 17 Q. Did you use your private email account in 18 Q. Did they have a role in founding the 18 the summer of 2015? 19 Center for Climate Change Communication? 19 For this purpose, I did not. 20 A. No, they did not. 20 Q. For other purposes? 21 21 Q. Do they still support your work? A. Presumably. But as I said earlier, I 22 A. No. 22 rarely use my private email account. 63 65 Q. You stated about the emails a few moments Q. You said 18 other climate scientists wrote 2 ago that this was done in your own time in your 2 it, too. I presume that refers to the other 3 capacity as a private citizen; is that correct? 3 signatories. There were 20. 4 A. Correct. Yes. Q. What about these emails made it on your Who is Mark Cane? 6 own time in your capacity as a private citizen? I don't know Mark Cane. I'm going to raise some ideas. Was it Okay. So you don't recall corresponding 8 were you sat when you physically get it? Was it 8 with Mark Cane? 9 where you sat, where you physically were, the time of A. I don't. Would you like to remind me who 10 day, the day of the week, the system used, the email 10 Mark Cane is? 11 account used, the title on the email? He's with Columbia University. 12 What evidence indicates, supports the idea 12 If he was one of the signatories --13 13 that this was in your capacity as a private concerned He's not? 14 citizen on your own time? 14 A. Okay. Then no. 15 A. In this case, that's a very easy set of Okay. Now, the letter itself, the 16 questions to answer. 16 September 1st letter, is not limited to ExxonMobil. 17 17 In fact, it doesn't say Exxon or Mobile or This all happened last summer. I'm on a 18 nine-month contract. So I'm not actually a 18 ExxonMobil. 19 university employee during the summer except insofar 19 Who were you referring the Attorney 20 as I -- a portion of my summer salary is covered on General to with the phrase -- I'll just read the 21 my research grants. highlighted phrase -- "corporations and other 22 I don't recall the exact proportion of my 22 organizations"?

66 68 And I'm going to ask for specifics because 1 investigation. And we were introducing into the 2 you state they knowingly -- you're attributing 2 record where lots of evidence exists. O. You've asked and answered. But I want to 3 knowledge to somebody, not an idea, but to somebody 4 reaffirm. 4 as to knowingly deceive the American people about 5 risks. You see -- a federal RICO investigation is 6 The methods of these organizations are 6 a serious matter in your mind, correct? 7 quite similar to those used earlier. So you're A. Yes, it is. 8 referring to someone by corporations and other Q. So calling for one is a serious matter in 9 organizations. 9 your mind, also? 10 Who were you referring the Attorney It is, yes. 11 General to? 11 So you gave this thought beforehand? 12 MR. MONCURE: I'm going to interject my I did. 13 objection at this point and let him answer. I just And you're not an expert on RICO. But you 14 want to note that is a continuing objection. 14 do agree that you're expert enough on RICO to call A. If I recall the letter, we had immediately 15 for RICO investigations of parties? 16 prior to that introduced into the record, so to 16 A. I don't -- yes. 17 speak, the literature in which all of this has been 17 What we did is we recommended that the investigated. And the arguments have been laid out. 18 administration take seriously Senator Whitehouse's 19 So we, obviously, chose not to name names, call for a RICO investigation, so yes. 20 other than to, essentially, point to where the 20 Q. Of dark forces? Of whom? There's no --21 21 evidence lies. A. Of organizations -- fossil fuel 22 BY MR. HORNER: 22 organizations and their allies who have been involved 67 69 Q. Okay. So did you expect the Attorney 1 in knowingly deceiving the public about the dangers 2 General to read six books? 2 of climate change. A. Sure. Why not? "Knowingly" is a state of mind. So who is Q. Okay. Was there any discussion of what 4 this? 5 the expected outcome of this letter would be among A. You've asked and I've answered. I don't 6 the signatories? 6 know what to say about that. A. Yes, an investigation. Q. So there's no evidence of any racketeering 8 that you're referring to in this letter? Do you have Q. An investigation? A. Yes, by the Federal Government. any evidence of any racketeering that you're 10 Q. Into whom? 10 referring to in this letter? A. Into organizations that -- for which there A. I do not personally, no. That's not the 12 is credible evidence that they have engaged in 12 nature of my business. 13 deception. 13 Q. Have you ever reviewed a list of RICO 14 What is that credible evidence? 14 predicate offenses? Q. 15 A. The credible evidence is referred to in 15 I have not. 16 the letter. 16 So are you referring to any RICO predicate Q. Do you have any evidence of racketeering 17 offense that you think someone specifically violated? 18 by anybody you're referring to in this letter? 18 A. Since I don't exactly understand the A. Since I've already stated I don't; I'm not 19 question, the answer is certainly no. 20 an expert on racketeering, no, I can't say that I do 20 Q. Well, I'll make sure the question is 21 or I don't. But I can say that we were seconding 21 clear. Is there any RICO predicate offense you were

