

# Withdrawal/Redaction Sheet

## Clinton Library

| DOCUMENT NO.<br>AND TYPE | SUBJECT/TITLE                                                                     | DATE        | RESTRICTION |
|--------------------------|-----------------------------------------------------------------------------------|-------------|-------------|
| 001. memo                | Virginia L. Cearley to Sarah Howes Re: Re: Millennium Evenin in October (2 pages) | 09/02/1999  | P5          |
| 002. email               | Leela deSouza to Sarah Howes Re: Millennium Evening Invitees (1 page)             | 09/05/1999  | P5          |
| 003. email               | Sarah Howes Re: 10 min. for question help [partial] (1 page)                      | 10/041/1999 | P6/b(6)     |

### COLLECTION:

Clinton Presidential Records  
Automated Records Management System [Email]  
WHO ([Millennium Evening; Informatics Meets Genomics])  
OA/Box Number: 500000

### FOLDER TITLE:

[09/02/1999-10/05/1999]

Kara Ellis  
2006-0509-F  
ke24

### RESTRICTION CODES

#### Presidential Records Act - [44 U.S.C. 2204(a)]

P1 National Security Classified Information [(a)(1) of the PRA]  
P2 Relating to the appointment to Federal office [(a)(2) of the PRA]  
P3 Release would violate a Federal statute [(a)(3) of the PRA]  
P4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]  
P5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]  
P6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Personal record misfile defined in accordance with 44 U.S.C. 2201(3).

RR. Document will be reviewed upon request.

#### Freedom of Information Act - [5 U.S.C. 552(b)]

b(1) National security classified information [(b)(1) of the FOIA]  
b(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]  
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b(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]  
b(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]  
b(9) Release would disclose geological or geophysical information concerning wells [(b)(9) of the FOIA]

RECORD TYPE: PRESIDENTIAL (NOTES MAIL)

CREATOR: Virginia L. Cearley ( CN=Virginia L. Cearley/OU=WHO/O=EOP [ WHO ] )

CREATION DATE/TIME: 2-SEP-1999 12:10:42.00

SUBJECT: Re: Millennium Evening in October

TO: Sarah Howes ( CN=Sarah Howes/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

TEXT:

I passed this on to Ellen and just got from her that her deadline is end of next week for the memo to HRC. I think she feels the 13th is too late -- that is cutting it close.

----- Forwarded by Virginia L. Cearley/WHO/EOP on  
09/02/99 12:08 PM -----

Holly L. Gwin  
09/02/99 11:51:36 AM  
Record Type: Record

To: Virginia L. Cearley/WHO/EOP@EOP  
cc:  
bcc:  
Subject: Re: Millennium Evening in October

If you are still thinking about using a futurist to set the stage for the evening, then you might consider talking with William Halal, at GWU, and with Joe Coates, who runs Coates&Jarratt (also here in DC). There are at least a couple of writers, Stephen Jay Gould (natural history) and Ray Kurzweil (thinking machines), who are visionary and explain very complex technical issues beautifully in their prose who I've also heard are eloquent speakers (but I haven't heard them).

If Ellen wants to talk to PCAST members about the interesting research questions still to be answered in the 21st century, I recommend Chuck Vest (President of MIT), who has written an article about the important questions we still don't know how to answer, and Murray Gell-Mann (Santa Fe Institute), a Nobel Prize winner who loves language (he wrote a book called the Quark and the Jaguar) and lofty thoughts about the future of S&T.

Let me know if you need additional information.

I

Virginia L. Cearley  
09/02/99 10:52:16 AM  
Record Type: Record

To: Holly L. Gwin/OSTP/EOP@EOP  
cc:

Subject: Millennium Evening in October

Holly, thank you for getting back to me. Ellen wanted me to get in touch with you about the millennium evenign idea. I know you were involved in a preliminary discussion about the topic -- they are now honing in on the focus of the evening and exploring ideas for speakers. We are doing a round of outreach calls to get ideas -- Ellen wants to present the more finalized topic and program for the evening to the First Lady next week. If you did have any additional thoughts you wanted to share or speaker ideas, please do let either me or Ellen know directly. Sarah Howes is also going to be doing a lot of the research for the evening. Thanks for your help.

