

WEBVTT

NOTE duration: "00:57:27.168"

NOTE Confidence: 0.9923483

00:00:00.080 --> 00:00:01.540 It's really my honor,

NOTE Confidence: 0.9961543

00:00:02.399 --> 00:00:03.860 to moderate today's,

NOTE Confidence: 0.94745654

00:00:04.559 --> 00:00:06.500 Paul Calabresi Memorial Lectureship,

NOTE Confidence: 0.8946927

00:00:07.520 --> 00:00:09.280 with doctor Robert Winn, the

NOTE Confidence: 0.8946927

00:00:09.280 --> 00:00:11.619 impact of community focused approach.

NOTE Confidence: 0.9544724

00:00:12.644 --> 00:00:13.384 Here today,

NOTE Confidence: 0.99454796

00:00:13.684 --> 00:00:15.385 and for the sixteenth time,

NOTE Confidence: 0.87112

00:00:15.844 --> 00:00:17.465 we honor doctor Paula Calabresi,

NOTE Confidence: 0.92623067

00:00:17.845 --> 00:00:19.525 who is an internationally recognized

NOTE Confidence: 0.92623067

00:00:19.525 --> 00:00:21.044 authority and pioneer on the

NOTE Confidence: 0.92623067

00:00:21.044 --> 00:00:23.305 clinical pharmacology of anticancer agents,

NOTE Confidence: 0.92623067

00:00:23.445 --> 00:00:24.564 for which she was awarded

NOTE Confidence: 0.92623067

00:00:24.564 --> 00:00:26.005 the Oscar B. Hunter Memorial

NOTE Confidence: 0.92623067

00:00:26.005 --> 00:00:27.529 Award in therapeutics in the

NOTE Confidence: 0.92623067

00:00:27.529 --> 00:00:28.990 American Society for Clinical Pharmacology

NOTE Confidence: 0.92623067

00:00:29.050 --> 00:00:30.730 and Therapeutics in nineteen ninety

NOTE Confidence: 0.92623067

00:00:30.730 --> 00:00:31.230 two.

NOTE Confidence: 0.9892333

00:00:31.689 --> 00:00:33.290 A graduate of Yale, both

NOTE Confidence: 0.9892333

00:00:33.290 --> 00:00:34.590 his BS and MD,

NOTE Confidence: 0.94768524

00:00:34.969 --> 00:00:36.250 he served his internship and

NOTE Confidence: 0.94768524

00:00:36.250 --> 00:00:37.930 residency at the Harvard hospitals

NOTE Confidence: 0.94768524

00:00:37.930 --> 00:00:39.449 in Boston. He was on

NOTE Confidence: 0.94768524

00:00:39.449 --> 00:00:40.649 the faculty of Yale until

NOTE Confidence: 0.94768524

00:00:40.649 --> 00:00:42.185 nineteen sixty eight when he

NOTE Confidence: 0.94768524

00:00:42.185 --> 00:00:43.784 went to Brown University as

NOTE Confidence: 0.94768524

00:00:43.784 --> 00:00:45.385 professor of medicine and as

NOTE Confidence: 0.94768524

00:00:45.385 --> 00:00:46.665 physician in chief of Roger

NOTE Confidence: 0.94768524

00:00:46.665 --> 00:00:48.745 Williams Hospital. In nineteen seventy

NOTE Confidence: 0.94768524

00:00:48.745 --> 00:00:50.345 four, doctor Talibrazi became chairman

NOTE Confidence: 0.94768524

00:00:50.345 --> 00:00:51.705 of the Brown University Hospital

NOTE Confidence: 0.94768524  
00:00:51.705 --> 00:00:52.685 Department of Medicine.  
NOTE Confidence: 0.9457287  
00:00:53.145 --> 00:00:53.945 He was a member of  
NOTE Confidence: 0.9457287  
00:00:53.945 --> 00:00:55.065 the board of overseers of  
NOTE Confidence: 0.9457287  
00:00:55.065 --> 00:00:55.965 Tufts University.  
NOTE Confidence: 0.91461366  
00:00:56.370 --> 00:00:57.750 And many other awards,  
NOTE Confidence: 0.9972609  
00:00:58.210 --> 00:00:59.090 and he, of course, was  
NOTE Confidence: 0.9972609  
00:00:59.090 --> 00:00:59.970 a member of the National  
NOTE Confidence: 0.9972609  
00:00:59.970 --> 00:01:01.030 Academy of Medicine.  
NOTE Confidence: 0.98085207  
00:01:01.810 --> 00:01:02.850 This is very personal for  
NOTE Confidence: 0.98085207  
00:01:02.850 --> 00:01:03.970 me because I first met,  
NOTE Confidence: 0.98085207  
00:01:04.290 --> 00:01:04.790 Paul,  
NOTE Confidence: 0.9919016  
00:01:05.250 --> 00:01:05.990 on the right,  
NOTE Confidence: 0.94281477  
00:01:06.450 --> 00:01:07.890 in nineteen eighty when I  
NOTE Confidence: 0.94281477  
00:01:07.890 --> 00:01:09.490 happened to have Peter, who's  
NOTE Confidence: 0.94281477  
00:01:09.490 --> 00:01:10.770 standing next to me, that  
NOTE Confidence: 0.94281477

00:01:10.770 --> 00:01:11.355 is me,  
NOTE Confidence: 0.9922214

00:01:11.915 --> 00:01:12.575 at at,  
NOTE Confidence: 0.92441696

00:01:14.715 --> 00:01:16.495 as a roommate freshman year  
NOTE Confidence: 0.92441696

00:01:16.555 --> 00:01:17.915 a while ago, and that's  
NOTE Confidence: 0.92441696

00:01:17.915 --> 00:01:19.455 his parents and my parents.  
NOTE Confidence: 0.96331245

00:01:19.755 --> 00:01:21.515 And, Paul, as you'll hear  
NOTE Confidence: 0.96331245

00:01:21.515 --> 00:01:23.215 today, is known for mentorship  
NOTE Confidence: 0.96331245

00:01:23.355 --> 00:01:24.235 as well as all the  
NOTE Confidence: 0.96331245

00:01:24.235 --> 00:01:25.795 other amazing things he's done,  
NOTE Confidence: 0.96331245

00:01:25.795 --> 00:01:27.180 you know, five f u,  
NOTE Confidence: 0.98185045

00:01:27.580 --> 00:01:29.260 treatments for cancer, but also  
NOTE Confidence: 0.98185045

00:01:29.260 --> 00:01:30.220 as a mentor and as  
NOTE Confidence: 0.98185045

00:01:30.220 --> 00:01:31.100 a sponsor and as a  
NOTE Confidence: 0.98185045

00:01:31.100 --> 00:01:32.620 leader, and we celebrate that  
NOTE Confidence: 0.98185045

00:01:32.620 --> 00:01:34.160 today with with today's speaker.  
NOTE Confidence: 0.9812615

00:01:35.100 --> 00:01:35.980 You can see over the

NOTE Confidence: 0.9812615

00:01:35.980 --> 00:01:37.340 years, we've had quite a

NOTE Confidence: 0.9812615

00:01:37.340 --> 00:01:38.300 few notable,

NOTE Confidence: 0.65394557

00:01:39.819 --> 00:01:40.319 lectures,

NOTE Confidence: 0.9576171

00:01:40.665 --> 00:01:41.944 and, we usually make this,

NOTE Confidence: 0.9576171

00:01:42.425 --> 00:01:44.025 professorship where people come and

NOTE Confidence: 0.9576171

00:01:44.025 --> 00:01:45.305 spend time, and many of

NOTE Confidence: 0.9576171

00:01:45.305 --> 00:01:46.905 you have spent time with,

NOTE Confidence: 0.9576171

00:01:47.385 --> 00:01:47.885 today's,

NOTE Confidence: 0.8529968

00:01:48.905 --> 00:01:49.405 awardee,

NOTE Confidence: 0.95610595

00:01:49.865 --> 00:01:51.785 doctor Robert Wynne. So it's

NOTE Confidence: 0.95610595

00:01:51.785 --> 00:01:53.145 really my pleasure to introduce

NOTE Confidence: 0.95610595

00:01:53.145 --> 00:01:53.640 Robert,

NOTE Confidence: 0.8297959

00:01:53.960 --> 00:01:55.640 who's currently, the director at

NOTE Confidence: 0.8297959

00:01:55.640 --> 00:01:57.640 Littmann Scherer Oncology at the

NOTE Confidence: 0.8297959

00:01:57.640 --> 00:01:58.140 VCU

NOTE Confidence: 0.9275104

00:01:58.600 --> 00:02:00.380 Massey Comprehensive Cancer Center

NOTE Confidence: 0.9666692

00:02:00.760 --> 00:02:03.479 in, Richmond, Virginia. He's professor

NOTE Confidence: 0.9666692

00:02:03.479 --> 00:02:04.920 of pulmonary diseases and critical

NOTE Confidence: 0.9666692

00:02:04.920 --> 00:02:06.360 care medicine at the same

NOTE Confidence: 0.9666692

00:02:06.360 --> 00:02:06.860 institution.

NOTE Confidence: 0.9157634

00:02:07.565 --> 00:02:08.605 As the current director of

NOTE Confidence: 0.9157634

00:02:08.605 --> 00:02:09.505 VCU Massey,

NOTE Confidence: 0.9606729

00:02:10.125 --> 00:02:11.805 Robert oversees a cancer center

NOTE Confidence: 0.9606729

00:02:11.805 --> 00:02:13.405 designated by the NCI that

NOTE Confidence: 0.9606729

00:02:13.405 --> 00:02:15.645 provides advanced cancer care, conducts

NOTE Confidence: 0.9606729

00:02:15.645 --> 00:02:16.465 ground groundbreaking

NOTE Confidence: 0.9909031

00:02:17.005 --> 00:02:19.245 research, discovering new therapies, offers

NOTE Confidence: 0.9909031

00:02:19.245 --> 00:02:20.865 high quality education and training,

NOTE Confidence: 0.9909031

00:02:21.020 --> 00:02:22.300 and engages with the community

NOTE Confidence: 0.9909031

00:02:22.300 --> 00:02:23.580 to make advancements in cancer

NOTE Confidence: 0.9909031

00:02:23.580 --> 00:02:24.800 treatment and prevention,

NOTE Confidence: 0.99960434

00:02:25.580 --> 00:02:27.200 equally available to all.

NOTE Confidence: 0.9899994

00:02:27.820 --> 00:02:29.260 He's leading the nation in

NOTE Confidence: 0.9899994

00:02:29.260 --> 00:02:31.020 establishing a twenty first century

NOTE Confidence: 0.9899994

00:02:31.020 --> 00:02:32.940 model of equity for cancer

NOTE Confidence: 0.9899994

00:02:32.940 --> 00:02:33.440 science

NOTE Confidence: 0.98280597

00:02:33.924 --> 00:02:35.044 and care in which the

NOTE Confidence: 0.98280597

00:02:35.044 --> 00:02:36.564 community is informing and partnering

NOTE Confidence: 0.98280597

00:02:36.564 --> 00:02:38.264 with Massey on its research

NOTE Confidence: 0.99511194

00:02:38.644 --> 00:02:39.924 to best address the cancer

NOTE Confidence: 0.99511194

00:02:39.924 --> 00:02:41.784 burden and disparities of those

NOTE Confidence: 0.9132619

00:02:42.405 --> 00:02:42.885 that,

NOTE Confidence: 0.7571472

00:02:43.605 --> 00:02:44.004 with,

NOTE Confidence: 0.93503726

00:02:44.405 --> 00:02:45.605 a global and a both

NOTE Confidence: 0.93503726

00:02:45.605 --> 00:02:46.724 a national and a global

NOTE Confidence: 0.93503726

00:02:46.724 --> 00:02:47.224 focus.

NOTE Confidence: 0.97216153

00:02:47.730 --> 00:02:49.090 As a physician scientist, he  
NOTE Confidence: 0.97216153

00:02:49.090 --> 00:02:50.389 works in basic and translational  
NOTE Confidence: 0.97216153

00:02:50.530 --> 00:02:51.430 work research  
NOTE Confidence: 0.97822464

00:02:51.730 --> 00:02:52.849 focused on novel in vitro  
NOTE Confidence: 0.97822464

00:02:52.849 --> 00:02:54.129 and in vivo models to  
NOTE Confidence: 0.97822464

00:02:54.129 --> 00:02:56.209 study the translational aspects of,  
NOTE Confidence: 0.97822464

00:02:56.370 --> 00:02:58.310 signaling pathways in lung cancer.  
NOTE Confidence: 0.94870865

00:02:58.610 --> 00:02:59.489 This is how I first  
NOTE Confidence: 0.94870865

00:02:59.489 --> 00:03:00.985 met him. One has also  
NOTE Confidence: 0.94870865

00:03:00.985 --> 00:03:01.864 brought the importance of the  
NOTE Confidence: 0.94870865

00:03:01.864 --> 00:03:02.925 concept of zDNA.  
NOTE Confidence: 0.9627241

00:03:03.305 --> 00:03:04.025 If you don't know about  
NOTE Confidence: 0.9627241

00:03:04.025 --> 00:03:04.825 it, I bet you will  
NOTE Confidence: 0.9627241

00:03:04.825 --> 00:03:06.025 in about an hour, where  
NOTE Confidence: 0.9627241

00:03:06.025 --> 00:03:07.385 one ZIP code or neighborhood  
NOTE Confidence: 0.9627241

00:03:07.385 --> 00:03:08.044 of association

NOTE Confidence: 0.988229  
00:03:08.424 --> 00:03:10.605 will impact the biological outcomes  
NOTE Confidence: 0.988229  
00:03:10.665 --> 00:03:11.544 and the care that you  
NOTE Confidence: 0.988229  
00:03:11.544 --> 00:03:12.825 get for your cancer. He's  
NOTE Confidence: 0.988229  
00:03:12.825 --> 00:03:13.864 really, as I say, focused  
NOTE Confidence: 0.988229  
00:03:13.864 --> 00:03:14.764 on health equity.  
NOTE Confidence: 0.9839856  
00:03:15.780 --> 00:03:17.639 Yesterday, we met with, Robert.  
NOTE Confidence: 0.9839856  
00:03:17.780 --> 00:03:18.500 Each of these,  
NOTE Confidence: 0.9551374  
00:03:19.060 --> 00:03:20.819 physicians in the room are  
NOTE Confidence: 0.9551374  
00:03:20.819 --> 00:03:21.540 part of what we call  
NOTE Confidence: 0.9551374  
00:03:21.540 --> 00:03:23.400 the WIN program, and he's  
NOTE Confidence: 0.9551374  
00:03:23.459 --> 00:03:24.659 got a program now. Each  
NOTE Confidence: 0.9551374  
00:03:24.659 --> 00:03:25.540 of these, some of them  
NOTE Confidence: 0.9551374  
00:03:25.540 --> 00:03:26.200 were oncologists,  
NOTE Confidence: 0.97862405  
00:03:26.500 --> 00:03:27.319 some are endocrinologists,  
NOTE Confidence: 0.9353276  
00:03:28.115 --> 00:03:29.255 dermatologists, cardiologists,  
NOTE Confidence: 0.96989626

00:03:29.715 --> 00:03:31.475 they're receiving forty percent salary  
NOTE Confidence: 0.96989626

00:03:31.475 --> 00:03:32.835 support through a grant that  
NOTE Confidence: 0.96989626

00:03:32.835 --> 00:03:34.435 Robert established, and they're getting  
NOTE Confidence: 0.96989626

00:03:34.435 --> 00:03:36.275 mentorship in clinical trials and  
NOTE Confidence: 0.96989626

00:03:36.275 --> 00:03:37.795 doing clinical trials in diverse,  
NOTE Confidence: 0.9726527

00:03:38.515 --> 00:03:39.795 areas. So it was really  
NOTE Confidence: 0.9726527

00:03:39.795 --> 00:03:41.075 an honor to, and and  
NOTE Confidence: 0.9726527

00:03:41.075 --> 00:03:42.435 really no brainer to invite  
NOTE Confidence: 0.9726527

00:03:42.435 --> 00:03:43.720 Robert this year, because this  
NOTE Confidence: 0.9726527

00:03:43.720 --> 00:03:44.760 is what it's all about,  
NOTE Confidence: 0.9726527

00:03:44.760 --> 00:03:45.640 and this is what Paul  
NOTE Confidence: 0.9726527

00:03:45.640 --> 00:03:46.920 Calabresi was all about. So  
NOTE Confidence: 0.9726527

00:03:46.920 --> 00:03:47.560 in the presence of the  
NOTE Confidence: 0.9726527

00:03:47.560 --> 00:03:48.920 Calabresi family in the front  
NOTE Confidence: 0.9726527

00:03:48.920 --> 00:03:50.520 row, and, I'm gonna invite  
NOTE Confidence: 0.9726527

00:03:50.520 --> 00:03:51.320 Eric to come up with

NOTE Confidence: 0.9726527

00:03:51.320 --> 00:03:52.520 me, and we're gonna present

NOTE Confidence: 0.9726527

00:03:52.520 --> 00:03:54.540 Robert with, the two thousand

NOTE Confidence: 0.9726527

00:03:54.760 --> 00:03:56.940 twenty six Paul Calabresi award.

NOTE Confidence: 0.69657767

00:04:13.160 --> 00:04:13.660 Okay.

NOTE Confidence: 0.8714068

00:04:22.600 --> 00:04:23.420 We're good.

NOTE Confidence: 0.99791366

00:04:28.574 --> 00:04:29.455 Now with that, I hope

NOTE Confidence: 0.99791366

00:04:29.455 --> 00:04:30.675 I don't let you down.

NOTE Confidence: 0.9903495

00:04:32.495 --> 00:04:33.694 First of all, Eric and

NOTE Confidence: 0.9903495

00:04:33.694 --> 00:04:34.194 Roy,

NOTE Confidence: 0.996098

00:04:34.735 --> 00:04:35.854 I just wanna say a

NOTE Confidence: 0.996098

00:04:35.854 --> 00:04:36.914 big thank you for,

NOTE Confidence: 0.9709481

00:04:37.375 --> 00:04:38.914 just the invitation here.