22 referring to as having been violated in this letter?

22 Senator Whitehouse's call for a racketeering

70 72 A. As I've already said, I don't know RICO 1 scientific consensus that human activities are 2 well enough to know what qualifies and what doesn't. creating -- are changing the Earth's climate and that 3 But I do know Senator Whitehouse to be a serious 3 the projections about the consequences for that span 4 elected official who feels -- and a former projections that are at very least serious; at very 5 prosecutor, I believe, who feels that there is basis most, much more than just serious. 6 for such an investigation. And any activities that are knowingly We identified further evidence in our engaged in in order to paint a different picture 8 letter and we seconded his call for action. especially activities that aren't based on evidence, Q. Since RICO provides for private Attorneys but are just based on, frankly, public relations and 10 General, have you approached any counsel to take this spin and deception, that is the truth that I would 11 case? object to being distorted. 12 A. I have not. 12 Q. Did you work for a public relations firm? 13 13 Q. Are you aware of any counsel having 14 rejected taking a RICO case against these nondescript Do you know people who engage public 15 parties? 15 relations firms? 16 16 A. I do not. A. I do. 17 Q. What were the objectives of the letter? 17 Do groups like Union Concerned Scientists 18 So far you've said, to stop ExxonMobil from funding 18 engage in public relations? 19 groups who do what? Do they engage -- yes, they do. 20 A. The objective of the letter was to stop 20 Q. What is your basis for the claimed 21 ExxonMobil from engaging in deceptive activities 21 consensus? You said both 99.07. 22 related to climate change. 22 Do you agree there's a 97 percent 71 73 Was it to get them to stop funding groups? 1 consensus? A. That is -- as I say, I don't know. I am Yes 3 not an expert on ExxonMobil's activities or any other What do they agree to? 4 oil company's activities. That human-caused climate change is 5 happening. But I do know this is one of the ways in 6 which they have worked in the past, in which at least Q. Is happening? 7 ExxonMobil has pledged in the past to no longer Correct. pursue and has been shown to continue to pursue. Okay. And that it's caused by humans MR. MONCURE: Asked and answered. And I partially? somewhat? majority? What is it that the 10 object continuously. 97 percent agree to that if you challenge this 97 percent it warrants investigation? BY MR. HORNER: 12 What is the basis for the 97 percent? Q. What is climate denial? We can go back. 13 You referred to it several times. What is climate 13 A. The different studies that have looked at 14 denial? 14 this question of the extent of the consensus, they've 15 A. I feel that question has been asked and used different levels. They've used different 16 answered as well. questions if it was survey-based and they've used, Q. Alright. Then to refer to your prior essentially, different criteria if they were 18 answer, you said it was denying the truth. What is 18 literature-review based. 19 the truth that if you deny it it's climate denial? You said the literature review is 99.9 20 What is the truth that, if you deny it, 20 percent. I'm asking you about the 97 percent. You 21 warrants investigation? 21 said that was two studies, Cook --