Ginger

RECORD TYPE: PRESIDENTIAL (NOTES MAIL)

CREATOR: Leela deSouza ( CN=Leela deSouza/OU=WHO/O=EOP [ WHO ] )

CREATION DATE/TIME: 5-SEP-1999 15:19:24.00

SUBJECT: Millennium Evening invitees

TO: Ellen M. Lovell ( CN=Ellen M. Lovell/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

TO: Sarah Howes ( CN=Sarah Howes/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

CC: Jordan Tamagni ( CN=Jordan Tamagni/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

CC: Anne F. Donovan ( CN=Anne F. Donovan/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

CC: Sharon K. Gill ( CN=Sharon K. Gill/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

TEXT:

Ellen and Sarah,

As we discussed on Friday, there are several people that have been extremely helpful on the October Millennium Evening research thus far that we should make sure to include on the invite list because of their expertise. (One or two may even be great as 'scripted pop-ups'). I have passed along the bios of most of these people to you Sarah, and when you have the chance please provide the background information required for the invite list. I apologize, but am trying to get much wrapped-up right now and wanted you all to at least have the names:

1. Francis Collins, NIH (if not one of the main speakers)
2. Kathy Hudson, NIH. Did much to assist me on the early Genome Research proposals and is Collins' right hand.
3. Maxine Singer, President of the Carnegie Institute and Scientist Emeritus at the NIH, where she retains her laboratory and research work. One of the most accomplished woman scientists in the country...see amazing bio. Recently awarded the Vannevar Bush award from the National Science Foundation, one of the top prizes awarded in science. She has previously won the Distinguished Presidential Rank Award and the National Medal of Science.
4. Elmer Johnson, President of the Aspen Institute, leading thinker on technology and the future. Martin Marty recommended I speak with him. As I reviewed with you, we had a great conversation....he would be an excellent addition to the audience.
5. David Singer, President and CEO of GeneSoft, Inc, a new company that is developing the technology to allow medicine to affect proteins through DNA, before the onset of disease. Prior to starting this company Mr. Singer was the co-founder, President and CEO of Affymetrix, which is now one of the leading companies that developed the technology for making and reading DNA chips. He is 36 years old and a devoted Democrat; he is also Maxine Singer's son!

Please consider these names carefully, they would all be great additions to the audience, if not part of the program. Would be happy to provide additional info later if necessary.

Thanks,

Leela

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------|------------|-------------|
| 001. email               | Terry Edmonds to Samir Afridi Re: millennium draft [partial] (1 page)                                                 | 10/12/1999 | P6/b(6)     |
| 002. email               | To Laura E. Schiller Re: Re: briefing materials (4 pages)                                                             | 10/12/1999 | P5          |
| 003. email               | Ellen M. Lovell to Laura E. Schiller Re: from Ellen comments on the First Lady's Millennium Evening remarks (2 pages) | 10/12/1999 | P5          |

### COLLECTION:

Clinton Presidential Records  
Automated Records Management System [Email]  
WHO ([Millennium Evening; Informatics Meets Genomics])  
OA/Box Number: 500000

### FOLDER TITLE:

[10/08/1999 - 10/22/1999]

Kara Ellis  
2006-0509-F  
ke25

### RESTRICTION CODES

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RECORD TYPE: PRESIDENTIAL (NOTES MAIL)

CREATOR: Lszooney@aol.com@INET@LNGTWY ( Lszooney@aol.com@INET@LNGTWY [ UNKNOWN ] )

CREATION DATE/TIME:12-OCT-1999 07:25:32.00

SUBJECT: Re: briefing materials

TO: Laura E. Schiller@eop ( Laura E. Schiller@eop [ WHO ] )

READ:UNKNOWN

TEXT:

This still have a few questions and empty spots to be filled in, but here's the basic gist. thanks for all your help. what you both did made this much, much easier.

FIRST LADY HILLARY RODHAM CLINTON  
REMARKS MILLENNIUM EVENING AT THE WHITE HOUSE  
INFORMATICS MEETS GENOMICS  
OCTOBER 12, 1999

Imagine for a moment that it's 2030.. You can check on your children through videos sent over the Internet. You can speak into a computer, and have your words translated into Japanese and then printed out. If you're paralyzed in an accident, you can regain your mobility. And if you go blind, you will be once again be able to see.