NOTE Confidence: 0.8459084

00:04:39.615 --> 00:04:40.470 Means a lot,

NOTE Confidence: 0.99886745

00:04:41.029 --> 00:04:41.930 for the committee.

NOTE Confidence: 0.9646916

00:04:42.230 --> 00:04:43.190 I will say that when

NOTE Confidence: 0.9646916

00:04:43.190 --> 00:04:44.310 we talk about some of  
NOTE Confidence: 0.9646916

00:04:44.310 --> 00:04:45.350 the programs so that you  
NOTE Confidence: 0.9646916

00:04:45.350 --> 00:04:46.470 have some luminaries in this  
NOTE Confidence: 0.9646916

00:04:46.470 --> 00:04:47.990 room, Pat LaRusso. I mean,  
NOTE Confidence: 0.9646916

00:04:47.990 --> 00:04:48.950 you have so many people  
NOTE Confidence: 0.9646916

00:04:48.950 --> 00:04:49.910 in this room that have  
NOTE Confidence: 0.9646916

00:04:49.910 --> 00:04:50.890 been really important,  
NOTE Confidence: 0.9986326

00:04:51.350 --> 00:04:52.550 at various points of my  
NOTE Confidence: 0.9986326

00:04:52.550 --> 00:04:53.050 life.  
NOTE Confidence: 0.9991633

00:04:53.350 --> 00:04:54.950 So what I thought I  
NOTE Confidence: 0.9991633

00:04:54.950 --> 00:04:56.945 would start by doing is  
NOTE Confidence: 0.99985206

00:04:58.125 --> 00:04:58.605 that  
NOTE Confidence: 0.93753487

00:04:59.085 --> 00:04:59.585 and,  
NOTE Confidence: 0.99895906

00:05:00.285 --> 00:05:01.185 with the permission  
NOTE Confidence: 0.9860484

00:05:01.885 --> 00:05:02.365 of,  
NOTE Confidence: 0.9408833

00:05:03.565 --> 00:05:04.385 mister Calabresi,

NOTE Confidence: 0.939032  
00:05:04.765 --> 00:05:05.885 Rito, last night. He said  
NOTE Confidence: 0.939032  
00:05:05.885 --> 00:05:07.585 something that actually touched me,  
NOTE Confidence: 0.939032  
00:05:07.805 --> 00:05:09.425 that actually changed the focus  
NOTE Confidence: 0.99984986  
00:05:09.964 --> 00:05:10.945 of this talk  
NOTE Confidence: 0.9984967  
00:05:11.449 --> 00:05:12.410 so much so that I  
NOTE Confidence: 0.9984967  
00:05:12.410 --> 00:05:13.310 had to actually  
NOTE Confidence: 0.99533606  
00:05:13.690 --> 00:05:14.970 reframe what I was gonna  
NOTE Confidence: 0.99533606  
00:05:14.970 --> 00:05:16.430 talk to you about today.  
NOTE Confidence: 0.97753143  
00:05:17.210 --> 00:05:18.169 So I don't know that  
NOTE Confidence: 0.97753143  
00:05:18.169 --> 00:05:19.070 I'll do it justice,  
NOTE Confidence: 0.9965037  
00:05:19.690 --> 00:05:21.290 but let's start this off  
NOTE Confidence: 0.9965037  
00:05:21.290 --> 00:05:22.430 by sort of saying,  
NOTE Confidence: 0.988434  
00:05:23.370 --> 00:05:24.490 by bringing the right energy  
NOTE Confidence: 0.988434  
00:05:24.490 --> 00:05:25.370 and the spirit to the  
NOTE Confidence: 0.988434  
00:05:25.370 --> 00:05:26.365 room that I learned something  
NOTE Confidence: 0.988434

00:05:26.365 --> 00:05:27.985 last night from him.  
NOTE Confidence: 0.95449305

00:05:28.685 --> 00:05:29.665 He said the following,  
NOTE Confidence: 0.9589242

00:05:30.205 --> 00:05:31.745 that to make real change,  
NOTE Confidence: 0.97191334

00:05:32.365 --> 00:05:34.125 and if I'm paraphrasing poorly,  
NOTE Confidence: 0.97191334

00:05:34.125 --> 00:05:35.085 you can actually let me  
NOTE Confidence: 0.97191334

00:05:35.085 --> 00:05:35.585 know,  
NOTE Confidence: 0.99147576

00:05:37.005 --> 00:05:37.824 that excellence,  
NOTE Confidence: 0.9873337

00:05:38.925 --> 00:05:40.445 decency, humanity, and love are  
NOTE Confidence: 0.9873337

00:05:40.445 --> 00:05:40.945 required.  
NOTE Confidence: 0.9913301

00:05:42.760 --> 00:05:44.040 He also said that excellence  
NOTE Confidence: 0.9913301

00:05:44.040 --> 00:05:44.540 alone,  
NOTE Confidence: 0.99395657

00:05:44.920 --> 00:05:47.180 while certainly foundational, is necessary  
NOTE Confidence: 0.92602664

00:05:47.480 --> 00:05:49.000 but not sufficient to make  
NOTE Confidence: 0.92602664

00:05:49.000 --> 00:05:49.980 the kind of change  
NOTE Confidence: 0.9978669

00:05:50.440 --> 00:05:51.339 that is needed.  
NOTE Confidence: 0.9986218

00:05:52.680 --> 00:05:53.720 And if I'm right, he

NOTE Confidence: 0.9986218  
00:05:53.720 --> 00:05:55.180 also said that decency,  
NOTE Confidence: 0.91409296  
00:05:55.735 --> 00:05:57.735 humanity, and love, while absolutely  
NOTE Confidence: 0.91409296  
00:05:57.735 --> 00:05:58.235 critical  
NOTE Confidence: 0.91378015  
00:05:58.615 --> 00:06:00.075 in and of itself, sometimes  
NOTE Confidence: 0.91378015  
00:06:00.135 --> 00:06:00.955 falls short.  
NOTE Confidence: 0.9995899  
00:06:01.735 --> 00:06:03.515 It's the connection of both  
NOTE Confidence: 0.9963607  
00:06:03.895 --> 00:06:04.715 the excellence  
NOTE Confidence: 0.972544  
00:06:05.335 --> 00:06:06.375 and all of these other  
NOTE Confidence: 0.972544  
00:06:06.375 --> 00:06:07.335 factors. And I might add  
NOTE Confidence: 0.972544  
00:06:07.335 --> 00:06:09.435 just one more, community focus  
NOTE Confidence: 0.9956297  
00:06:10.089 --> 00:06:11.630 that allows us to do  
NOTE Confidence: 0.9956297  
00:06:11.930 --> 00:06:13.130 and tackle big problems and  
NOTE Confidence: 0.9956297  
00:06:13.130 --> 00:06:14.110 make big change.  
NOTE Confidence: 0.9737598  
00:06:14.570 --> 00:06:15.610 I wanted to start that  
NOTE Confidence: 0.9737598  
00:06:15.610 --> 00:06:16.830 because with that spirit,  
NOTE Confidence: 0.9990494

00:06:17.850 --> 00:06:18.589 it really  
NOTE Confidence: 0.9978234

00:06:19.289 --> 00:06:19.789 reframed  
NOTE Confidence: 0.9996233

00:06:20.089 --> 00:06:21.370 my focus of this talk  
NOTE Confidence: 0.9996233

00:06:21.370 --> 00:06:21.870 today  
NOTE Confidence: 0.9870794

00:06:22.250 --> 00:06:23.130 in a way that I'll  
NOTE Confidence: 0.9870794

00:06:23.130 --> 00:06:24.190 show you in a second.  
NOTE Confidence: 0.9870794

00:06:24.410 --> 00:06:25.245 So So these are my  
NOTE Confidence: 0.9870794

00:06:25.245 --> 00:06:26.365 disclosures. I won't be talking  
NOTE Confidence: 0.9870794

00:06:26.365 --> 00:06:27.645 about anything. You you you  
NOTE Confidence: 0.9870794

00:06:27.645 --> 00:06:28.764 can bet on it, but  
NOTE Confidence: 0.9870794

00:06:28.764 --> 00:06:29.645 I have to show this  
NOTE Confidence: 0.9870794

00:06:29.645 --> 00:06:30.145 anyways.  
NOTE Confidence: 0.9293788

00:06:31.884 --> 00:06:32.925 I wish I had something  
NOTE Confidence: 0.9293788

00:06:32.925 --> 00:06:33.805 to really talk about, but,  
NOTE Confidence: 0.9293788

00:06:33.805 --> 00:06:34.445 you know, with some of  
NOTE Confidence: 0.9293788

00:06:34.445 --> 00:06:35.565 those, but, you know, I

NOTE Confidence: 0.9293788  
00:06:35.565 --> 00:06:37.005 refuse cash, so it's all  
NOTE Confidence: 0.9293788  
00:06:37.005 --> 00:06:38.705 good and nobody talks about.  
NOTE Confidence: 0.9627273  
00:06:39.860 --> 00:06:40.980 So I had to reframe  
NOTE Confidence: 0.9627273  
00:06:40.980 --> 00:06:42.020 this and think about this  
NOTE Confidence: 0.9627273  
00:06:42.020 --> 00:06:43.000 talk about  
NOTE Confidence: 0.8714377  
00:06:44.580 --> 00:06:45.639 what doctor Calabresi  
NOTE Confidence: 0.95665544  
00:06:46.740 --> 00:06:48.339 really who was an inspiration  
NOTE Confidence: 0.95665544  
00:06:48.339 --> 00:06:48.980 for a lot of us  
NOTE Confidence: 0.95665544  
00:06:48.980 --> 00:06:50.020 and a North Star for  
NOTE Confidence: 0.95665544  
00:06:50.020 --> 00:06:50.980 many of us as we  
NOTE Confidence: 0.95665544  
00:06:50.980 --> 00:06:52.255 were coming up. But there's  
NOTE Confidence: 0.95665544  
00:06:52.255 --> 00:06:53.135 one thing to read about  
NOTE Confidence: 0.95665544  
00:06:53.135 --> 00:06:54.095 them. It's another thing to  
NOTE Confidence: 0.95665544  
00:06:54.095 --> 00:06:55.135 start talking to people and  
NOTE Confidence: 0.95665544  
00:06:55.135 --> 00:06:56.195 getting to know them.  
NOTE Confidence: 0.97854865

00:06:56.895 --> 00:06:58.015 Until last night, as I  
NOTE Confidence: 0.97854865

00:06:58.015 --> 00:06:59.135 was going back to my  
NOTE Confidence: 0.97854865

00:06:59.135 --> 00:07:00.575 room and thinking about this  
NOTE Confidence: 0.97854865

00:07:00.575 --> 00:07:02.435 talk and the message today,  
NOTE Confidence: 0.9741754

00:07:03.214 --> 00:07:05.010 it came out that excellence  
NOTE Confidence: 0.9741754

00:07:05.010 --> 00:07:05.830 in humanity  
NOTE Confidence: 0.969245

00:07:06.370 --> 00:07:07.730 are not competing with one  
NOTE Confidence: 0.969245

00:07:07.730 --> 00:07:09.410 another they are aligned with.  
NOTE Confidence: 0.969245

00:07:09.410 --> 00:07:09.970 I had to give a  
NOTE Confidence: 0.969245

00:07:09.970 --> 00:07:11.010 talk at Notre Dame once,  
NOTE Confidence: 0.969245

00:07:11.010 --> 00:07:11.730 and I sort of said,  
NOTE Confidence: 0.969245

00:07:11.730 --> 00:07:12.770 you do know that science  
NOTE Confidence: 0.969245

00:07:12.770 --> 00:07:14.050 and religion are not at  
NOTE Confidence: 0.969245

00:07:14.050 --> 00:07:15.430 war with one another  
NOTE Confidence: 0.98787415

00:07:15.730 --> 00:07:17.570 unless it's bad science or  
NOTE Confidence: 0.98787415

00:07:17.570 --> 00:07:18.310 bad religion.

NOTE Confidence: 0.98076695  
00:07:19.895 --> 00:07:21.015 In the same sort of  
NOTE Confidence: 0.98076695  
00:07:21.015 --> 00:07:21.515 vein,  
NOTE Confidence: 0.94658315  
00:07:22.135 --> 00:07:24.135 excellence in humanity, the science  
NOTE Confidence: 0.94658315  
00:07:24.135 --> 00:07:25.915 that we drive is not  
NOTE Confidence: 0.97769475  
00:07:26.695 --> 00:07:27.435 at all  
NOTE Confidence: 0.99346155  
00:07:28.455 --> 00:07:30.295 at war with this concept  
NOTE Confidence: 0.99346155  
00:07:30.295 --> 00:07:32.135 of humanity and making sure  
NOTE Confidence: 0.99346155  
00:07:32.135 --> 00:07:33.860 that as we are driving  
NOTE Confidence: 0.99346155  
00:07:33.860 --> 00:07:35.300 science, we are also going  
NOTE Confidence: 0.99346155  
00:07:35.300 --> 00:07:36.260 with the purpose that it  
NOTE Confidence: 0.99346155  
00:07:36.260 --> 00:07:36.760 impacts  
NOTE Confidence: 0.9956581  
00:07:38.660 --> 00:07:40.020 somebody. Now we say that,  
NOTE Confidence: 0.9956581  
00:07:40.020 --> 00:07:40.820 but how do you do  
NOTE Confidence: 0.9956581  
00:07:40.820 --> 00:07:41.320 it?  
NOTE Confidence: 0.9734361  
00:07:41.780 --> 00:07:42.740 So one of the other  
NOTE Confidence: 0.9734361

00:07:42.740 --> 00:07:44.100 things I actually have to  
NOTE Confidence: 0.9734361

00:07:44.100 --> 00:07:45.139 say that I have been  
NOTE Confidence: 0.9734361

00:07:45.139 --> 00:07:46.740 stoked and I'm gonna talk  
NOTE Confidence: 0.9734361

00:07:46.740 --> 00:07:48.095 that, Paul and some other  
NOTE Confidence: 0.9734361

00:07:48.095 --> 00:07:49.455 people know that this is  
NOTE Confidence: 0.9734361

00:07:49.455 --> 00:07:50.495 a really important thing to  
NOTE Confidence: 0.9734361

00:07:50.495 --> 00:07:51.455 me and has become an  
NOTE Confidence: 0.9734361

00:07:51.455 --> 00:07:52.495 important thing. So,  
NOTE Confidence: 0.58092195

00:07:53.295 --> 00:07:53.795 I  
NOTE Confidence: 0.90829813

00:07:54.255 --> 00:07:55.375 I got this from doctor,  
NOTE Confidence: 0.90829813

00:07:55.535 --> 00:07:56.815 from Paul Goldberg because I  
NOTE Confidence: 0.90829813

00:07:56.815 --> 00:07:57.775 I could not find a  
NOTE Confidence: 0.90829813

00:07:57.775 --> 00:07:58.275 copy.  
NOTE Confidence: 0.98032343

00:07:58.895 --> 00:08:00.095 But I'm actually gonna get,  
NOTE Confidence: 0.98032343

00:08:00.095 --> 00:08:01.855 hopefully, this reprinted for most  
NOTE Confidence: 0.98032343

00:08:01.855 --> 00:08:03.260 of you here. I don't

NOTE Confidence: 0.98032343  
00:08:03.260 --> 00:08:04.780 usually use props, but this  
NOTE Confidence: 0.98032343  
00:08:04.780 --> 00:08:05.280 prop,  
NOTE Confidence: 0.9731072  
00:08:06.540 --> 00:08:07.840 you should get to know,  
NOTE Confidence: 0.97021705  
00:08:08.620 --> 00:08:10.160 particularly you folks at Yale.  
NOTE Confidence: 0.95538664  
00:08:10.620 --> 00:08:12.160 This prop is called the  
NOTE Confidence: 0.95538664  
00:08:12.220 --> 00:08:13.920 cancer at the crossroads report.  
NOTE Confidence: 0.9306109  
00:08:14.460 --> 00:08:16.380 It was done by doctor  
NOTE Confidence: 0.9306109  
00:08:16.380 --> 00:08:18.240 Calabresi who chaired this,  
NOTE Confidence: 0.9993177  
00:08:19.005 --> 00:08:20.285 who looked at where we  
NOTE Confidence: 0.9993177  
00:08:20.285 --> 00:08:22.125 were in the context of  
NOTE Confidence: 0.9993177  
00:08:22.125 --> 00:08:22.625 cancer  
NOTE Confidence: 0.97582585  
00:08:23.085 --> 00:08:24.845 from a research and perspective  
NOTE Confidence: 0.97582585  
00:08:24.845 --> 00:08:25.985 of also care.  
NOTE Confidence: 0.9845166  
00:08:27.005 --> 00:08:28.205 And I'm not gonna go  
NOTE Confidence: 0.9845166  
00:08:28.205 --> 00:08:29.645 into details because at some  
NOTE Confidence: 0.9845166

00:08:29.645 --> 00:08:31.164 point, I'm gonna actually have  
NOTE Confidence: 0.9845166

00:08:31.164 --> 00:08:32.205 a call to action that  
NOTE Confidence: 0.9845166

00:08:32.205 --> 00:08:34.059 on today, I am declaring  
NOTE Confidence: 0.9845166

00:08:34.059 --> 00:08:35.100 that we should pick up  
NOTE Confidence: 0.9845166

00:08:35.100 --> 00:08:36.220 the mantle of where he  
NOTE Confidence: 0.9845166

00:08:36.220 --> 00:08:37.740 left it off and have  
NOTE Confidence: 0.9845166

00:08:37.740 --> 00:08:38.240 another  
NOTE Confidence: 0.87563556

00:08:38.620 --> 00:08:39.839 crossroads section  
NOTE Confidence: 0.99243313

00:08:40.380 --> 00:08:42.059 that's been inspired by doctor  
NOTE Confidence: 0.99243313