A. The truth is that there is an overwhelming

A. No. It's been a variety of survey

74 76 Q. So the 97 percent -- do you know what they 1 studies. O. Okay. Which ones? 2 were asked, how many people agreed to what? Because A. So the very first one was done by 3 it's a very -- it's not 96 and it's not 98 percent. 4 Zimmerman, Maggie Zimmerman. And I'm forgetting the 4 It's 97 percent. So I'm curious. 5 name of her co-author. Is this the 77 of 79 respondent's infamous At any rate, not having prepared for this, study, which is the popular 97 percent? A. That would be the very first study that 7 I can't do it off the top of my head. MR. MONCURE: Let me interject. You all 8 was done, correct. 9 have made references to studies with which he's Q. And do you know how many were actually 10 unfamiliar. I don't know the substance of the 10 asked of the 79 who responded? 11 studies that you refer to. I assume, they're outside A. Many more were asked. I believe the 12 of the issue. But the studies you referenced he did 12 reason -- and I don't know that 79 is necessarily the 13 not know anything about. number, but I know what you're referring to. MR. HORNER: To clarify, Thomas, we're It was a subset of the total population of 15 responding to the professor's invocation of studies. 15 respondents who claimed to be experts in climate 16 And the record will reflect that. change and who were active contributors to the 17 MR. MONCURE: Okay. Well, this is his published literature in climate change. 18 opinion. And that's what we're dealing with. And it was under 100 respondents who fell 19 MR. HORNER: He strongly disagreed with under that category. 20 that when you suggested that's his opinion. He said 20 Q. Is there a definition for a climate expert 21 that's when the truth and reality was invoked as 21 or is there one that you adhere to, at least? 22 well. So I'm just asking --22 A. To the best of my knowledge, all of these 75 77 BY MR. HORNER: 1 studies have, essentially, allowed people to, you 2 2 know -- surveys are almost by definition a -- they Q. What were they asked? A. I can't give you that off the top of my 3 are based on the truth-telling of the respondents. 4 head because I don't know it off the top of my head. So each of the studies would have asked 5 I'm happy to provide you with the studies. 5 the person's bona fides as a climate scientist in a MR. MONCURE: We are way off-track on a different way. 7 FOIA issue. Okay. Did you participate in any of these surveys that you're referring to? MR. HORNER: I think you'll see, for the 9 reasons you've stated, you called for a federal RICO Yes. My team did one of them. 10 10 investigation as citing only your university Did you respond to any of the surveys? 11 affiliation, not as a member of society, not a paper 11 A. 12 you authored, not a degree holder, the professor 12 Okay. Do you consider yourself a climate Q. 13 (sic). Everyone elected consciously, I assume, to 13 expert? 14 identify themselves as the university. A. I consider myself an expert on climate 15 BY MR. HORNER: 15 change communication. 16 Q. Was there any discussion, Professor, 16 Climate change communication, okay. Thank 17 before the letter was sent about how to identify the 17 you. 18 signatories, how the signatories should identify 18 BY MR. HARDIN: 19 themselves? 19 Q. I have a couple more questions and then we 20 20 A. No. can wrap this up.

21

Q. Okay.

A. Again, not that I'm aware of.

21

22 Autobahn Magazine?

Do you recall giving an interview to

78 80 1 Yes, Elizabeth Kolbert. MR. MONCURE: He's answered the question. Yes. How was that interview conducted? MR. HARDIN: I was just clarifying that 3 On the telephone. 3 one for the record. I thought it was fairly clear, 4 There was a quote. You can tell me but we need to make sure it's absolutely clear. And 5 whether it's accurate. She quotes you as saying: I believe that might be it. 6 "The single most common myth about climate change BY MR. HORNER: 7 among Americans is that there's a lot of disagreement Q. I have one question -- I'm sorry, Thomas, among the experts. and Professor Maibach -- I forgot. "And the reason why they think there is a I want to follow up on one thing. Mr. 10 lot of disagreement among the experts is because 10 Hardin had asked you about individuals, if they 11 there was an intentional strategy to sew the seeds of knowingly deceived the American -- is -- knowingly 12 doubt." deceived the American people about the risk of 13 climate change is the offense or what warrants Is that an accurate quote? 14 A. That's an accurate quote. 14 investigation, right? 15 What can you tell me about this 15 A. In my view. 16 intentional strategy to sew the seeds of doubt? 16 Okay. So if Christy and Spenser -- they 17 A. The intentional strategy to sew the seeds 17 keep the satellite temperature record. 18 of doubt has been amply documented in the academic If they were found to have increased --19 literature. We referenced six full length books to I'm sorry, not increased -- hidden an increase in the 20 the effect in the letter of concern. And there are temperature in the satellite record, would that lots of other studies as well. warrant investigation as knowingly deceiving the 22 O. Six books are referenced in the letter. 22 American people? 79 81 1 What do the books say if I was to read them? A. They -- they as individual climate A. The books document the actors and their scientists, if they are fudging their data, then I 3 methods to knowingly deceive the public about would say, yes, that would be investigation worthy. 4 4 human-caused climate change. But I wouldn't think that that would be Q. "Doubt is Their Product," written by 5 investigation worthy by the Federal Government. I 6 somebody named Michaels. Can you tell me what actors would think it would be investigation worthy by their 7 are detailed in that book? funders or by the journals that had published their A. Not off the top of my head. Q. How about "Climate Coverup," written by 9 MR. MONCURE: You've already made it clear 10 Hoggan and Littlemoore in 2009? Any particular 10 that you're not an expert on RICO. 11 actors you recall in that book? A. Correct. 12 12 A. As I will answer to all of your questions MR. HORNER: But he is an expert on what 13 along this line, I did not prepare to -- these are 13 he wrote. He's the world's leading expert on what he 14 books that I've read at different points in the past. wrote. And he wrote that, "knowingly deceiving the 15 And I'm not prepared to tell you what I remember and American people about the risk of climate change 16 don't remember. warrants investigation." 17 17 Q. To clarify just for the record then and to BY MR. HORNER: 18 save time, "Merchants of Doubt," "The Climate War," 18 Q. And I'm saying, it's not just -- I mean, 19 and "The Climate Deception Dossiers," you don't of all the people who know, it would seem to be