Welcome to the future - and to the 8th Millennium Evening at the White House.

Tonight we will explore the explosion of information technology and genetic research - and how they are combining to shape how we live, learn, and think in the next century.

I want to thank our sponsor, the National Endowment for the Humanities - and its chairman, Bill Ferris. I want to recognize the many members of the President's Administration who are here - including Secretary Shalala, NIH Director Harold Varmus, and Francis Collins, Director of the Human Genome Project.

We are actually using some of the science that we're celebrating tonight. People from all over the world can participate in this event via satellite and over the Internet, thanks to John Shoemaker and the entire team at Sun Microsystems. And right here in this room, we can (on these plasma screens, thanks to Pioneer New Technologies.

For the past two years, we have used these Millennium Evenings to showcase the art, culture, history, and science that define us as a people and a nation. When Bernard Bailyn came, this room was filled with historians. When Wynton Marsalis came, it was filled with jazz musicians. And, it is safe to say that tonight we have the largest gathering of geneticists and [information side?] ever in the East Room.

[Honor the Past; Imagine the Future?]

If we pick up any magazine or a newspaper these days, these are the kinds of headlines we find: "Twins: Unlocking the Secret of Identity" (Psychology Today). "How the Wireless World will Change Your Life" (Newsweek). "DNA Mapping: Light at the End of the Tunnel" (Time).

We are on the brink of discoveries that are astonishing in their complexity and their implications for human life in the next decades. But they didn't happen overnight. These revolutions have been driven by our American quest for knowledge, innovation, and science - and the willingness of the public and private sectors to invest in them. More than 200 years ago, before we even had a Bill of Rights, our second President, John Adams create the American Academy of Arts and Sciences to, in their words "cultivate every art and science, which may tend to advance the interests, honor, dignity and happiness of a free, independent, and virtuous people." That is what drove us to create the Internet or find the three billion letters of genetic instructions to the human body. And it must still drive us today. We must be willing to invest in increasing the storehouse of knowledge, regardless of whether we can see its commercial potential. [After all, when Vince Cerf and Robert Kahn found a way for computers to talk to one another, they certainly didn't imagine E-bay or Amazon.Com.]

Even in the face of these great breakthroughs, there are many who rightly worry that our science is developing faster than our ability to understand its implications. Because behind each of the headlines we read, we find not only great possibilities, but also profound ethical questions that we must answer together: As we gather more information - whether it is commercial transactions posted on the Internet, or genetic information collected by doctors - who owns that information? How will we protect our privacy? How will we make sure that our genes are used to heal us, not deny us health insurance or jobs? What does justice and equality mean in an electronic world?

In one of his short stories, Ray Bradbury's vision of the year 2030 has some similarities to the one that I started with tonight. The windows wash themselves. Breakfast cooks itself. And a voice machine reminds you of birthdays, anniversaries and bills to be paid - which is especially handy, I can attest, as you get older. There's only one big difference. There are no people. The population has been wiped out and all that's left are machines.

Standing here, with only 80 days left until the Millennium, we have a chance to imagine - and create -- a very different future. A future in which revolutions in information and biology benefit, don't eclipse, our humanity.!

Where our ethics keep pace with our science. A future where our investments in science dramatically improve not only how long we live, but how we live. Because, unlike science fiction, how this story ends is in all of our hands.

So, I want to thank you all for coming tonight. We have invited two distinguished scientists to help us understand the promises and perils of information technology and genetic research. Both have won numerous awards. Both have [academic?] First Dr. Vinton Cerf will give us a quick overview of the growth and future of the Internet. Then Dr. Eric Lander will tell us about the revolution in genetics and where it is leading us. I want to welcome you both, and your families to the White House.