00:08:42.059 --> 00:08:43.500 Calabresi in the context of  
NOTE Confidence: 0.99243313

00:08:43.500 --> 00:08:44.779 figuring out the discussions we  
NOTE Confidence: 0.99243313

00:08:44.779 --> 00:08:45.500 need to have as we  
NOTE Confidence: 0.99243313

00:08:45.500 --> 00:08:46.240 move forward.  
NOTE Confidence: 0.93017256

00:08:47.345 --> 00:08:48.545 Now most of you probably  
NOTE Confidence: 0.93017256

00:08:48.545 --> 00:08:49.345 know that,  
NOTE Confidence: 0.9830639

00:08:50.304 --> 00:08:51.264 some of these things look

NOTE Confidence: 0.9830639  
00:08:51.264 --> 00:08:51.764 familiar.  
NOTE Confidence: 0.99437565  
00:08:52.704 --> 00:08:54.304 The issue about resources for  
NOTE Confidence: 0.99437565  
00:08:54.304 --> 00:08:54.804 research,  
NOTE Confidence: 0.94276786  
00:08:55.184 --> 00:08:56.385 the issues around quality of  
NOTE Confidence: 0.94276786  
00:08:56.385 --> 00:08:57.904 care and how occasionally some  
NOTE Confidence: 0.94276786  
00:08:57.904 --> 00:08:58.865 of the health care reforms  
NOTE Confidence: 0.94276786  
00:08:58.865 --> 00:08:59.505 can get in the way  
NOTE Confidence: 0.94276786  
00:08:59.505 --> 00:09:00.165 of that.  
NOTE Confidence: 0.95341474  
00:09:00.950 --> 00:09:01.910 I know many of you  
NOTE Confidence: 0.95341474  
00:09:01.910 --> 00:09:02.950 probably know that when you  
NOTE Confidence: 0.95341474  
00:09:02.950 --> 00:09:04.230 have the national cancer program,  
NOTE Confidence: 0.95341474  
00:09:04.230 --> 00:09:05.510 it suffers from an absence  
NOTE Confidence: 0.95341474  
00:09:05.510 --> 00:09:07.370 of national coordination of cancer  
NOTE Confidence: 0.95341474  
00:09:07.429 --> 00:09:09.610 fighting efforts, public private involuntary  
NOTE Confidence: 0.95341474  
00:09:09.750 --> 00:09:11.190 sectors. That, I think, sounds  
NOTE Confidence: 0.95341474

00:09:11.190 --> 00:09:12.170 probably familiar.  
NOTE Confidence: 0.9819261

00:09:13.985 --> 00:09:14.945 That many people in this  
NOTE Confidence: 0.9819261

00:09:14.945 --> 00:09:16.485 country, especially the poor  
NOTE Confidence: 0.92833513

00:09:16.865 --> 00:09:17.764 and the elderly  
NOTE Confidence: 0.97551423

00:09:18.144 --> 00:09:19.045 and the uninsured  
NOTE Confidence: 0.8225635

00:09:19.584 --> 00:09:21.204 still receive some care,  
NOTE Confidence: 0.99198663

00:09:22.065 --> 00:09:23.925 but clearly not the care  
NOTE Confidence: 0.9981014

00:09:24.464 --> 00:09:25.365 that is needed.  
NOTE Confidence: 0.9946616

00:09:26.890 --> 00:09:27.850 By the way, this report  
NOTE Confidence: 0.9946616

00:09:27.850 --> 00:09:29.230 was in nineteen ninety four.  
NOTE Confidence: 0.98647034

00:09:30.490 --> 00:09:31.610 It's that whole thing deja  
NOTE Confidence: 0.98647034

00:09:31.610 --> 00:09:32.670 vu all over again.  
NOTE Confidence: 0.9813848

00:09:34.890 --> 00:09:35.929 I'm gonna make a pitch  
NOTE Confidence: 0.9813848

00:09:35.929 --> 00:09:36.730 to you that while many  
NOTE Confidence: 0.9813848

00:09:36.730 --> 00:09:37.850 of these things, the failure  
NOTE Confidence: 0.9813848

00:09:37.850 --> 00:09:39.850 to support translational research, which

NOTE Confidence: 0.9813848  
00:09:39.850 --> 00:09:40.170 hinders  
NOTE Confidence: 0.9592043  
00:09:41.165 --> 00:09:42.045 this is a little bit  
NOTE Confidence: 0.9592043  
00:09:42.045 --> 00:09:43.505 like, I think, Marcus Aurelius,  
NOTE Confidence: 0.8945942  
00:09:43.965 --> 00:09:45.325 and I'm blinking his favorite  
NOTE Confidence: 0.8945942  
00:09:45.325 --> 00:09:45.965 poet, but I think it  
NOTE Confidence: 0.8945942  
00:09:45.965 --> 00:09:47.565 was Heracles or something, who  
NOTE Confidence: 0.8945942  
00:09:47.565 --> 00:09:49.565 said when a person visits  
NOTE Confidence: 0.8945942  
00:09:49.565 --> 00:09:50.225 a river,  
NOTE Confidence: 0.9950583  
00:09:50.684 --> 00:09:51.725 the person is not the  
NOTE Confidence: 0.9950583  
00:09:51.725 --> 00:09:52.785 same nor the river.  
NOTE Confidence: 0.9430005  
00:09:53.179 --> 00:09:54.220 What I'm gonna say to  
NOTE Confidence: 0.9430005  
00:09:54.220 --> 00:09:55.679 you is that the crossroads  
NOTE Confidence: 0.9430005  
00:09:55.819 --> 00:09:56.639 while similar  
NOTE Confidence: 0.9277161  
00:09:57.420 --> 00:09:58.559 that we are facing,  
NOTE Confidence: 0.8392809  
00:09:59.899 --> 00:10:01.660 similar but different, so are  
NOTE Confidence: 0.8392809

00:10:01.660 --> 00:10:02.160 we.  
NOTE Confidence: 0.9876613

00:10:02.860 --> 00:10:04.220 We also have different tools,  
NOTE Confidence: 0.9876613

00:10:04.220 --> 00:10:05.100 and we'll get to that  
NOTE Confidence: 0.9876613

00:10:05.100 --> 00:10:05.839 in a second.  
NOTE Confidence: 0.99924713

00:10:07.895 --> 00:10:08.375 Let's  
NOTE Confidence: 0.9506996

00:10:08.775 --> 00:10:09.815 when I say we need  
NOTE Confidence: 0.9506996

00:10:09.815 --> 00:10:10.855 to talk about cancer, we  
NOTE Confidence: 0.9506996

00:10:10.855 --> 00:10:11.895 need to start talking about  
NOTE Confidence: 0.9506996

00:10:11.895 --> 00:10:13.015 cancer because actually in the  
NOTE Confidence: 0.9506996

00:10:13.015 --> 00:10:14.535 communities, we send out two  
NOTE Confidence: 0.9506996

00:10:14.535 --> 00:10:16.075 messages and they're all confusing.  
NOTE Confidence: 0.90959376

00:10:16.615 --> 00:10:18.215 And sometimes even confusing for  
NOTE Confidence: 0.90959376

00:10:18.215 --> 00:10:18.715 us.  
NOTE Confidence: 0.9565673

00:10:19.559 --> 00:10:20.760 We talk about c, the  
NOTE Confidence: 0.9565673

00:10:20.760 --> 00:10:22.760 big cancer, but, yo, we  
NOTE Confidence: 0.9565673

00:10:22.760 --> 00:10:24.040 should be celebrating the fact

NOTE Confidence: 0.9565673  
00:10:24.040 --> 00:10:25.240 that thirty four percent fewer  
NOTE Confidence: 0.9565673  
00:10:25.240 --> 00:10:26.760 people are dying from cancer  
NOTE Confidence: 0.9565673  
00:10:26.760 --> 00:10:27.820 in United States.  
NOTE Confidence: 0.9715423  
00:10:28.760 --> 00:10:29.720 Another way of sort of  
NOTE Confidence: 0.9715423  
00:10:29.720 --> 00:10:30.679 saying that is thirty four  
NOTE Confidence: 0.9715423  
00:10:30.679 --> 00:10:31.880 percent more people are showing  
NOTE Confidence: 0.9715423  
00:10:31.880 --> 00:10:33.400 up to birthday parties or  
NOTE Confidence: 0.9715423  
00:10:33.400 --> 00:10:34.460 showing up to graduations.  
NOTE Confidence: 0.9971273  
00:10:35.105 --> 00:10:36.005 And so we  
NOTE Confidence: 0.9946032  
00:10:36.305 --> 00:10:38.225 want community to be partnered  
NOTE Confidence: 0.9946032  
00:10:38.225 --> 00:10:39.825 with us, but we're so  
NOTE Confidence: 0.9946032  
00:10:39.825 --> 00:10:41.605 focused sometimes on the progress  
NOTE Confidence: 0.98725045  
00:10:41.985 --> 00:10:43.265 that we're not focused in  
NOTE Confidence: 0.98725045  
00:10:43.265 --> 00:10:44.625 allowing people to celebrate with  
NOTE Confidence: 0.98725045  
00:10:44.625 --> 00:10:45.525 us the successes.  
NOTE Confidence: 0.9644693

00:10:46.785 --> 00:10:47.665 Come on. We need to  
NOTE Confidence: 0.9644693

00:10:47.665 --> 00:10:49.684 be complete in the story.  
NOTE Confidence: 0.9660029

00:10:51.330 --> 00:10:52.929 It would be and for  
NOTE Confidence: 0.9660029

00:10:52.929 --> 00:10:53.890 some of y'all, y'all young  
NOTE Confidence: 0.9660029

00:10:53.890 --> 00:10:55.010 enough that y'all might have  
NOTE Confidence: 0.9660029

00:10:55.010 --> 00:10:55.650 to look it up on  
NOTE Confidence: 0.9660029

00:10:55.650 --> 00:10:56.610 YouTube, but there's some called  
NOTE Confidence: 0.9660029

00:10:56.610 --> 00:10:57.650 the dream team, the first  
NOTE Confidence: 0.9660029

00:10:57.650 --> 00:10:58.390 dream team.  
NOTE Confidence: 0.85908073

00:11:00.450 --> 00:11:01.410 I know. You I'm just  
NOTE Confidence: 0.85908073

00:11:01.410 --> 00:11:01.910 saying.  
NOTE Confidence: 0.9585609

00:11:03.395 --> 00:11:04.355 Or in the nineteen eighties  
NOTE Confidence: 0.9585609

00:11:04.355 --> 00:11:05.395 for the hockey fans, the  
NOTE Confidence: 0.9585609

00:11:05.395 --> 00:11:06.434 miracle to team on the  
NOTE Confidence: 0.9585609

00:11:06.434 --> 00:11:08.675 miracle on ice. What would  
NOTE Confidence: 0.9585609

00:11:08.675 --> 00:11:09.415 have happened

NOTE Confidence: 0.92710245  
00:11:11.875 --> 00:11:13.735 if at the last second,  
NOTE Confidence: 0.95447356  
00:11:14.995 --> 00:11:16.115 the US is down and  
NOTE Confidence: 0.95447356  
00:11:16.115 --> 00:11:17.475 all of a sudden, either  
NOTE Confidence: 0.95447356  
00:11:17.475 --> 00:11:18.615 basketball or hockey,  
NOTE Confidence: 0.9651553  
00:11:19.080 --> 00:11:21.240 you shoot. And with one  
NOTE Confidence: 0.9651553  
00:11:21.240 --> 00:11:22.680 second left, we make it.  
NOTE Confidence: 0.9651553  
00:11:22.680 --> 00:11:24.040 The US wins, and all  
NOTE Confidence: 0.9651553  
00:11:24.040 --> 00:11:25.160 of the players just walked  
NOTE Confidence: 0.9651553  
00:11:25.160 --> 00:11:25.980 off the court.  
NOTE Confidence: 0.99868375  
00:11:27.880 --> 00:11:28.780 You'd be confused.  
NOTE Confidence: 0.9997013  
00:11:32.015 --> 00:11:33.395 We do that in science.  
NOTE Confidence: 0.95940423  
00:11:35.055 --> 00:11:36.915 We don't really bring along  
NOTE Confidence: 0.95940423  
00:11:37.055 --> 00:11:38.975 folks enough so that people  
NOTE Confidence: 0.95940423  
00:11:38.975 --> 00:11:40.335 from Dinwiddie, which is in  
NOTE Confidence: 0.95940423  
00:11:40.335 --> 00:11:41.695 Virginia, all the way to  
NOTE Confidence: 0.95940423

00:11:41.695 --> 00:11:43.695 high impact urban areas understand

NOTE Confidence: 0.95940423

00:11:43.695 --> 00:11:45.079 that we still have a

NOTE Confidence: 0.95940423

00:11:45.079 --> 00:11:46.120 lot to go, but we've

NOTE Confidence: 0.95940423

00:11:46.120 --> 00:11:47.480 made some progress. And so

NOTE Confidence: 0.95940423

00:11:47.480 --> 00:11:48.600 I would sort of say,

NOTE Confidence: 0.95940423

00:11:48.600 --> 00:11:50.040 would you keep giving someone

NOTE Confidence: 0.95940423

00:11:50.040 --> 00:11:51.160 money if they kept telling

NOTE Confidence: 0.95940423

00:11:51.160 --> 00:11:51.959 you, nope. Is it getting

NOTE Confidence: 0.95940423

00:11:51.959 --> 00:11:53.000 better? No. It's getting better.

NOTE Confidence: 0.95940423

00:11:53.000 --> 00:11:54.199 No. Not getting better. Nope.

NOTE Confidence: 0.95940423

00:11:54.199 --> 00:11:55.179 Not getting better.

NOTE Confidence: 0.9970867

00:11:56.595 --> 00:11:57.714 At some point, we are

NOTE Confidence: 0.9970867

00:11:57.714 --> 00:11:58.755 gonna have to be better

NOTE Confidence: 0.9970867

00:11:58.755 --> 00:11:59.575 at communicating

NOTE Confidence: 0.9428695

00:12:00.675 --> 00:12:02.455 the challenges ahead, but also

NOTE Confidence: 0.9428695

00:12:02.595 --> 00:12:03.975 sharing in the success.

NOTE Confidence: 0.98046976  
00:12:04.995 --> 00:12:06.675 It's important because when we  
NOTE Confidence: 0.98046976  
00:12:06.675 --> 00:12:07.654 frame the conversation,  
NOTE Confidence: 0.99871296  
00:12:08.274 --> 00:12:09.850 we ought to know that  
NOTE Confidence: 0.99871296  
00:12:09.850 --> 00:12:11.130 we have made some progress  
NOTE Confidence: 0.99871296  
00:12:11.130 --> 00:12:12.090 even in the context of  
NOTE Confidence: 0.99871296  
00:12:12.090 --> 00:12:12.590 disparities.  
NOTE Confidence: 0.9396716  
00:12:13.210 --> 00:12:14.570 The difference between black, white  
NOTE Confidence: 0.9396716  
00:12:14.570 --> 00:12:15.929 deaths was thirty three percent  
NOTE Confidence: 0.9396716  
00:12:15.929 --> 00:12:17.050 and ninety sets down to  
NOTE Confidence: 0.9396716  
00:12:17.050 --> 00:12:17.550 eleven.  
NOTE Confidence: 0.9941041  
00:12:18.410 --> 00:12:19.530 Is it one? Is it  
NOTE Confidence: 0.9941041  
00:12:19.530 --> 00:12:21.530 zero percent? No. What this  
NOTE Confidence: 0.9941041  
00:12:21.530 --> 00:12:23.115 says is that we don't  
NOTE Confidence: 0.9941041  
00:12:23.115 --> 00:12:24.155 take our foot off the  
NOTE Confidence: 0.9941041  
00:12:24.155 --> 00:12:25.755 pedal, but you have to  
NOTE Confidence: 0.9941041

00:12:25.755 --> 00:12:27.355 actually sort of say that  
NOTE Confidence: 0.9941041

00:12:27.355 --> 00:12:28.735 when people from the community  
NOTE Confidence: 0.9941041

00:12:28.795 --> 00:12:30.395 actually understand that there is  
NOTE Confidence: 0.9941041

00:12:30.395 --> 00:12:30.895 hope  
NOTE Confidence: 0.96432835

00:12:32.554 --> 00:12:33.755 and how do we bring  
NOTE Confidence: 0.96432835

00:12:33.755 --> 00:12:35.135 that hope to those communities,  
NOTE Confidence: 0.96432835

00:12:35.195 --> 00:12:36.475 it makes a little bit  
NOTE Confidence: 0.96432835

00:12:36.475 --> 00:12:37.755 of our jobs easier, but  
NOTE Confidence: 0.96432835

00:12:37.755 --> 00:12:38.980 so the people in communities.  
NOTE Confidence: 0.96432835

00:12:38.980 --> 00:12:40.740 Because, again, we can't just  
NOTE Confidence: 0.96432835

00:12:40.740 --> 00:12:41.940 be in our laboratories and  
NOTE Confidence: 0.96432835

00:12:41.940 --> 00:12:42.980 be on our computers and  
NOTE Confidence: 0.96432835

00:12:42.980 --> 00:12:44.579 now doing the AI stuff  
NOTE Confidence: 0.96432835

00:12:44.579 --> 00:12:45.699 and being our little sort  
NOTE Confidence: 0.96432835

00:12:45.699 --> 00:12:47.559 of bubble without communicating  
NOTE Confidence: 0.9986538