20 recall any particular actors doing any particular

A. Nothing that I choose to speculate about.

21 things in any of them right now?

20

21

22 about a scientist?

climate scientists as opposed to CEOs is my premise.

So as opposed to going after CEOs, how

		I		
	82			84
1	If they knowingly deceived the public by	1	records in response to Ms. Woodley's notification?	
2	hiding an increase in temperatures, does that also	2	A. I did no searching. Instead I asked for	
3	warrant investigation? That's my question.	3	clarification and received as I told you, received	
4	A. It does.	4	the letter of the law and got back to her and said:	
5	Q. Okay. What if they hide a decline in	5	"I deem these to be records associated with my	
6	temperatures? Does that warrant an investigation?	6		
7	A. Any knowing deception warrants in	7	Q. You did not search. You just clarified	
8	science warrants an investigation.	8	the legal point?	
9	Q. Okay. Previously and this is what I	9	A. Correct.	
10	wanted to clarify you said, "it depends on who it	10	Q. Have you at any time since then searched?	
1	is." Please elaborate.	11	A. No.	
12	What did you mean by that, "it depends on	12	MR. HARDIN: Okay. Thank you.	
13	who it is"?	13	THE WITNESS: My pleasure.	
14	A. I don't know what I meant by that. Can	14	EXAMINATION BY COUNSEL FOR	
15	you give me a context?		RESPONDENT	
16	MR. HORNER: Can you go back? Can you	15	BY MR. MONCURE:	
17	word search? The question for Mr. Hardin was:	16	Q. You say you're on a nine-month contract;	
18	"would hiding an increase in temperatures warrant an	17	is that correct?	
19	investigation?"	18	A. That's correct.	
20	You said, "Yes."	19	Q. So that's academic year, correct?	
21	"Would hiding a decline in temperature,"	20	A. Yes.	
22	(sic) you said, "it depends on who it is." I want to	21	Q. During the academic year are there any	
		22	provisions in the faculty handbook that allow you to	
	83			85
1	know what that meant	1	pursue outside activities during the academic year?	85
	know what that meant.	1	pursue outside activities during the academic year?	85
2	know what that meant. A. Whatever I said I can answer the question	2	A. There are.	85
2 3	know what that meant. A. Whatever I said I can answer the question now. Any deception warrants an investigation.	2 3	A. There are.Q. That's the one-day-a-week provision?	85
2 3 4	know what that meant. A. Whatever I said I can answer the question now. Any deception warrants an investigation. MR. HORNER: Okay. Thank you.	2 3 4	A. There are.Q. That's the one-day-a-week provision?A. Correct.	85
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2 3 4 5 6	know what that meant. A. Whatever I said I can answer the question now. Any deception warrants an investigation. MR. HORNER: Okay. Thank you. MR. HARDIN: I'm ready to move to Ms. Woodley.	2 3 4 5 6	 A. There are. Q. That's the one-day-a-week provision? A. Correct. Q. Are you permitted to use university assets for that? 	85