Dr. Lander actually started his career as a Mathematician. As a high school student he even won a place on the first US team to the International Mathematical Olympiad, held in East Germany. This was at the height of the Cold War. But, when his team and the Russian math team met at the competitions, they hit it off. They spent evenings tossing water balloons down onto the streets (in defiance?). And he has clearly been building bridges ever since. He's built bridges to public policy by contributing his time as an NIH panelist. He's built bridges to the private sector - as the founder of Millennium Pharmaceuticals. And now, he's building bridges between [ ], as the Director of the Whitehead/MIT Institute Genome Research

Now, I'm told that Dr. Cerf, one of the fathers of the Internet, also got his start in high school. Back then, he and his best friend got permission to use a computer at UCLA. When the building was locked on weekends, they would simply climb up to an open third story window. The machine was the size of a refrigerator and had the computing power of today's hand held calculators. But, he was consumed by the possibility it held - and has been scaling wall after wall ever since then to fulfill it.

At the Advanced Research Projects Agency of the Department of Defense, he helped to develop the procedures, or protocols, that computers use to communicate with each other. He is chairing the new Internet Societal Task Force that is helping us to make the Internet accessible to everyone. And he is senior vice president at MCI WorldCom for Internet Architecture and Technology.

I am honored to introduce [title?] Vint Cerf.

[Cerf speaks approximately 12 minutes]



HRC steps back to podium.

Thank you, Vint. And thank you Sigrid, for that wonderful demonstration.  
(of how the deaf can hear, using new technologies.) Vint told us about one information system that is changing our lives, and implied that it will even combine with biotechnology. Now to explain the information system known as the genome, is Eric Landau.

RECORD TYPE: PRESIDENTIAL (NOTES MAIL)

CREATOR: Ellen M. Lovell ( CN=Ellen M. Lovell/OU=WHO/O=EOP [ WHO ] )

CREATION DATE/TIME:12-OCT-1999 15:01:53.00

SUBJECT: from Ellen comments on the First Lady's Millennium Evening remarks

TO: Laura E. Schiller ( CN=Laura E. Schiller/OU=WHO/O=EOP@EOP [ WHO ] )

READ:UNKNOWN

TEXT:

talked to Ellen about these and have her comments in CAPS below

----- Forwarded by Ellen M. Lovell/WHO/EOP on 10/12/99

03:00 PM -----

Jeffrey M. Smith

10/12/99 01:14:25 PM

Record Type: Record

To: Ellen M. Lovell/WHO/EOP@EOP

cc: Sarah Howes/WHO/EOP@EOP, Lori A. Perine/OSTP/EOP@EOP, Neal

Lane/OSTP/EOP@EOP, Rachel E. Levinson/OSTP/EOP@EOP

Subject: comments on the First Lady's Millennium Evening remarks

Ellen -- here's a number of suggested edits from our office that you might consider...

-- Jeff Smith

(^-6047)

-----  
Record Type: Record

To: Jeffrey M. Smith/OSTP/EOP@EOP

cc:

Subject: Problem Phrase in FL's Speech for Tonight

Jeff,

The very beginning of the proposed speech for the First Lady contains the phrase: "You can check on your children through videos sent over the Internet."

Unfortunately, when previously evoked, this image has raised a number of controversial issues concerning:

1. privacy -- i.e. whether others captured in these videos have given their consent to be monitored
2. safety and security -- videos transmitted over the Internet could be captured by others, perhaps endangering the safety of the child

Here are some alternative phrases that could be used that will capture the intent, but be less subject to controversy:

1. You can instantly teleconference with your children, anytime, anywhere, via the Internet. USE THIS ONE

2. You can locate the whereabouts of any member of your family using GPS and maps created on the fly via the Internet.
3. You can have instant consultations with your [children's] doctor via the Internet.

Lori

-----  
-----  
Rachel E. Levinson

10/12/99 12:19:42 PM

Record Type: Record

To: Jeffrey M. Smith/OSTP/EOP@EOP

cc:

Subject: remarks

HRC

Francis Collins is the Director of NIH's part of the Human Genome Project. Either say Directors and acknowledge Ari Patrinos (DOE) and Michael Morgan (UK's Wellcome Trust), all of whom will be there, or say the NIH Human Genome Project and mention only Francis Collins. NIH HUMAN GENOME PROJECT MENTIONING ONLY COLLINS

Page 6, first paragraph - word missing in line 7: And he has been bringing people and disciplines TOGETHER ever since. YES

Line 9 - substitute "advisor" for "panelist." YES

Very nice remarks

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-----  
If you're going to acknowledge a number of Administration's S&T leaders that are present, you might consider adding, "...and Neal Lane, the President's Science Advisor..."