00:12:49.940 --> 00:12:52.019 that those philanthropic dollars that

NOTE Confidence: 0.9986538  
00:12:52.019 --> 00:12:52.679 they give  
NOTE Confidence: 0.95943767  
00:12:54.095 --> 00:12:55.375 when they watch a show  
NOTE Confidence: 0.95943767  
00:12:55.375 --> 00:12:57.235 and they wanna donate or  
NOTE Confidence: 0.89822996  
00:12:58.095 --> 00:12:59.535 pay their taxpayer dollars or  
NOTE Confidence: 0.89822996  
00:12:59.535 --> 00:13:01.375 actually going to something that's  
NOTE Confidence: 0.89822996  
00:13:01.375 --> 00:13:02.274 making a difference.  
NOTE Confidence: 0.99406826  
00:13:02.975 --> 00:13:04.175 Now I will wanna tell  
NOTE Confidence: 0.99406826  
00:13:04.175 --> 00:13:04.915 you that  
NOTE Confidence: 0.9990149  
00:13:05.535 --> 00:13:06.995 there has been progress  
NOTE Confidence: 0.5394537  
00:13:08.700 --> 00:13:09.440 at all,  
NOTE Confidence: 0.7576787  
00:13:10.300 --> 00:13:11.440 racist and ethnicities,  
NOTE Confidence: 0.99909115  
00:13:12.059 --> 00:13:12.559 and  
NOTE Confidence: 0.99934787  
00:13:13.020 --> 00:13:15.040 there has been some progress  
NOTE Confidence: 0.9058598  
00:13:16.780 --> 00:13:18.400 smaller in rural communities.  
NOTE Confidence: 0.9448845  
00:13:19.820 --> 00:13:21.340 So the issue isn't progress.  
NOTE Confidence: 0.9448845

00:13:21.340 --> 00:13:22.220 The issue is can we  
NOTE Confidence: 0.9448845

00:13:22.220 --> 00:13:22.880 do better?  
NOTE Confidence: 0.96842384

00:13:24.005 --> 00:13:24.964 I submit to you that  
NOTE Confidence: 0.96842384

00:13:24.964 --> 00:13:26.425 we are gonna have to  
NOTE Confidence: 0.96842384

00:13:26.485 --> 00:13:28.245 because despite this progress, we  
NOTE Confidence: 0.96842384

00:13:28.245 --> 00:13:30.265 still have disparities between communities,  
NOTE Confidence: 0.96842384

00:13:30.404 --> 00:13:31.304 between races,  
NOTE Confidence: 0.9995598

00:13:32.165 --> 00:13:33.524 between people who are living  
NOTE Confidence: 0.9995598

00:13:33.524 --> 00:13:34.505 in rural areas.  
NOTE Confidence: 0.87942034

00:13:39.089 --> 00:13:40.470 We actually have  
NOTE Confidence: 0.99975544

00:13:40.850 --> 00:13:41.809 things that we need to  
NOTE Confidence: 0.99975544

00:13:41.809 --> 00:13:42.309 do.  
NOTE Confidence: 0.9864116

00:13:43.889 --> 00:13:45.170 I pointed this out because  
NOTE Confidence: 0.9864116

00:13:45.170 --> 00:13:46.610 I'm actually gonna get to  
NOTE Confidence: 0.9864116

00:13:46.610 --> 00:13:48.309 the point, which is  
NOTE Confidence: 0.9829734

00:13:48.690 --> 00:13:50.690 we are fascinated by the

NOTE Confidence: 0.9829734  
00:13:50.690 --> 00:13:53.110 DNA aspects of our biology.  
NOTE Confidence: 0.9829734  
00:13:53.315 --> 00:13:54.834 Oh my god. By the  
NOTE Confidence: 0.9829734  
00:13:54.834 --> 00:13:56.115 way, if love and science  
NOTE Confidence: 0.9829734  
00:13:56.115 --> 00:13:57.315 is wrong, I don't wanna  
NOTE Confidence: 0.9829734  
00:13:57.315 --> 00:13:57.894 be right.  
NOTE Confidence: 0.9642858  
00:13:59.475 --> 00:14:00.434 But I do have to  
NOTE Confidence: 0.9642858  
00:14:00.434 --> 00:14:01.554 tell you when we start  
NOTE Confidence: 0.9642858  
00:14:01.554 --> 00:14:02.515 looking at and this is  
NOTE Confidence: 0.9642858  
00:14:02.515 --> 00:14:03.394 just a map of life  
NOTE Confidence: 0.9642858  
00:14:03.394 --> 00:14:03.894 expectancy.  
NOTE Confidence: 0.995755  
00:14:04.274 --> 00:14:05.315 So what you see is  
NOTE Confidence: 0.995755  
00:14:05.315 --> 00:14:06.454 that there is a pattern.  
NOTE Confidence: 0.99959654  
00:14:07.429 --> 00:14:07.929 Red  
NOTE Confidence: 0.9209226  
00:14:08.309 --> 00:14:09.769 means shorter life expectancy,  
NOTE Confidence: 0.98681873  
00:14:10.070 --> 00:14:11.429 so that's to your left.  
NOTE Confidence: 0.98681873

00:14:11.429 --> 00:14:12.390 And to your right, the  
NOTE Confidence: 0.98681873

00:14:12.390 --> 00:14:13.370 blue is  
NOTE Confidence: 0.9806761

00:14:14.149 --> 00:14:15.610 worse outcomes from cancer,  
NOTE Confidence: 0.99674416

00:14:16.149 --> 00:14:17.690 by looking at deaths.  
NOTE Confidence: 0.92339194

00:14:19.029 --> 00:14:20.730 Here's a scenario for you.  
NOTE Confidence: 0.9328318

00:14:21.135 --> 00:14:22.415 When we talk about disparities  
NOTE Confidence: 0.9328318

00:14:22.415 --> 00:14:23.455 research, we usually talk about  
NOTE Confidence: 0.9328318

00:14:23.455 --> 00:14:24.655 African Americans. We talk about  
NOTE Confidence: 0.9328318

00:14:24.655 --> 00:14:25.455 prostate cancer, all of a  
NOTE Confidence: 0.9328318

00:14:25.455 --> 00:14:26.415 sudden. The very first thing  
NOTE Confidence: 0.9328318

00:14:26.415 --> 00:14:27.295 we go to is there  
NOTE Confidence: 0.9328318

00:14:27.295 --> 00:14:28.175 must be a mutation. There  
NOTE Confidence: 0.9328318

00:14:28.175 --> 00:14:29.375 must be a genetic there  
NOTE Confidence: 0.9328318

00:14:29.375 --> 00:14:31.155 must be this SNP. Right?  
NOTE Confidence: 0.9328318

00:14:31.215 --> 00:14:32.115 But hold up.  
NOTE Confidence: 0.9993359

00:14:35.060 --> 00:14:36.260 Why don't we talk about

NOTE Confidence: 0.9993359

00:14:36.260 --> 00:14:37.480 the genetic aspects

NOTE Confidence: 0.9978857

00:14:37.780 --> 00:14:39.720 when you actually have a

NOTE Confidence: 0.9978857

00:14:39.860 --> 00:14:41.240 white woman from Boston

NOTE Confidence: 0.9631986

00:14:42.420 --> 00:14:43.700 with the same stage breast

NOTE Confidence: 0.9631986

00:14:43.700 --> 00:14:45.700 cancer compared to the same

NOTE Confidence: 0.9631986

00:14:45.700 --> 00:14:47.560 age white woman from Shreveport,

NOTE Confidence: 0.9631986

00:14:47.620 --> 00:14:48.120 Louisiana.

NOTE Confidence: 0.97038317

00:14:48.825 --> 00:14:49.705 But tell you what, in

NOTE Confidence: 0.97038317

00:14:49.705 --> 00:14:51.305 Shreveport, Louisiana, there's three times

NOTE Confidence: 0.97038317

00:14:51.305 --> 00:14:52.685 worse outcomes from cancer.

NOTE Confidence: 0.9646338

00:14:53.225 --> 00:14:55.085 Same stage, same breast cancer.

NOTE Confidence: 0.9646338

00:14:55.305 --> 00:14:56.505 We don't usually say, oh

NOTE Confidence: 0.9646338

00:14:56.505 --> 00:14:57.625 my god. What's going on

NOTE Confidence: 0.9646338

00:14:57.625 --> 00:14:58.845 here in Beattyville, Kentucky?

NOTE Confidence: 0.99808043

00:14:59.465 --> 00:15:00.665 There must be some genetic

NOTE Confidence: 0.99808043

00:15:00.665 --> 00:15:01.805 abnormalities there.  
NOTE Confidence: 0.9978237

00:15:02.820 --> 00:15:03.780 What's going on with these  
NOTE Confidence: 0.9978237

00:15:03.780 --> 00:15:04.760 women in Shreveport?  
NOTE Confidence: 0.99957097

00:15:05.780 --> 00:15:07.080 We don't say that.  
NOTE Confidence: 0.9992732

00:15:08.100 --> 00:15:09.540 Now I'm not the one  
NOTE Confidence: 0.9992732

00:15:09.540 --> 00:15:10.580 to tell you that there  
NOTE Confidence: 0.9992732

00:15:10.580 --> 00:15:12.360 isn't something very important  
NOTE Confidence: 0.97464997

00:15:12.820 --> 00:15:14.740 in drivers and mutations and  
NOTE Confidence: 0.97464997

00:15:14.740 --> 00:15:16.020 all these things, but I  
NOTE Confidence: 0.97464997

00:15:16.020 --> 00:15:17.380 am here to sort of  
NOTE Confidence: 0.97464997

00:15:17.380 --> 00:15:18.280 say to you  
NOTE Confidence: 0.97484356

00:15:18.825 --> 00:15:20.025 that your ZIP code and  
NOTE Confidence: 0.97484356

00:15:20.025 --> 00:15:21.005 neighborhood of association  
NOTE Confidence: 0.9050838

00:15:21.465 --> 00:15:22.605 where you live matters.  
NOTE Confidence: 0.99600387

00:15:23.305 --> 00:15:24.505 How do you explain that  
NOTE Confidence: 0.99600387

00:15:24.505 --> 00:15:25.465 a seventy year old white

NOTE Confidence: 0.99600387  
00:15:25.465 --> 00:15:26.665 male with the same stage  
NOTE Confidence: 0.99600387  
00:15:26.665 --> 00:15:27.485 lung cancer  
NOTE Confidence: 0.9987456  
00:15:28.025 --> 00:15:29.625 has a three times better  
NOTE Confidence: 0.9987456  
00:15:29.625 --> 00:15:31.065 outcome if they live in  
NOTE Confidence: 0.9987456  
00:15:31.065 --> 00:15:31.805 Salt Lake  
NOTE Confidence: 0.95635945  
00:15:32.139 --> 00:15:33.660 City, Utah than if they  
NOTE Confidence: 0.95635945  
00:15:33.660 --> 00:15:35.120 live in Beattyville, Kentucky.  
NOTE Confidence: 0.98553264  
00:15:35.740 --> 00:15:37.360 Anybody from Kentucky here?  
NOTE Confidence: 0.9983735  
00:15:38.220 --> 00:15:38.720 Okay.  
NOTE Confidence: 0.9940177  
00:15:39.420 --> 00:15:40.459 It's a nice place y'all  
NOTE Confidence: 0.9940177  
00:15:40.459 --> 00:15:41.199 need to visit.  
NOTE Confidence: 0.99474317  
00:15:44.075 --> 00:15:45.115 I wanna make the point  
NOTE Confidence: 0.99474317  
00:15:45.115 --> 00:15:46.815 that we have to expand  
NOTE Confidence: 0.99474317  
00:15:47.115 --> 00:15:48.875 our way of thinking about  
NOTE Confidence: 0.99474317  
00:15:48.875 --> 00:15:49.375 science.  
NOTE Confidence: 0.96986574

00:15:49.995 --> 00:15:51.515 And over the last decades

NOTE Confidence: 0.96986574

00:15:51.515 --> 00:15:52.795 or so, we've gotten a

NOTE Confidence: 0.96986574

00:15:52.795 --> 00:15:53.835 way of doing this. Now

NOTE Confidence: 0.96986574

00:15:53.835 --> 00:15:54.714 since it's a grand round,

NOTE Confidence: 0.96986574

00:15:54.714 --> 00:15:55.675 I figured let's come with

NOTE Confidence: 0.96986574

00:15:55.675 --> 00:15:56.955 a case. It's a different

NOTE Confidence: 0.96986574

00:15:56.955 --> 00:15:58.735 kind of case, guys, but

NOTE Confidence: 0.99939495

00:15:59.040 --> 00:15:59.920 stick with me for a

NOTE Confidence: 0.99939495

00:15:59.920 --> 00:16:00.579 little bit.

NOTE Confidence: 0.93161404

00:16:01.360 --> 00:16:02.100 Two brothers,

NOTE Confidence: 0.9220644

00:16:03.440 --> 00:16:04.500 and they are cute.

NOTE Confidence: 0.9743034

00:16:06.000 --> 00:16:06.959 That guy looks like my

NOTE Confidence: 0.9743034

00:16:06.959 --> 00:16:08.000 little brother. He would always

NOTE Confidence: 0.9743034

00:16:08.000 --> 00:16:08.880 bite me and stuff like

NOTE Confidence: 0.9743034

00:16:08.880 --> 00:16:09.600 that. I'm like, dude, what

NOTE Confidence: 0.9743034

00:16:09.600 --> 00:16:10.420 are you doing?

NOTE Confidence: 0.9934486  
00:16:12.079 --> 00:16:13.139 Control yourself.  
NOTE Confidence: 0.9850053  
00:16:14.565 --> 00:16:15.065 Raised  
NOTE Confidence: 0.8882548  
00:16:15.445 --> 00:16:16.905 together in the same city.  
NOTE Confidence: 0.8882548  
00:16:17.205 --> 00:16:18.665 So just thinking about this.  
NOTE Confidence: 0.99330777  
00:16:19.045 --> 00:16:20.105 In the same home,  
NOTE Confidence: 0.99019814  
00:16:20.565 --> 00:16:21.945 under the same circumstances,  
NOTE Confidence: 0.996727  
00:16:22.565 --> 00:16:23.625 and they subsequently  
NOTE Confidence: 0.9701554  
00:16:24.005 --> 00:16:25.205 grow up as all kids  
NOTE Confidence: 0.9701554  
00:16:25.205 --> 00:16:26.345 do, and they move away.  
NOTE Confidence: 0.8292328  
00:16:29.540 --> 00:16:30.040 One,  
NOTE Confidence: 0.9752079  
00:16:30.420 --> 00:16:31.700 and we're gonna use Illinois  
NOTE Confidence: 0.9752079  
00:16:31.700 --> 00:16:33.160 because I was always told  
NOTE Confidence: 0.9744201  
00:16:33.780 --> 00:16:35.300 never go to a city  
NOTE Confidence: 0.9744201  
00:16:35.300 --> 00:16:36.420 or a town and then  
NOTE Confidence: 0.9744201  
00:16:36.420 --> 00:16:37.620 talk about that town. Just  
NOTE Confidence: 0.9744201

00:16:37.620 --> 00:16:38.760 talk about other towns.  
NOTE Confidence: 0.94079244

00:16:39.540 --> 00:16:40.580 My great father said, if  
NOTE Confidence: 0.94079244

00:16:40.580 --> 00:16:41.700 you're gonna talk about someone,  
NOTE Confidence: 0.94079244

00:16:41.700 --> 00:16:42.740 always talk about somebody else.  
NOTE Confidence: 0.94079244

00:16:42.740 --> 00:16:43.816 Don't be talk about somebody  
NOTE Confidence: 0.94079244

00:16:43.816 --> 00:16:45.244 else's house? Don't talk. So  
NOTE Confidence: 0.94079244

00:16:45.244 --> 00:16:46.959 we're gonna talk about we're  
NOTE Confidence: 0.94079244

00:16:46.959 --> 00:16:48.387 gonna talk about Illinois. One  
NOTE Confidence: 0.94079244

00:16:48.387 --> 00:16:49.816 moves to the Gold Coast.  
NOTE Confidence: 0.94079244

00:16:49.816 --> 00:16:51.244 The Gold Coast would be,  
NOTE Confidence: 0.94079244

00:16:51.530 --> 00:16:52.958 to make this even easier  
NOTE Confidence: 0.94079244

00:16:52.958 --> 00:16:54.387 where there are shops. There's  
NOTE Confidence: 0.94079244

00:16:54.387 --> 00:16:55.850 all these wonderful things. Let  
NOTE Confidence: 0.94079244

00:16:55.850 --> 00:16:56.890 me make this even easier.  
NOTE Confidence: 0.94079244

00:16:56.890 --> 00:16:58.090 Oprah Winfrey, when she goes  
NOTE Confidence: 0.94079244

00:16:58.090 --> 00:16:59.290 back to Chicago, she's heading

NOTE Confidence: 0.94079244  
00:16:59.290 --> 00:17:00.430 back to the Gold Coast.  
NOTE Confidence: 0.98180896  
00:17:01.450 --> 00:17:02.410 Many of you know it's  
NOTE Confidence: 0.98180896  
00:17:02.410 --> 00:17:03.070 a wonderful,  
NOTE Confidence: 0.99975395  
00:17:03.370 --> 00:17:04.350 amazing place.  
NOTE Confidence: 0.95251113  
00:17:04.970 --> 00:17:06.250 One of the brothers happens  
NOTE Confidence: 0.95251113  
00:17:06.250 --> 00:17:07.470 to just move there.  
NOTE Confidence: 0.9418647  
00:17:08.505 --> 00:17:09.244 In his,  
NOTE Confidence: 0.98860365  
00:17:09.785 --> 00:17:11.065 you know, early twenties, he  
NOTE Confidence: 0.98860365  
00:17:11.065 --> 00:17:12.105 finds a job. The other  
NOTE Confidence: 0.98860365  
00:17:12.105 --> 00:17:13.244 one moves to Moline.  
NOTE Confidence: 0.9844883  
00:17:14.425 --> 00:17:15.945 Moline is not the Gold  
NOTE Confidence: 0.9844883  
00:17:15.945 --> 00:17:16.445 Coast.  
NOTE Confidence: 0.97870123  
00:17:17.305 --> 00:17:18.125 High poverty,  
NOTE Confidence: 0.9915688  
00:17:18.585 --> 00:17:19.325 high crime,  
NOTE Confidence: 0.97262555  
00:17:21.660 --> 00:17:24.060 low access to really good  
NOTE Confidence: 0.97262555

00:17:24.060 --> 00:17:24.560 foods.  
NOTE Confidence: 0.9595914

00:17:25.420 --> 00:17:26.380 This would be the same  
NOTE Confidence: 0.9595914

00:17:26.380 --> 00:17:27.660 situation, by the way, in  
NOTE Confidence: 0.9595914

00:17:27.820 --> 00:17:29.580 I'm using Moline because I'm  
NOTE Confidence: 0.9595914

00:17:29.580 --> 00:17:30.460 laughing a little bit for  
NOTE Confidence: 0.9595914

00:17:30.460 --> 00:17:31.980 those from Illinois because a  
NOTE Confidence: 0.9595914

00:17:31.980 --> 00:17:33.340 Moline, whether you're on the  
NOTE Confidence: 0.9595914

00:17:33.340 --> 00:17:35.294 south side of Chicago or  
NOTE Confidence: 0.9595914

00:17:35.294 --> 00:17:36.494 you're in rural areas like  
NOTE Confidence: 0.9595914

00:17:36.494 --> 00:17:37.155 a Moline,  
NOTE Confidence: 0.9986179

00:17:38.015 --> 00:17:39.155 it's the same situation.  
NOTE Confidence: 0.91088307

00:17:39.775 --> 00:17:40.915 So, like, two brothers.  
NOTE Confidence: 0.9765999

00:17:43.215 --> 00:17:44.174 The question that I have  
NOTE Confidence: 0.9765999

00:17:44.174 --> 00:17:45.455 for this audience, and we'll  
NOTE Confidence: 0.9765999

00:17:45.455 --> 00:17:46.895 get to dealing with this  
NOTE Confidence: 0.9765999

00:17:46.895 --> 00:17:47.775 with some of the data

NOTE Confidence: 0.9765999

00:17:47.775 --> 00:17:48.994 that I think I have,

NOTE Confidence: 0.92416215

00:17:49.630 --> 00:17:50.590 to point at that I

NOTE Confidence: 0.92416215

00:17:50.590 --> 00:17:52.109 think the conclusions will be

NOTE Confidence: 0.92416215

00:17:52.109 --> 00:17:52.850 maybe different.