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1 A. I know who he is. I've never met him. 2 Q. Okay. What is his take on climate change? 3 A. I don't know. I know that he has been 4 accused of producing a document that included lots of 5 plagiarism and erroneous information. 6 Q. Would that be the hockey stick graph of 7 Professor Mann? 8 A. I'm sorry. Is that related to the 9 question about 10 Q. Yes, Wegman. 11 A. I actually don't know. 12 Q. Okay. So is it fair to say the university 13 has taken no position on climate change? 14 A. As I said, I'm unaware that the university 15 takes positions on anything. 16 Q. Okay. So what you are suggesting in this 17 letter and all of your other documents is personal 18 advocacy on your part? 19 A. That would be fair. 20 Q. Okay. 21 MR. MONCURE: I think I'm good. Any other	CERTIFICATE OF NOTARY PUBLIC I, SHERRY L. BROOKS, the officer before whom the foregoing deposition was taken, do hereby certify that the witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness was taken by me in stenotype and thereafter reduced to typewriting under my direction; that said deposition is a true record of the testimony given by said witness; that I am neither counsel for, related to, nor employed by any of the parties to the action in which this deposition was taken; and, further, that I am not a relative or employee of any counsel or attorney employed by the parties hereto, nor financially or otherwise interested in the outcome of this action. SHERRY L. BROOKS Notary Public in and for the Commonwealth of Virginia My Commission Expires: June 30, 2016 Notary Registration Number - 7218425
22 questions? 1 MR. HARDIN: I think I'm good. 2 MR. HORNER: I'm good. 3 THE REPORTER: Reading and signing? 4 MR. MONCURE: Yes, I would like to review. 5 I would not waive. 6 THE REPORTER: Would you like a copy, sir? 7 MR. MONCURE: Yes. 8 THE REPORTER: Mr. Horner, would you like 9 a copy? 10 MR. HORNER: I would. Thank you. 11 (Whereupon, at 11:45 a.m., the 12 deposition of EDWARD MAIBACH 13 was concluded.) 14 (Signature reserved.) 15 16 17 18 19 20 21 22	1 A C K N O W L E D G E M E N T O F D E P O N E N T 3 I, EDWARD MAIBACH, do hereby acknowledge I have 4 read and examined the foregoing pages of testimony, and 5 the same is a true, correct and complete 6 transcription of the testimony given by me, and any 7 changes of corrections, if any, appear in the 8 attached errata sheet signed by me. 9 10 11 12 13 14 15 Date EDWARD MAIBACH 17 18 19 20 21 22

	90	
1	Thomas M. Moncure, Jr., Esquire	
	Office of University Counsel	
2	4400 University Drive, MS 2A3 Fairfax, VA 22030	
3	raniax, vA 22030	
4	IN RE: Christopher Horner -V- Rector and Visitors of George Mason University	
5	·	
6 7	Dear Mr. Moncure:	
8	Enclosed please find your copy of the deposition	
9 10	of EDWARD MAIBACH, along with the original signature page. As agreed, you will be responsible for	
11	contacting the witness regarding signature.	
12	Within 21 days of Friday, February 19, 2016, please forward errata sheet and original signed	
	signature page to counsel for PETITIONERS, MATTHEW	
15	D. HARDIN.	
16	If you have any questions, please do not	
17 18	hesitate to call. Thank you. Yours,	
19		
20	Sherry L. Brooks, CLR Reporter/Notary	
21		
22	cc: Matthew D. Hardin, Esq.	
	91	
1	Capital Reporting Company	
2	1821 Jefferson Place, Northwest Third Floor	
3	Washington, DC 20036 (202) 857-DEPO	
4	ERRATA SHEET	
)	Case Name: CHRISTOPHER HORNER -V- RECTOR AND VISITORS OF GEORGE MASON UNIVERSITY	
6	Witness Name: EDWARD MAIBACH	
7	Deposition Date: Friday, February 5, 2016	
8	Page No.: Line No.: Change/Reason for Change:	
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	Signature	
22	Signature Date	

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\$200 15:9		993-2340 2:13	acting 37:21
	4	993-2619 2:13	action 21:16 23:14
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