NOTE Confidence: 0.96569234

00:17:53.950 --> 00:17:55.490 They both develop lung cancer.

NOTE Confidence: 0.99423665

00:17:57.150 --> 00:17:58.270 Will both the treatments be

NOTE Confidence: 0.99423665

00:17:58.270 --> 00:17:59.150 the same? Will they work

NOTE Confidence: 0.99423665

00:17:59.150 --> 00:18:00.290 the same for both brothers?

NOTE Confidence: 0.9977791

00:18:01.230 --> 00:18:02.369 They're clearly brothers.

NOTE Confidence: 0.999555

00:18:05.225 --> 00:18:06.044 What does

NOTE Confidence: 0.947477

00:18:07.544 --> 00:18:08.905 their environment, I e, what

NOTE Confidence: 0.947477

00:18:08.905 --> 00:18:09.785 they eat, how does it

NOTE Confidence: 0.947477

00:18:09.785 --> 00:18:11.484 change the microbiome, and therefore,

NOTE Confidence: 0.947477

00:18:11.705 --> 00:18:12.825 how would it actually impact

NOTE Confidence: 0.947477

00:18:12.825 --> 00:18:14.205 the treatment if at all?

NOTE Confidence: 0.935326

00:18:15.145 --> 00:18:15.885 And lastly,  
NOTE Confidence: 0.9635642

00:18:16.619 --> 00:18:17.660 how does the role of  
NOTE Confidence: 0.9635642

00:18:17.660 --> 00:18:19.040 stress, everyday stress,  
NOTE Confidence: 0.9996308

00:18:19.580 --> 00:18:20.400 play into  
NOTE Confidence: 0.99596137

00:18:23.260 --> 00:18:24.640 impacting someone's outcome?  
NOTE Confidence: 0.97453517

00:18:26.140 --> 00:18:27.100 I wanna bring to you  
NOTE Confidence: 0.97453517

00:18:27.100 --> 00:18:28.460 this concept of how the  
NOTE Confidence: 0.97453517

00:18:28.460 --> 00:18:28.960 ZNA,  
NOTE Confidence: 0.88404274

00:18:29.635 --> 00:18:31.315 those who know ZIP code  
NOTE Confidence: 0.88404274

00:18:31.315 --> 00:18:32.375 neighborhood of association,  
NOTE Confidence: 0.99552697

00:18:32.755 --> 00:18:33.975 and the intersectionality  
NOTE Confidence: 0.9971865

00:18:34.835 --> 00:18:36.054 of that with the DNA  
NOTE Confidence: 0.98873097

00:18:36.355 --> 00:18:37.635 is really how we talk  
NOTE Confidence: 0.98873097

00:18:37.635 --> 00:18:38.835 about outcomes or how I  
NOTE Confidence: 0.98873097

00:18:38.835 --> 00:18:40.054 think about outcomes.  
NOTE Confidence: 0.99360824

00:18:40.674 --> 00:18:41.955 Today, I'm not gonna get

NOTE Confidence: 0.99360824

00:18:41.955 --> 00:18:43.075 into the whole concept of

NOTE Confidence: 0.99360824

00:18:43.075 --> 00:18:43.575 transdisciplinary

NOTE Confidence: 0.9408573

00:18:43.875 --> 00:18:44.755 research and why I think

NOTE Confidence: 0.9408573

00:18:44.755 --> 00:18:47.080 Convergent science should grow and

NOTE Confidence: 0.9408573

00:18:47.080 --> 00:18:48.619 we should grow as

NOTE Confidence: 0.98743093

00:18:49.000 --> 00:18:50.760 thinking about tackling problems. Instead

NOTE Confidence: 0.98743093

00:18:50.760 --> 00:18:52.280 of just our silos, we

NOTE Confidence: 0.98743093

00:18:52.280 --> 00:18:53.240 should be breaking down the

NOTE Confidence: 0.98743093

00:18:53.240 --> 00:18:54.280 silos and working in a

NOTE Confidence: 0.98743093

00:18:54.280 --> 00:18:55.800 different way. That's another talk

NOTE Confidence: 0.98743093

00:18:55.800 --> 00:18:56.780 for another day.

NOTE Confidence: 0.9781917

00:18:58.294 --> 00:18:59.654 But I am gonna say,

NOTE Confidence: 0.9781917

00:18:59.654 --> 00:19:00.775 think about this slide just

NOTE Confidence: 0.9781917

00:19:00.775 --> 00:19:01.494 for one second. If you

NOTE Confidence: 0.9781917

00:19:01.494 --> 00:19:02.135 could take a look at

NOTE Confidence: 0.9781917

00:19:02.135 --> 00:19:03.255 this. This is going back  
NOTE Confidence: 0.9781917

00:19:03.255 --> 00:19:04.615 to Chicago now. We're staying  
NOTE Confidence: 0.9781917

00:19:04.615 --> 00:19:05.914 in Illinois for a while.  
NOTE Confidence: 0.9762495

00:19:07.174 --> 00:19:08.234 You can see to  
NOTE Confidence: 0.96766883

00:19:08.695 --> 00:19:10.554 your right, the life expectancy  
NOTE Confidence: 0.96766883

00:19:10.695 --> 00:19:11.494 in what we call the  
NOTE Confidence: 0.96766883

00:19:11.494 --> 00:19:12.615 loop that's near the Gold  
NOTE Confidence: 0.96766883

00:19:12.615 --> 00:19:14.154 Coast is eighty five.  
NOTE Confidence: 0.9995918

00:19:14.590 --> 00:19:15.809 You go four miles  
NOTE Confidence: 0.65193135

00:19:16.190 --> 00:19:16.690 literally  
NOTE Confidence: 0.9505927

00:19:17.470 --> 00:19:19.490 just west, the life expectancy  
NOTE Confidence: 0.9505927

00:19:19.549 --> 00:19:20.669 drops to sixty nine. That's  
NOTE Confidence: 0.9505927

00:19:20.669 --> 00:19:21.889 in a place called Garfield  
NOTE Confidence: 0.9505927

00:19:21.950 --> 00:19:23.889 Park. And not shown here,  
NOTE Confidence: 0.93703663

00:19:24.190 --> 00:19:25.070 this is work done by  
NOTE Confidence: 0.93703663

00:19:25.070 --> 00:19:26.289 Steve Wolf from VCU,

NOTE Confidence: 0.95084435

00:19:26.830 --> 00:19:27.789 not shown here is if

NOTE Confidence: 0.95084435

00:19:27.789 --> 00:19:29.385 you go eight miles south,

NOTE Confidence: 0.95084435

00:19:29.625 --> 00:19:31.085 eight miles south,

NOTE Confidence: 0.9995418

00:19:31.385 --> 00:19:33.065 the life expectancy drops by

NOTE Confidence: 0.9995418

00:19:33.065 --> 00:19:33.565 thirty.

NOTE Confidence: 0.9995845

00:19:34.505 --> 00:19:35.005 Now

NOTE Confidence: 0.95267016

00:19:35.305 --> 00:19:36.265 I see somebody in the

NOTE Confidence: 0.95267016

00:19:36.265 --> 00:19:37.305 audience, and they go, come

NOTE Confidence: 0.95267016

00:19:37.305 --> 00:19:38.744 on, doctor Wei. You know

NOTE Confidence: 0.95267016

00:19:38.744 --> 00:19:40.505 what's up. Isn't there such

NOTE Confidence: 0.95267016

00:19:40.505 --> 00:19:41.785 thing as gun violence? Y'all

NOTE Confidence: 0.95267016

00:19:41.785 --> 00:19:42.825 watch too much TV, by

NOTE Confidence: 0.95267016

00:19:42.825 --> 00:19:43.805 the way. But let's

NOTE Confidence: 0.9992234

00:19:44.870 --> 00:19:46.230 take into account the issue

NOTE Confidence: 0.9992234

00:19:46.230 --> 00:19:47.050 around violence.

NOTE Confidence: 0.99540055

00:19:47.350 --> 00:19:48.310 It turns out when they  
NOTE Confidence: 0.99540055

00:19:48.310 --> 00:19:49.050 went back  
NOTE Confidence: 0.9562711

00:19:49.350 --> 00:19:50.470 and factored out for that  
NOTE Confidence: 0.9562711

00:19:50.470 --> 00:19:52.550 that the violence and the  
NOTE Confidence: 0.9562711

00:19:52.550 --> 00:19:54.490 difference in life expectancy was  
NOTE Confidence: 0.9562711

00:19:54.550 --> 00:19:55.050 negligible.  
NOTE Confidence: 0.9992619

00:19:57.615 --> 00:19:58.115 So  
NOTE Confidence: 0.99755985

00:20:00.815 --> 00:20:01.635 what gives?  
NOTE Confidence: 0.999787

00:20:04.494 --> 00:20:05.635 I have an idea  
NOTE Confidence: 0.9966747

00:20:06.494 --> 00:20:08.195 that where you live matters.  
NOTE Confidence: 0.96883965

00:20:08.975 --> 00:20:10.270 It is not to say  
NOTE Confidence: 0.96883965

00:20:10.270 --> 00:20:12.750 that snips, mutations, driver genes,  
NOTE Confidence: 0.96883965

00:20:12.750 --> 00:20:13.309 and all the rest of  
NOTE Confidence: 0.96883965

00:20:13.309 --> 00:20:14.690 that don't play a role,  
NOTE Confidence: 0.96883965

00:20:14.750 --> 00:20:16.109 but I think the concept  
NOTE Confidence: 0.96883965

00:20:16.109 --> 00:20:17.230 is if you look at

NOTE Confidence: 0.96883965

00:20:17.230 --> 00:20:18.770 it from a social molecular

NOTE Confidence: 0.96883965

00:20:18.910 --> 00:20:19.410 perspective,

NOTE Confidence: 0.996681

00:20:20.750 --> 00:20:22.210 that which is going outside

NOTE Confidence: 0.996681

00:20:22.270 --> 00:20:23.650 is impacting the person.

NOTE Confidence: 0.9981395

00:20:24.485 --> 00:20:26.005 And I think being better

NOTE Confidence: 0.9981395

00:20:26.005 --> 00:20:28.345 able to understand that interplay

NOTE Confidence: 0.93816817

00:20:29.125 --> 00:20:30.325 will come up with hopefully

NOTE Confidence: 0.93816817

00:20:30.325 --> 00:20:32.265 better interventions, not all medicines,

NOTE Confidence: 0.93816817

00:20:32.325 --> 00:20:34.165 by the way. Doctor Broder,

NOTE Confidence: 0.93816817

00:20:34.165 --> 00:20:35.685 nineteen eighty nine, actually was

NOTE Confidence: 0.93816817

00:20:35.685 --> 00:20:37.045 one who talked about poverty

NOTE Confidence: 0.93816817

00:20:37.045 --> 00:20:37.865 as a carcinogen.

NOTE Confidence: 0.9484989

00:20:38.510 --> 00:20:39.890 We have from Dick Warnege,

NOTE Confidence: 0.9484989

00:20:40.110 --> 00:20:40.610 who's

NOTE Confidence: 0.8700301

00:20:40.990 --> 00:20:41.550 one of my,

NOTE Confidence: 0.9724262

00:20:42.750 --> 00:20:43.869 one of my mentors, just

NOTE Confidence: 0.9724262

00:20:43.869 --> 00:20:45.070 a giant in the field

NOTE Confidence: 0.9724262

00:20:45.070 --> 00:20:46.030 of of looking at the

NOTE Confidence: 0.9724262

00:20:46.030 --> 00:20:47.869 social sciences, actually came up

NOTE Confidence: 0.9724262

00:20:47.869 --> 00:20:49.150 with this concept of the

NOTE Confidence: 0.9724262

00:20:49.150 --> 00:20:50.865 upstream drivers of health. And

NOTE Confidence: 0.9724262

00:20:50.945 --> 00:20:51.905 most of us know through

NOTE Confidence: 0.9724262

00:20:51.905 --> 00:20:53.505 COVID that we started paying

NOTE Confidence: 0.9724262

00:20:53.505 --> 00:20:55.365 attention to those upstream drivers.

NOTE Confidence: 0.96192485

00:20:55.665 --> 00:20:56.885 You know, us in traditional

NOTE Confidence: 0.96192485

00:20:56.945 --> 00:20:58.385 academic centers, we know we

NOTE Confidence: 0.96192485

00:20:58.385 --> 00:20:59.605 focus more on the fundamental

NOTE Confidence: 0.96192485

00:20:59.744 --> 00:21:01.365 research and the downstream factors,

NOTE Confidence: 0.9968652

00:21:01.665 --> 00:21:03.045 but it's quite apparent

NOTE Confidence: 0.9995818

00:21:03.585 --> 00:21:05.445 that those downstream factors

NOTE Confidence: 0.9984998

00:21:05.940 --> 00:21:07.619 are actually also influenced by

NOTE Confidence: 0.9984998

00:21:07.619 --> 00:21:08.760 what happens upstream.

NOTE Confidence: 0.97847867

00:21:10.260 --> 00:21:11.080 So for me,

NOTE Confidence: 0.9986618

00:21:11.460 --> 00:21:13.299 it has been understanding that

NOTE Confidence: 0.9986618

00:21:13.299 --> 00:21:13.799 communities,

NOTE Confidence: 0.99020594

00:21:14.500 --> 00:21:16.179 or African American communities don't

NOTE Confidence: 0.99020594

00:21:16.179 --> 00:21:17.619 just get more cancer just

NOTE Confidence: 0.99020594

00:21:17.619 --> 00:21:19.619 because they're biologically more you

NOTE Confidence: 0.99020594

00:21:19.619 --> 00:21:20.119 know,

NOTE Confidence: 0.946121

00:21:20.565 --> 00:21:22.164 that that their biology. It's

NOTE Confidence: 0.946121

00:21:22.164 --> 00:21:24.244 their skin that's not entirely

NOTE Confidence: 0.946121

00:21:24.244 --> 00:21:24.744 true.

NOTE Confidence: 0.8928462

00:21:25.445 --> 00:21:26.164 But it is true at

NOTE Confidence: 0.8928462

00:21:26.164 --> 00:21:27.524 things like particulate matter two

NOTE Confidence: 0.8928462

00:21:27.524 --> 00:21:28.965 point five that disproportionately in

NOTE Confidence: 0.8928462

00:21:28.965 --> 00:21:30.644 areas of poor places and

NOTE Confidence: 0.8928462

00:21:30.644 --> 00:21:31.544 people of color.  
NOTE Confidence: 0.9754321

00:21:32.779 --> 00:21:34.779 So I stopped at my  
NOTE Confidence: 0.9754321

00:21:34.779 --> 00:21:35.679 cancer center  
NOTE Confidence: 0.93537396

00:21:36.059 --> 00:21:37.580 having people say, well, this  
NOTE Confidence: 0.93537396

00:21:37.580 --> 00:21:38.700 is African American. They're just  
NOTE Confidence: 0.93537396

00:21:38.700 --> 00:21:39.520 more predisposed.  
NOTE Confidence: 0.8999711

00:21:39.980 --> 00:21:41.279 Predisposed why?  
NOTE Confidence: 0.97110367

00:21:41.659 --> 00:21:42.619 Is it based on the  
NOTE Confidence: 0.97110367

00:21:42.619 --> 00:21:44.220 DNA or their ZNA? Another  
NOTE Confidence: 0.97110367

00:21:44.220 --> 00:21:45.020 way of looking at it  
NOTE Confidence: 0.97110367

00:21:45.020 --> 00:21:45.760 is the intersectionality  
NOTE Confidence: 0.97648484

00:21:46.234 --> 00:21:47.115 between the genome and the  
NOTE Confidence: 0.97648484

00:21:47.115 --> 00:21:48.075 xenome. And I know the  
NOTE Confidence: 0.97648484

00:21:48.075 --> 00:21:49.195 xenome's a made up word,  
NOTE Confidence: 0.97648484

00:21:49.195 --> 00:21:50.395 but just hang with me  
NOTE Confidence: 0.97648484

00:21:50.395 --> 00:21:50.895 for

NOTE Confidence: 0.9905899  
00:21:52.234 --> 00:21:53.055 for the concept.  
NOTE Confidence: 0.99895823  
00:21:54.635 --> 00:21:56.015 So what does that mean?  
NOTE Confidence: 0.97787154  
00:21:56.955 --> 00:21:57.994 My first thing when I  
NOTE Confidence: 0.97787154  
00:21:57.994 --> 00:21:59.355 came to Massey is I  
NOTE Confidence: 0.97787154  
00:21:59.355 --> 00:22:00.555 said the bench to bedside  
NOTE Confidence: 0.97787154  
00:22:00.555 --> 00:22:01.770 model is great and has  
NOTE Confidence: 0.97787154  
00:22:01.770 --> 00:22:03.130 gotten us this far, but  
NOTE Confidence: 0.97787154  
00:22:03.130 --> 00:22:03.930 we were gonna flip the  
NOTE Confidence: 0.97787154  
00:22:03.930 --> 00:22:04.730 script and go to a  
NOTE Confidence: 0.97787154  
00:22:04.730 --> 00:22:06.109 people to pipette model.  
NOTE Confidence: 0.91521055  
00:22:06.890 --> 00:22:08.590 And any people to pipette  
NOTE Confidence: 0.91521055  
00:22:08.650 --> 00:22:09.150 model,  
NOTE Confidence: 0.93934935  
00:22:09.450 --> 00:22:10.810 it was looking at the  
NOTE Confidence: 0.93934935  
00:22:10.810 --> 00:22:11.930 omics that were missing in  
NOTE Confidence: 0.93934935  
00:22:11.930 --> 00:22:12.590 the community.  
NOTE Confidence: 0.99659425

00:22:13.290 --> 00:22:14.890 And having that data help  
NOTE Confidence: 0.99659425

00:22:14.890 --> 00:22:16.910 us refine our scientific questions  
NOTE Confidence: 0.9787372

00:22:17.715 --> 00:22:19.475 and refine even some of  
NOTE Confidence: 0.9787372

00:22:19.475 --> 00:22:20.215 our approaches.  
NOTE Confidence: 0.9940556

00:22:20.515 --> 00:22:21.155 So how do we do  
NOTE Confidence: 0.9940556

00:22:21.155 --> 00:22:21.955 that? I'm gonna show you  
NOTE Confidence: 0.9940556

00:22:21.955 --> 00:22:22.674 that in a minute. I'm  
NOTE Confidence: 0.9940556

00:22:22.674 --> 00:22:23.734 gonna show you the outcome.  
NOTE Confidence: 0.92883366

00:22:25.635 --> 00:22:26.355 And, again,  
NOTE Confidence: 0.92497903

00:22:26.914 --> 00:22:28.595 the the phrase community omics  
NOTE Confidence: 0.92497903

00:22:28.595 --> 00:22:30.674 was phrase, coined by, doctor  
NOTE Confidence: 0.92497903

00:22:30.674 --> 00:22:32.410 Catherine Toces, but I really  
NOTE Confidence: 0.92497903

00:22:32.410 --> 00:22:33.609 liked it because it was  
NOTE Confidence: 0.92497903

00:22:33.609 --> 00:22:34.590 the missing omics.  
NOTE Confidence: 0.9814121

00:22:35.050 --> 00:22:36.490 And what I loved about  
NOTE Confidence: 0.9814121

00:22:36.490 --> 00:22:37.770 this, it gave me now

NOTE Confidence: 0.9814121  
00:22:37.770 --> 00:22:38.570 a way to talk to  
NOTE Confidence: 0.9814121  
00:22:38.570 --> 00:22:39.850 my scientist colleagues who would  
NOTE Confidence: 0.9814121  
00:22:39.850 --> 00:22:41.530 always say, I'm a basic  
NOTE Confidence: 0.9814121  
00:22:41.530 --> 00:22:42.410 scientist. I don't know what  
NOTE Confidence: 0.9814121  
00:22:42.410 --> 00:22:42.970 I can do in the  
NOTE Confidence: 0.9814121  
00:22:42.970 --> 00:22:44.250 community. I would say, right.  
NOTE Confidence: 0.9814121  
00:22:44.250 --> 00:22:45.210 So you got the missing  
NOTE Confidence: 0.9814121  
00:22:45.210 --> 00:22:46.109 omic problem.  
NOTE Confidence: 0.9325395  
00:22:46.615 --> 00:22:47.654 Never say, what's the missing  
NOTE Confidence: 0.9325395  
00:22:47.654 --> 00:22:48.934 omic? I go, that's the  
NOTE Confidence: 0.9325395  
00:22:48.934 --> 00:22:49.674 issue. Right?  
NOTE Confidence: 0.93191546  
00:22:50.054 --> 00:22:51.815 So thinking about catchment area  
NOTE Confidence: 0.93191546  
00:22:51.815 --> 00:22:53.115 is not just a descriptor  
NOTE Confidence: 0.94095683  
00:22:53.575 --> 00:22:54.955 or thinking about community,  
NOTE Confidence: 0.91529256  
00:22:55.255 --> 00:22:56.534 and engagement is not just  
NOTE Confidence: 0.91529256

00:22:56.534 --> 00:22:57.274 an activity,  
NOTE Confidence: 0.9608319

00:22:57.575 --> 00:22:59.654 but a science of outreach  
NOTE Confidence: 0.9608319

00:22:59.654 --> 00:23:01.174 and engagement, we've been able  
NOTE Confidence: 0.9608319

00:23:01.174 --> 00:23:01.914 to frame  
NOTE Confidence: 0.99783117

00:23:02.290 --> 00:23:04.050 the missing data within communities  
NOTE Confidence: 0.99783117

00:23:04.050 --> 00:23:05.490 and bring that back to  
NOTE Confidence: 0.99783117

00:23:05.490 --> 00:23:06.710 help drive our science.  
NOTE Confidence: 0.9875835

00:23:07.490 --> 00:23:08.609 It's been fun to watch,  
NOTE Confidence: 0.9875835

00:23:08.609 --> 00:23:09.410 and I'll give you an  
NOTE Confidence: 0.9875835

00:23:09.410 --> 00:23:10.690 example of what happens at  
NOTE Confidence: 0.9875835

00:23:10.690 --> 00:23:11.270 the end.  
NOTE Confidence: 0.9569426

00:23:12.210 --> 00:23:13.890 So what happens if we  
NOTE Confidence: 0.9569426

00:23:13.890 --> 00:23:15.330 talk about precision medicine, but  
NOTE Confidence: 0.9569426

00:23:15.330 --> 00:23:16.530 we talk about the same  
NOTE Confidence: 0.9569426

00:23:16.530 --> 00:23:17.875 precision in the time in  
NOTE Confidence: 0.9569426

00:23:17.875 --> 00:23:19.174 the context of communities.

NOTE Confidence: 0.99520713

00:23:20.195 --> 00:23:20.695 Now

NOTE Confidence: 0.971406

00:23:21.715 --> 00:23:22.835 in the in the neighborhoods

NOTE Confidence: 0.971406

00:23:22.835 --> 00:23:24.115 in Chicago, it was great

NOTE Confidence: 0.971406

00:23:24.115 --> 00:23:25.075 because when I talked about

NOTE Confidence: 0.971406

00:23:25.075 --> 00:23:25.875 ZIP codes, because that's how

NOTE Confidence: 0.971406

00:23:25.875 --> 00:23:26.835 I started. Let's talk about

NOTE Confidence: 0.971406

00:23:26.835 --> 00:23:28.195 ZIP codes. And, one of

NOTE Confidence: 0.971406

00:23:28.195 --> 00:23:29.395 the older women actually came

NOTE Confidence: 0.971406

00:23:29.395 --> 00:23:30.275 to me and says, doc,

NOTE Confidence: 0.971406

00:23:30.275 --> 00:23:31.080 can I tell you something?

NOTE Confidence: 0.971406

00:23:31.080 --> 00:23:31.720 Because she was looking a

NOTE Confidence: 0.971406

00:23:31.720 --> 00:23:33.080 little bit uncomfortable. She said,

NOTE Confidence: 0.971406

00:23:33.080 --> 00:23:33.720 doc, can I tell you

NOTE Confidence: 0.971406

00:23:33.720 --> 00:23:34.679 something? I said, yeah. She

NOTE Confidence: 0.971406

00:23:34.679 --> 00:23:35.559 goes, the only people that

NOTE Confidence: 0.971406

00:23:35.559 --> 00:23:36.840 understand that ZIP code stuff

NOTE Confidence: 0.971406

00:23:36.840 --> 00:23:38.440 is you and and the

NOTE Confidence: 0.971406

00:23:38.440 --> 00:23:38.940 mailman.

NOTE Confidence: 0.9093562

00:23:39.320 --> 00:23:40.280 What she meant was that

NOTE Confidence: 0.9093562

00:23:40.280 --> 00:23:41.480 the academics and the mailman

NOTE Confidence: 0.9093562

00:23:41.480 --> 00:23:42.200 are the only people who

NOTE Confidence: 0.9093562

00:23:42.200 --> 00:23:42.840 use that. I was like,

NOTE Confidence: 0.9093562

00:23:42.840 --> 00:23:43.340 what?

NOTE Confidence: 0.9777172

00:23:43.825 --> 00:23:45.445 So we had this concept.

NOTE Confidence: 0.9777172

00:23:45.505 --> 00:23:46.865 What happens if I were

NOTE Confidence: 0.9777172

00:23:46.865 --> 00:23:48.785 in in addition to using

NOTE Confidence: 0.9777172

00:23:48.785 --> 00:23:50.065 ZIP codes? Because it turns

NOTE Confidence: 0.9777172

00:23:50.065 --> 00:23:51.925 out, for example, Chicago,

NOTE Confidence: 0.9777326

00:23:52.865 --> 00:23:54.785 several million people, fifty different

NOTE Confidence: 0.9777326

00:23:54.785 --> 00:23:55.285 wards.

NOTE Confidence: 0.9767361

00:23:55.585 --> 00:23:56.945 Imagine that they're shared ZIP

NOTE Confidence: 0.9767361  
00:23:56.945 --> 00:23:57.445 codes.  
NOTE Confidence: 0.9536312  
00:23:59.090 --> 00:24:01.270 I started thinking about practical,  
NOTE Confidence: 0.99974823  
00:24:01.650 --> 00:24:03.570 moving from academic excellence to  
NOTE Confidence: 0.99974823  
00:24:03.570 --> 00:24:04.550 academic relevance  
NOTE Confidence: 0.9466034  
00:24:05.890 --> 00:24:07.170 and thinking about not only  
NOTE Confidence: 0.9466034  
00:24:07.170 --> 00:24:08.610 just the papers and the  
NOTE Confidence: 0.9466034  
00:24:08.610 --> 00:24:10.050 grants, but the impact in  
NOTE Confidence: 0.9466034  
00:24:10.050 --> 00:24:10.630 the community  
NOTE Confidence: 0.9436033  
00:24:11.225 --> 00:24:12.185 that we needed a different  
NOTE Confidence: 0.9436033  
00:24:12.185 --> 00:24:13.065 model and I needed a  
NOTE Confidence: 0.9436033  
00:24:13.065 --> 00:24:13.965 different language.  
NOTE Confidence: 0.9992198  
00:24:14.665 --> 00:24:15.165 So  
NOTE Confidence: 0.99585897  
00:24:15.865 --> 00:24:16.365 Texas  
NOTE Confidence: 0.9908716  
00:24:16.665 --> 00:24:17.565 is the football  
NOTE Confidence: 0.79758036  
00:24:18.185 --> 00:24:19.885 as politics is to Chicago.  
NOTE Confidence: 0.9905262

00:24:20.744 --> 00:24:22.285 So I got an idea.  
NOTE Confidence: 0.9997711

00:24:22.825 --> 00:24:23.805 What would happen  
NOTE Confidence: 0.99577785

00:24:24.119 --> 00:24:25.400 if I took the fifty  
NOTE Confidence: 0.99577785

00:24:25.400 --> 00:24:26.680 wards and just broke everything  
NOTE Confidence: 0.99577785

00:24:26.680 --> 00:24:28.140 down in a voting district?  
NOTE Confidence: 0.9936131

00:24:29.400 --> 00:24:30.540 Now you may say,  
NOTE Confidence: 0.934573

00:24:31.640 --> 00:24:33.160 uh-huh. What why would that  
NOTE Confidence: 0.934573

00:24:33.160 --> 00:24:34.920 matter? It turned out it  
NOTE Confidence: 0.934573

00:24:34.920 --> 00:24:35.895 mattered greatly  
NOTE Confidence: 0.97103065

00:24:36.215 --> 00:24:37.415 because not only was I  
NOTE Confidence: 0.97103065

00:24:37.415 --> 00:24:38.615 able to describe the things  
NOTE Confidence: 0.97103065

00:24:38.615 --> 00:24:39.494 that they were we're gonna  
NOTE Confidence: 0.97103065

00:24:39.494 --> 00:24:40.775 take the twentieth Ward. This  
NOTE Confidence: 0.97103065

00:24:40.775 --> 00:24:41.895 is Inglewood for those who  
NOTE Confidence: 0.97103065

00:24:41.895 --> 00:24:43.575 are counting Inglewood area. This  
NOTE Confidence: 0.97103065

00:24:43.575 --> 00:24:44.375 is the area where you

NOTE Confidence: 0.97103065

00:24:44.375 --> 00:24:45.655 had that thirty percent reduction

NOTE Confidence: 0.97103065

00:24:45.655 --> 00:24:46.635 in life expectancy.

NOTE Confidence: 0.97926956

00:24:47.015 --> 00:24:48.055 So when I was able

NOTE Confidence: 0.97926956

00:24:48.055 --> 00:24:49.335 to sort of say and

NOTE Confidence: 0.97926956

00:24:49.335 --> 00:24:50.295 by the way, it allowed

NOTE Confidence: 0.97926956

00:24:50.295 --> 00:24:51.660 me and the legislators and

NOTE Confidence: 0.97926956

00:24:51.740 --> 00:24:52.940 the politicians and and the

NOTE Confidence: 0.97926956

00:24:52.940 --> 00:24:55.040 mappers to all get together

NOTE Confidence: 0.9808863

00:24:56.300 --> 00:24:57.980 every couple years and says,

NOTE Confidence: 0.9808863

00:24:57.980 --> 00:24:59.359 what are the voting maps?

NOTE Confidence: 0.95984083

00:25:00.220 --> 00:25:01.340 Because at the end of

NOTE Confidence: 0.95984083

00:25:01.340 --> 00:25:02.300 the day, people say, well,

NOTE Confidence: 0.95984083

00:25:02.300 --> 00:25:03.340 we don't know in there.

NOTE Confidence: 0.95984083

00:25:03.340 --> 00:25:04.140 And, you know, this is

NOTE Confidence: 0.95984083

00:25:04.140 --> 00:25:05.840 all this gerrymandering. But somebody's

NOTE Confidence: 0.96323425

00:25:06.265 --> 00:25:08.184 whatever squiggly line has those

NOTE Confidence: 0.96323425

00:25:08.184 --> 00:25:09.705 things and actually is responsible

NOTE Confidence: 0.96323425

00:25:09.705 --> 00:25:10.525 for that area.

NOTE Confidence: 0.9990696

00:25:10.984 --> 00:25:12.665 We've learned how to do

NOTE Confidence: 0.9990696

00:25:12.665 --> 00:25:14.265 that. As a result of

NOTE Confidence: 0.9990696

00:25:14.265 --> 00:25:15.465 that, we were able to

NOTE Confidence: 0.9990696

00:25:15.465 --> 00:25:15.965 take

NOTE Confidence: 0.7956733

00:25:16.345 --> 00:25:17.304 in the twentieth word at

NOTE Confidence: 0.7956733

00:25:17.304 --> 00:25:18.265 the time in the alderman

NOTE Confidence: 0.7956733

00:25:18.265 --> 00:25:18.585 and and,

NOTE Confidence: 0.9644143

00:25:19.369 --> 00:25:20.490 this slide was the best

NOTE Confidence: 0.9644143

00:25:20.490 --> 00:25:21.210 slide. I still keep it

NOTE Confidence: 0.9644143

00:25:21.210 --> 00:25:22.410 in there because it was

NOTE Confidence: 0.9644143

00:25:22.410 --> 00:25:24.010 an moment when all of

NOTE Confidence: 0.9644143

00:25:24.010 --> 00:25:25.210 a sudden, I just simply

NOTE Confidence: 0.9644143

00:25:25.210 --> 00:25:26.730 took the information back to

NOTE Confidence: 0.9644143  
00:25:26.730 --> 00:25:28.010 my alderman in the twentieth  
NOTE Confidence: 0.9644143  
00:25:28.010 --> 00:25:29.369 ward and said he goes,  
NOTE Confidence: 0.9644143  
00:25:29.609 --> 00:25:30.490 he goes, doc, can I  
NOTE Confidence: 0.9644143  
00:25:30.490 --> 00:25:31.210 ask you something? I said,  
NOTE Confidence: 0.9644143  
00:25:31.210 --> 00:25:32.170 yeah. He goes, what's the  
NOTE Confidence: 0.9644143  
00:25:32.170 --> 00:25:33.210 red? He goes, the red,  
NOTE Confidence: 0.9644143  
00:25:33.210 --> 00:25:34.705 good or bad? I said,  
NOTE Confidence: 0.9644143  
00:25:34.705 --> 00:25:36.005 the red is bad.  
NOTE Confidence: 0.9477042  
00:25:37.425 --> 00:25:38.565 That's a lot of bad.  
NOTE Confidence: 0.935887  
00:25:39.505 --> 00:25:40.965 Think about this. Life expectancy  
NOTE Confidence: 0.935887  
00:25:41.025 --> 00:25:42.225 thirty years. I want you  
NOTE Confidence: 0.935887  
00:25:42.225 --> 00:25:43.265 to look at the prostate  
NOTE Confidence: 0.935887  
00:25:43.265 --> 00:25:44.725 cancer one in mortalities.  
NOTE Confidence: 0.98283666  
00:25:45.105 --> 00:25:46.145 What we were able then  
NOTE Confidence: 0.98283666  
00:25:46.145 --> 00:25:47.505 to to do during the  
NOTE Confidence: 0.98283666

00:25:47.505 --> 00:25:48.670 period about whether we should  
NOTE Confidence: 0.98283666

00:25:48.670 --> 00:25:50.109 screen, not screen, we were  
NOTE Confidence: 0.98283666

00:25:50.109 --> 00:25:51.390 able to go into that  
NOTE Confidence: 0.98283666

00:25:51.390 --> 00:25:51.890 community  
NOTE Confidence: 0.9947194

00:25:52.430 --> 00:25:53.730 and be able to say  
NOTE Confidence: 0.9969185

00:25:54.270 --> 00:25:55.810 that you have three times  
NOTE Confidence: 0.8610598

00:25:56.190 --> 00:25:57.010 worse outcomes,  
NOTE Confidence: 0.9496442

00:25:57.710 --> 00:25:59.390 death from prostate cancer than  
NOTE Confidence: 0.9496442

00:25:59.390 --> 00:26:00.430 they do in United States  
NOTE Confidence: 0.9496442

00:26:00.430 --> 00:26:01.250 and the rest,  
NOTE Confidence: 0.98786753

00:26:01.950 --> 00:26:03.330 of the state of Illinois.  
NOTE Confidence: 0.96674955

00:26:04.085 --> 00:26:05.845 It changed the conversations not  
NOTE Confidence: 0.96674955

00:26:05.845 --> 00:26:07.205 only with the alderman, but  
NOTE Confidence: 0.96674955

00:26:07.205 --> 00:26:08.565 it changed the conversations with  
NOTE Confidence: 0.96674955

00:26:08.565 --> 00:26:09.525 the folks within that health  
NOTE Confidence: 0.96674955

00:26:09.525 --> 00:26:10.025 system.

NOTE Confidence: 0.95679617

00:26:11.525 --> 00:26:12.484 Had I just done ZIP

NOTE Confidence: 0.95679617

00:26:12.484 --> 00:26:13.525 codes, I'm not quite sure

NOTE Confidence: 0.95679617

00:26:13.525 --> 00:26:14.565 we'd have gotten to this

NOTE Confidence: 0.95679617

00:26:14.565 --> 00:26:16.484 because, actually, what then happened

NOTE Confidence: 0.95679617

00:26:16.484 --> 00:26:17.605 was I would eight was

NOTE Confidence: 0.95679617

00:26:17.605 --> 00:26:18.665 able to go to each

NOTE Confidence: 0.95679617

00:26:18.725 --> 00:26:19.225 legislator

NOTE Confidence: 0.9870647

00:26:20.029 --> 00:26:20.990 and say, this is a

NOTE Confidence: 0.9870647

00:26:20.990 --> 00:26:22.609 snapshot of what you have.

NOTE Confidence: 0.9997987

00:26:23.230 --> 00:26:24.369 What can we do?

NOTE Confidence: 0.97371495

00:26:25.309 --> 00:26:27.070 It was probably the the

NOTE Confidence: 0.97371495

00:26:27.070 --> 00:26:28.990 most wonderful thing ever. And

NOTE Confidence: 0.97371495

00:26:28.990 --> 00:26:30.429 in fact, I initially thought

NOTE Confidence: 0.97371495

00:26:30.429 --> 00:26:31.470 that people were gonna be

NOTE Confidence: 0.97371495

00:26:31.470 --> 00:26:33.309 so pissed because they wanted

NOTE Confidence: 0.97371495

00:26:33.309 --> 00:26:33.970 good numbers,  
NOTE Confidence: 0.9778002

00:26:34.934 --> 00:26:36.455 But no one said, well,  
NOTE Confidence: 0.9778002

00:26:36.455 --> 00:26:37.654 can you make that red  
NOTE Confidence: 0.9778002

00:26:37.654 --> 00:26:38.154 black?  
NOTE Confidence: 0.94936055

00:26:39.335 --> 00:26:41.115 It's Chicago y'all. Come on.  
NOTE Confidence: 0.9968729

00:26:41.654 --> 00:26:42.394 Didn't happen.  
NOTE Confidence: 0.9831997

00:26:44.455 --> 00:26:45.494 You know, I kept saying  
NOTE Confidence: 0.9831997

00:26:45.494 --> 00:26:46.534 to people, if you want  
NOTE Confidence: 0.9831997

00:26:46.534 --> 00:26:47.815 people to care, you have  
NOTE Confidence: 0.9831997

00:26:47.815 --> 00:26:48.554 to connect.  
NOTE Confidence: 0.92719156

00:26:49.309 --> 00:26:50.670 And sometimes we give a  
NOTE Confidence: 0.92719156

00:26:50.670 --> 00:26:51.809 lot of data,  
NOTE Confidence: 0.9935369

00:26:52.750 --> 00:26:53.809 and facts  
NOTE Confidence: 0.9965247

00:26:54.109 --> 00:26:55.470 will tell, but it's the  
NOTE Confidence: 0.9965247

00:26:55.470 --> 00:26:57.170 stories that sell and connect.  
NOTE Confidence: 0.99859583

00:26:58.190 --> 00:26:59.710 And as communicators, we have

NOTE Confidence: 0.99859583

00:26:59.710 --> 00:27:01.410 to get much more sophisticated

NOTE Confidence: 0.9839192

00:27:02.284 --> 00:27:03.565 as we are facing doctor

NOTE Confidence: 0.9839192

00:27:03.565 --> 00:27:05.005 TikTok, doctor Google, and many

NOTE Confidence: 0.9839192

00:27:05.005 --> 00:27:06.445 other things that they are

NOTE Confidence: 0.9839192

00:27:06.445 --> 00:27:07.804 doing something better than we're

NOTE Confidence: 0.9839192

00:27:07.804 --> 00:27:08.924 doing in science. They're learning

NOTE Confidence: 0.9839192

00:27:08.924 --> 00:27:10.385 how to connect with people.

NOTE Confidence: 0.9896308

00:27:12.044 --> 00:27:13.244 I've oftentimes said that if

NOTE Confidence: 0.9896308

00:27:13.244 --> 00:27:13.965 you had a person with

NOTE Confidence: 0.9896308

00:27:13.965 --> 00:27:15.164 lung cancer and you show

NOTE Confidence: 0.9896308

00:27:15.164 --> 00:27:15.664 them

NOTE Confidence: 0.9072833

00:27:15.970 --> 00:27:17.250 their CAT scan as they

NOTE Confidence: 0.9072833

00:27:17.250 --> 00:27:18.130 used to and you said

NOTE Confidence: 0.9072833

00:27:18.130 --> 00:27:19.330 this spot is yours, all

NOTE Confidence: 0.9072833

00:27:19.330 --> 00:27:20.370 of a sudden, there's a

NOTE Confidence: 0.9072833

00:27:20.370 --> 00:27:20.870 connectiveness.  
NOTE Confidence: 0.9928162

00:27:22.290 --> 00:27:23.490 This is the same sort  
NOTE Confidence: 0.9928162

00:27:23.490 --> 00:27:25.270 of model in a communication  
NOTE Confidence: 0.9928162

00:27:25.410 --> 00:27:26.450 sort of style of just  
NOTE Confidence: 0.9928162

00:27:26.450 --> 00:27:28.130 working with our legislators, our  
NOTE Confidence: 0.9928162

00:27:28.130 --> 00:27:30.530 hospitals, our community groups, and  
NOTE Confidence: 0.9928162

00:27:30.530 --> 00:27:32.085 showing them data that they  
NOTE Confidence: 0.9928162

00:27:32.085 --> 00:27:33.065 can connect to.  
NOTE Confidence: 0.98214257

00:27:34.005 --> 00:27:35.225 As a result of that,  
NOTE Confidence: 0.94435066

00:27:35.845 --> 00:27:37.765 we've actually grown now, and  
NOTE Confidence: 0.94435066

00:27:37.765 --> 00:27:38.965 we are even much more  
NOTE Confidence: 0.94435066

00:27:38.965 --> 00:27:40.565 sophisticated. We provide much data.  
NOTE Confidence: 0.94435066

00:27:40.565 --> 00:27:41.365 This is done by our  
NOTE Confidence: 0.94435066

00:27:41.365 --> 00:27:43.705 CADA catchment area data, analysis  
NOTE Confidence: 0.94435066

00:27:43.765 --> 00:27:45.340 group, that's run by doctor  
NOTE Confidence: 0.94435066

00:27:45.340 --> 00:27:46.880 Toces and several other people.

NOTE Confidence: 0.9626881

00:27:47.500 --> 00:27:49.119 It's gotten much more sophisticated

NOTE Confidence: 0.9626881

00:27:49.340 --> 00:27:50.220 about what we can tell

NOTE Confidence: 0.9626881

00:27:50.220 --> 00:27:52.140 you about not only your

NOTE Confidence: 0.9626881

00:27:52.140 --> 00:27:54.559 district, but your state senator,

NOTE Confidence: 0.9890235

00:27:55.260 --> 00:27:56.940 your federal senator, and your

NOTE Confidence: 0.9890235

00:27:56.940 --> 00:27:57.440 congressperson.

NOTE Confidence: 0.98928154

00:27:58.165 --> 00:27:59.605 We can make maps now

NOTE Confidence: 0.98928154

00:27:59.605 --> 00:28:01.705 almost for everybody based on

NOTE Confidence: 0.9995299

00:28:02.085 --> 00:28:02.984 political districts.

NOTE Confidence: 0.9959577

00:28:05.285 --> 00:28:06.505 It's been fun,

NOTE Confidence: 0.99221075

00:28:08.085 --> 00:28:09.465 and a little bit frustrating.

NOTE Confidence: 0.9928247

00:28:10.165 --> 00:28:11.945 So let's just get to

NOTE Confidence: 0.9605631

00:28:12.809 --> 00:28:13.929 this. We've set up the

NOTE Confidence: 0.9605631

00:28:13.929 --> 00:28:15.769 stage for why community matters.

NOTE Confidence: 0.9605631

00:28:15.769 --> 00:28:16.570 I told you all the

NOTE Confidence: 0.9605631

00:28:16.570 --> 00:28:17.929 stuff about the missing omics  
NOTE Confidence: 0.9605631

00:28:17.929 --> 00:28:19.369 in the community and doesn't  
NOTE Confidence: 0.9605631

00:28:19.369 --> 00:28:20.889 matter, because really I could  
NOTE Confidence: 0.9605631

00:28:20.889 --> 00:28:22.009 just do my science, but  
NOTE Confidence: 0.9605631

00:28:22.009 --> 00:28:23.049 I can't do the science  
NOTE Confidence: 0.9605631

00:28:23.049 --> 00:28:23.950 without the community.  
NOTE Confidence: 0.9000446

00:28:24.570 --> 00:28:25.769 But I recognize that doing  
NOTE Confidence: 0.9000446

00:28:25.769 --> 00:28:26.990 the science without the community  
NOTE Confidence: 0.9000446

00:28:27.049 --> 00:28:27.710 is good,  
NOTE Confidence: 0.9994602

00:28:28.675 --> 00:28:30.435 but it's better when it's  
NOTE Confidence: 0.9994602

00:28:30.435 --> 00:28:32.215 connected to the community.  
NOTE Confidence: 0.94467676

00:28:33.155 --> 00:28:34.195 And so there's people to  
NOTE Confidence: 0.94467676

00:28:34.195 --> 00:28:35.555 pipette, otherwise known as a  
NOTE Confidence: 0.94467676

00:28:35.555 --> 00:28:37.075 community bench model. I'm gonna  
NOTE Confidence: 0.94467676

00:28:37.075 --> 00:28:38.535 give you a concrete example  
NOTE Confidence: 0.94467676

00:28:38.675 --> 00:28:40.595 of how the thinking around

NOTE Confidence: 0.94467676

00:28:40.595 --> 00:28:42.179 this allowed me to actually

NOTE Confidence: 0.94467676

00:28:42.179 --> 00:28:43.460 get a discovery and an

NOTE Confidence: 0.94467676

00:28:43.460 --> 00:28:44.760 moment that I hope that,

NOTE Confidence: 0.9163516

00:28:45.220 --> 00:28:46.660 from this day forward, we'll

NOTE Confidence: 0.9163516

00:28:46.660 --> 00:28:47.160 actually,

NOTE Confidence: 0.93223375

00:28:47.700 --> 00:28:48.900 now my new residence will

NOTE Confidence: 0.93223375

00:28:48.900 --> 00:28:49.780 be Fox and Yale, that

NOTE Confidence: 0.93223375

00:28:49.780 --> 00:28:50.580 I think we have some

NOTE Confidence: 0.93223375

00:28:50.580 --> 00:28:52.179 opportunities of working together with

NOTE Confidence: 0.93223375

00:28:52.179 --> 00:28:54.020 your basic science and with

NOTE Confidence: 0.93223375

00:28:54.020 --> 00:28:55.380 some of these ideas. I

NOTE Confidence: 0.93223375

00:28:55.380 --> 00:28:56.120 think we're

NOTE Confidence: 0.9663752

00:28:56.455 --> 00:28:58.395 almost onto something different.

NOTE Confidence: 0.98641217

00:28:59.495 --> 00:29:01.015 So here's an idea, and

NOTE Confidence: 0.98641217

00:29:01.015 --> 00:29:02.315 I can't do this without,

NOTE Confidence: 0.96919733

00:29:02.775 --> 00:29:04.215 my colleagues, doctor Kim and  
NOTE Confidence: 0.96919733

00:29:04.215 --> 00:29:04.715 doctor,  
NOTE Confidence: 0.95809114

00:29:05.175 --> 00:29:05.675 Erdogan,  
NOTE Confidence: 0.97114646

00:29:06.295 --> 00:29:07.735 from both from University of  
NOTE Confidence: 0.97114646

00:29:07.735 --> 00:29:09.510 Illinois system. So I wanna  
NOTE Confidence: 0.97114646

00:29:09.510 --> 00:29:11.270 start this. So let's think  
NOTE Confidence: 0.97114646

00:29:11.270 --> 00:29:12.250 about this idea.  
NOTE Confidence: 0.98389834

00:29:13.670 --> 00:29:14.970 Let's say we  
NOTE Confidence: 0.95729285

00:29:15.830 --> 00:29:17.210 are going to look at  
NOTE Confidence: 0.95729285

00:29:17.270 --> 00:29:18.790 the concept of stress and  
NOTE Confidence: 0.95729285

00:29:18.790 --> 00:29:19.830 what it does in certain  
NOTE Confidence: 0.95729285

00:29:19.830 --> 00:29:21.530 neighborhoods. But this time around,  
NOTE Confidence: 0.95729285

00:29:21.795 --> 00:29:23.235 I'm not going to look  
NOTE Confidence: 0.95729285

00:29:23.235 --> 00:29:24.355 at the traditional things in  
NOTE Confidence: 0.95729285

00:29:24.355 --> 00:29:25.875 which you study, black versus  
NOTE Confidence: 0.95729285

00:29:25.875 --> 00:29:26.375 white.

NOTE Confidence: 0.9876159

00:29:27.395 --> 00:29:28.615 There are fifty wards

NOTE Confidence: 0.99955636

00:29:29.235 --> 00:29:29.735 within

NOTE Confidence: 0.8943553

00:29:30.195 --> 00:29:30.695 Chicago,

NOTE Confidence: 0.99975306

00:29:31.155 --> 00:29:32.215 and the idea

NOTE Confidence: 0.99711484

00:29:32.755 --> 00:29:33.955 was to say, why don't

NOTE Confidence: 0.99711484

00:29:33.955 --> 00:29:34.835 we look at just the

NOTE Confidence: 0.99711484

00:29:34.835 --> 00:29:36.695 African Americans with lung cancer,

NOTE Confidence: 0.91993946

00:29:37.140 --> 00:29:38.820 particularly males within those fifty

NOTE Confidence: 0.91993946

00:29:38.820 --> 00:29:41.400 wards? Period. Just compare. Place,

NOTE Confidence: 0.91993946

00:29:41.460 --> 00:29:43.000 space, what's the impact?

NOTE Confidence: 0.97798705

00:29:44.100 --> 00:29:46.180 And so we use something

NOTE Confidence: 0.97798705

00:29:46.180 --> 00:29:47.300 that you're gonna see in

NOTE Confidence: 0.97798705

00:29:47.300 --> 00:29:48.580 this that, I know I'm

NOTE Confidence: 0.97798705

00:29:48.580 --> 00:29:49.860 gonna get some some some

NOTE Confidence: 0.97798705

00:29:49.860 --> 00:29:51.060 eyes rolling and some side

NOTE Confidence: 0.97798705

00:29:51.060 --> 00:29:51.940 eyes, but hold on with  
NOTE Confidence: 0.97798705

00:29:51.940 --> 00:29:52.335 me.  
NOTE Confidence: 0.9792832

00:29:52.975 --> 00:29:54.015 It turns out that the  
NOTE Confidence: 0.9792832

00:29:54.015 --> 00:29:55.054 best data was not in  
NOTE Confidence: 0.9792832

00:29:55.054 --> 00:29:56.495 the the the my school  
NOTE Confidence: 0.9792832

00:29:56.495 --> 00:29:58.174 of public health. The best  
NOTE Confidence: 0.9792832

00:29:58.174 --> 00:29:59.375 data was not in my  
NOTE Confidence: 0.9792832

00:29:59.375 --> 00:30:00.674 public health programs.  
NOTE Confidence: 0.9809825

00:30:00.975 --> 00:30:02.495 The best data please don't  
NOTE Confidence: 0.9809825

00:30:02.495 --> 00:30:03.774 don't start throwing things at  
NOTE Confidence: 0.9809825

00:30:03.774 --> 00:30:05.215 me. Turns out that the  
NOTE Confidence: 0.9809825

00:30:05.215 --> 00:30:06.495 people that were collecting the  
NOTE Confidence: 0.9809825

00:30:06.495 --> 00:30:07.794 best data on communities,  
NOTE Confidence: 0.98489803

00:30:08.230 --> 00:30:09.830 I'm I'm sorry to say,  
NOTE Confidence: 0.98489803

00:30:09.830 --> 00:30:10.730 but it's true.  
NOTE Confidence: 0.97883594

00:30:12.070 --> 00:30:13.110 My brother would call them

NOTE Confidence: 0.97883594

00:30:13.110 --> 00:30:13.830 the five o. I could

NOTE Confidence: 0.97883594

00:30:13.830 --> 00:30:14.710 joke with that because he's

NOTE Confidence: 0.97883594

00:30:14.710 --> 00:30:15.370 a police.

NOTE Confidence: 0.9488533

00:30:16.389 --> 00:30:17.110 So I went to the

NOTE Confidence: 0.9488533

00:30:17.110 --> 00:30:18.409 Chicago Police Department.

NOTE Confidence: 0.9994349

00:30:20.470 --> 00:30:21.210 The database

NOTE Confidence: 0.99960333

00:30:23.795 --> 00:30:25.095 that they had collected

NOTE Confidence: 0.99102277

00:30:26.755 --> 00:30:27.875 over a period of fifty

NOTE Confidence: 0.99102277

00:30:27.875 --> 00:30:29.415 years was incredible.

NOTE Confidence: 0.9983916

00:30:31.315 --> 00:30:31.815 Incredible.

NOTE Confidence: 0.9345498

00:30:33.715 --> 00:30:34.835 You wanna talk about people

NOTE Confidence: 0.9345498

00:30:34.835 --> 00:30:36.600 who know the neighborhoods because

NOTE Confidence: 0.9345498

00:30:36.600 --> 00:30:38.040 they're having to watch neighborhoods

NOTE Confidence: 0.9345498

00:30:38.040 --> 00:30:39.160 almost all the time. And

NOTE Confidence: 0.9345498

00:30:39.160 --> 00:30:40.200 so you would say, why

NOTE Confidence: 0.9345498

00:30:40.200 --> 00:30:41.000 would you work with the  
NOTE Confidence: 0.9345498

00:30:41.000 --> 00:30:42.680 c you know, Chicago PD?  
NOTE Confidence: 0.9345498

00:30:42.680 --> 00:30:43.500 It's the PD.  
NOTE Confidence: 0.9882243

00:30:43.880 --> 00:30:45.240 It turns out because they  
NOTE Confidence: 0.9882243

00:30:45.240 --> 00:30:47.500 were also interested in interventions  
NOTE Confidence: 0.9949574

00:30:48.120 --> 00:30:49.400 and keeping people well and  
NOTE Confidence: 0.9949574

00:30:49.400 --> 00:30:49.900 healthy.  
NOTE Confidence: 0.99943656

00:30:51.175 --> 00:30:51.995 So we made  
NOTE Confidence: 0.87795067

00:30:52.695 --> 00:30:54.935 this partnership with this Chicago  
NOTE Confidence: 0.87795067

00:30:54.935 --> 00:30:56.315 Police Department databases  
NOTE Confidence: 0.95261246

00:30:57.175 --> 00:30:58.375 and a couple of my  
NOTE Confidence: 0.95261246

00:30:58.375 --> 00:30:58.875 researchers,  
NOTE Confidence: 0.9865099

00:30:59.895 --> 00:31:00.795 doctor Kim,  
NOTE Confidence: 0.88019955

00:31:01.655 --> 00:31:03.335 and and doctor Erdogan to  
NOTE Confidence: 0.88019955

00:31:03.335 --> 00:31:04.695 say, let's use that database  
NOTE Confidence: 0.88019955

00:31:04.695 --> 00:31:05.915 and what could we tell.

NOTE Confidence: 0.95883065

00:31:06.360 --> 00:31:07.880 Well, here's the first thing,

NOTE Confidence: 0.95883065

00:31:07.880 --> 00:31:09.080 which was probably not that

NOTE Confidence: 0.95883065

00:31:09.080 --> 00:31:09.960 big of a surprise. This

NOTE Confidence: 0.95883065

00:31:09.960 --> 00:31:11.080 is a dumb moment. This

NOTE Confidence: 0.95883065

00:31:11.080 --> 00:31:12.220 is just looking at

NOTE Confidence: 0.95534563

00:31:12.600 --> 00:31:14.760 in places that actually have

NOTE Confidence: 0.95534563

00:31:14.760 --> 00:31:15.880 more we're gonna call it

NOTE Confidence: 0.95534563

00:31:15.880 --> 00:31:17.240 neighborhood it's called the neighborhood

NOTE Confidence: 0.95534563

00:31:17.240 --> 00:31:18.760 violence index. That's how the

NOTE Confidence: 0.95534563

00:31:18.760 --> 00:31:20.265 people in CDP use it.

NOTE Confidence: 0.95534563

00:31:20.585 --> 00:31:22.345 Chicago Police Department, neighborhood violence

NOTE Confidence: 0.95534563

00:31:22.345 --> 00:31:23.865 index. So you have high

NOTE Confidence: 0.95534563

00:31:23.865 --> 00:31:25.725 scores in neighborhood violence index,

NOTE Confidence: 0.95534563

00:31:25.865 --> 00:31:26.825 low scores. Now I know

NOTE Confidence: 0.95534563

00:31:26.825 --> 00:31:28.345 there's the ADI. There's a

NOTE Confidence: 0.95534563

00:31:28.345 --> 00:31:29.385 whole other sort of but

NOTE Confidence: 0.95534563

00:31:29.385 --> 00:31:30.425 we just said, look. We're

NOTE Confidence: 0.95534563

00:31:30.425 --> 00:31:31.465 just gonna use this one

NOTE Confidence: 0.95534563

00:31:31.465 --> 00:31:32.665 score. They use it. Can

NOTE Confidence: 0.95534563

00:31:32.665 --> 00:31:34.185 we can is it any

NOTE Confidence: 0.95534563

00:31:34.185 --> 00:31:35.550 valuable? It may not be.

NOTE Confidence: 0.95534563

00:31:35.630 --> 00:31:37.070 But it turns out the

NOTE Confidence: 0.95534563

00:31:37.070 --> 00:31:38.190 the dumb moment was it

NOTE Confidence: 0.95534563

00:31:38.190 --> 00:31:39.870 turns out that African American

NOTE Confidence: 0.95534563

00:31:39.870 --> 00:31:40.370 men

NOTE Confidence: 0.98502314

00:31:40.910 --> 00:31:43.410 from really relatively well-to-do areas

NOTE Confidence: 0.98078114

00:31:44.190 --> 00:31:46.370 actually had less likely,

NOTE Confidence: 0.971562

00:31:47.470 --> 00:31:48.910 or better outcomes in the

NOTE Confidence: 0.971562

00:31:48.910 --> 00:31:50.450 context of their lung cancers.

NOTE Confidence: 0.9924286

00:31:51.765 --> 00:31:53.045 Less probability that they would

NOTE Confidence: 0.9924286

00:31:53.045 --> 00:31:54.265 have it, but better outcomes.  
NOTE Confidence: 0.96354765

00:31:54.805 --> 00:31:56.565 African American men from really  
NOTE Confidence: 0.96354765

00:31:56.565 --> 00:31:57.845 rough areas like the Inglewood,  
NOTE Confidence: 0.96354765

00:31:57.845 --> 00:31:58.645 we're gonna go back to  
NOTE Confidence: 0.96354765

00:31:58.645 --> 00:32:00.265 the twentieth ward, had,  
NOTE Confidence: 0.8264079

00:32:01.045 --> 00:32:01.785 poor outcomes.  
NOTE Confidence: 0.9951592

00:32:02.565 --> 00:32:03.925 So we did something crazy  
NOTE Confidence: 0.9951592

00:32:03.925 --> 00:32:04.725 cool. This is why you  
NOTE Confidence: 0.9951592

00:32:04.725 --> 00:32:05.545 need the community.  
NOTE Confidence: 0.99115354

00:32:06.019 --> 00:32:08.279 We got all all fifty  
NOTE Confidence: 0.9221557

00:32:09.940 --> 00:32:12.019 all fifty wards. We had  
NOTE Confidence: 0.9221557

00:32:12.019 --> 00:32:13.240 neighborhood barbershops  
NOTE Confidence: 0.9080681

00:32:14.259 --> 00:32:15.539 where these African men were  
NOTE Confidence: 0.9080681

00:32:15.539 --> 00:32:16.820 able to go, and then  
NOTE Confidence: 0.9080681

00:32:16.820 --> 00:32:18.434 we expanded beauty beauty cost.  
NOTE Confidence: 0.9080681

00:32:18.434 --> 00:32:19.715 But we did barbershops work

NOTE Confidence: 0.9080681

00:32:19.715 --> 00:32:20.515 because it we thought it

NOTE Confidence: 0.9080681

00:32:20.515 --> 00:32:21.335 was the easiest.

NOTE Confidence: 0.94207704

00:32:21.635 --> 00:32:23.554 All fifty. The African American

NOTE Confidence: 0.94207704

00:32:23.554 --> 00:32:25.154 barbershops within all fifty. You

NOTE Confidence: 0.94207704

00:32:25.154 --> 00:32:25.955 know what we were able

NOTE Confidence: 0.94207704

00:32:25.955 --> 00:32:27.075 to do? We're able to

NOTE Confidence: 0.94207704

00:32:27.075 --> 00:32:28.135 collect hair samples,

NOTE Confidence: 0.9028571

00:32:28.995 --> 00:32:29.955 pull them together, and we

NOTE Confidence: 0.9028571

00:32:29.955 --> 00:32:31.394 know what it did. We

NOTE Confidence: 0.9028571

00:32:31.394 --> 00:32:32.375 looked at the cortisol.

NOTE Confidence: 0.9970016

00:32:33.360 --> 00:32:34.340 I know. Right?

NOTE Confidence: 0.9872203

00:32:35.760 --> 00:32:36.980 It was a dumb moment.

NOTE Confidence: 0.9460819

00:32:38.000 --> 00:32:39.440 African Americans that came for

NOTE Confidence: 0.9460819

00:32:39.440 --> 00:32:41.360 wealthier places that actually less

NOTE Confidence: 0.9460819

00:32:41.360 --> 00:32:42.640 violent, the neighborhood put it

NOTE Confidence: 0.9460819

00:32:42.640 --> 00:32:43.840 this way. The neighborhood violence  
NOTE Confidence: 0.9460819

00:32:43.840 --> 00:32:45.840 score neighborhood violence index was  
NOTE Confidence: 0.9460819

00:32:45.840 --> 00:32:46.340 lower.  
NOTE Confidence: 0.8298191

00:32:47.280 --> 00:32:48.500 Actually, it had lower cortisol.  
NOTE Confidence: 0.9788706

00:32:49.095 --> 00:32:49.995 You might say,  
NOTE Confidence: 0.96585673

00:32:50.934 --> 00:32:51.815 I would have known that  
NOTE Confidence: 0.96585673

00:32:51.815 --> 00:32:53.335 without this data. My I  
NOTE Confidence: 0.96585673

00:32:53.335 --> 00:32:54.534 love my grandmother who's ninety  
NOTE Confidence: 0.96585673

00:32:54.534 --> 00:32:55.095 nine, by the way. I  
NOTE Confidence: 0.96585673

00:32:55.095 --> 00:32:56.235 gotta tell you this story.  
NOTE Confidence: 0.96585673

00:32:56.294 --> 00:32:57.095 I I gave her my  
NOTE Confidence: 0.96585673

00:32:57.095 --> 00:32:58.855 first paper on disparities and  
NOTE Confidence: 0.96585673

00:32:58.855 --> 00:32:59.975 some other things like that,  
NOTE Confidence: 0.96585673

00:32:59.975 --> 00:33:01.414 and, she's now ninety nine.  
NOTE Confidence: 0.96585673

00:33:01.414 --> 00:33:02.475 She's about ninety  
NOTE Confidence: 0.9755473

00:33:02.855 --> 00:33:04.135 she's ninety four at the

NOTE Confidence: 0.9755473

00:33:04.135 --> 00:33:05.810 time. Ninety no. Ninety two

NOTE Confidence: 0.9755473

00:33:05.810 --> 00:33:06.690 at the time. And I

NOTE Confidence: 0.9755473

00:33:06.690 --> 00:33:07.450 gave her this paper that

NOTE Confidence: 0.9755473

00:33:07.450 --> 00:33:08.610 I was really happy about,

NOTE Confidence: 0.9755473

00:33:08.610 --> 00:33:09.650 and she said, come with

NOTE Confidence: 0.9755473

00:33:09.650 --> 00:33:11.410 me. She she got up,

NOTE Confidence: 0.9755473

00:33:11.410 --> 00:33:12.210 and she went out the

NOTE Confidence: 0.9755473

00:33:12.210 --> 00:33:13.090 window. She go, well, this

NOTE Confidence: 0.9755473

00:33:13.090 --> 00:33:14.130 paper's good, but I coulda

NOTE Confidence: 0.9755473

00:33:14.130 --> 00:33:15.010 told you that by looking

NOTE Confidence: 0.9755473

00:33:15.010 --> 00:33:15.510 outside.

NOTE Confidence: 0.9708662

00:33:17.445 --> 00:33:18.565 It was my best moment.

NOTE Confidence: 0.9708662

00:33:18.565 --> 00:33:19.544 I was like, okay.

NOTE Confidence: 0.99567413

00:33:20.565 --> 00:33:21.465 I got it.

NOTE Confidence: 0.9983904

00:33:23.205 --> 00:33:24.164 But here's what I want

NOTE Confidence: 0.9983904

00:33:24.164 --> 00:33:25.385 you to pay attention to.  
NOTE Confidence: 0.9512764

00:33:27.044 --> 00:33:29.284 We then actually started thinking  
NOTE Confidence: 0.9512764

00:33:29.284 --> 00:33:30.725 about, let's go deeper. So  
NOTE Confidence: 0.9512764

00:33:30.725 --> 00:33:31.605 if we have a neighborhood  
NOTE Confidence: 0.9512764

00:33:31.605 --> 00:33:33.550 violence index, let's start looking  
NOTE Confidence: 0.9512764

00:33:33.550 --> 00:33:34.990 beyond just the cortisol. What  
NOTE Confidence: 0.9512764

00:33:34.990 --> 00:33:35.810 could we do?  
NOTE Confidence: 0.99820495

00:33:36.510 --> 00:33:37.650 So we had people,  
NOTE Confidence: 0.9783574

00:33:38.270 --> 00:33:39.810 who were in the high  
NOTE Confidence: 0.9783574

00:33:39.870 --> 00:33:41.470 neighborhood violence index score or  
NOTE Confidence: 0.9783574

00:33:41.470 --> 00:33:43.470 the low neighborhood violence index  
NOTE Confidence: 0.9783574

00:33:43.470 --> 00:33:43.970 score.  
NOTE Confidence: 0.93245333

00:33:45.305 --> 00:33:46.825 The violence, by the way,  
NOTE Confidence: 0.93245333

00:33:46.825 --> 00:33:48.345 is counted by homicides, and  
NOTE Confidence: 0.93245333

00:33:48.345 --> 00:33:49.145 there are a couple other  
NOTE Confidence: 0.93245333

00:33:49.145 --> 00:33:50.025 factors in it. We made

NOTE Confidence: 0.93245333

00:33:50.025 --> 00:33:50.665 it try to make it

NOTE Confidence: 0.93245333

00:33:50.665 --> 00:33:51.885 as simple as we could.

NOTE Confidence: 0.99380785

00:33:52.665 --> 00:33:53.465 I just want you to

NOTE Confidence: 0.99380785

00:33:53.465 --> 00:33:54.585 pay attention for this slide

NOTE Confidence: 0.99380785

00:33:54.585 --> 00:33:55.945 for just a second. Just

NOTE Confidence: 0.99380785

00:33:55.945 --> 00:33:56.525 a second.

NOTE Confidence: 0.9654142

00:34:00.270 --> 00:34:01.630 The red bar up top

NOTE Confidence: 0.9654142

00:34:01.630 --> 00:34:02.750 or the bar up top

NOTE Confidence: 0.9654142

00:34:02.750 --> 00:34:04.190 says, if it's to the

NOTE Confidence: 0.9654142

00:34:04.190 --> 00:34:04.690 right,

NOTE Confidence: 0.95623916

00:34:05.390 --> 00:34:07.010 there is a lower

NOTE Confidence: 0.98995864

00:34:07.870 --> 00:34:09.890 neighborhood violence score, the green.

NOTE Confidence: 0.96900016

00:34:10.270 --> 00:34:11.969 If it's to the your

NOTE Confidence: 0.96900016

00:34:12.190 --> 00:34:12.690 left,

NOTE Confidence: 0.9832846

00:34:12.989 --> 00:34:14.190 that's the red. That's a

NOTE Confidence: 0.9832846

00:34:14.190 --> 00:34:16.005 higher neighborhood violence index score.

NOTE Confidence: 0.9989457

00:34:17.045 --> 00:34:18.105 Check this out.

NOTE Confidence: 0.9734754

00:34:18.884 --> 00:34:19.844 What you see is that

NOTE Confidence: 0.9734754

00:34:19.844 --> 00:34:21.285 it's not just cortisol high

NOTE Confidence: 0.9734754

00:34:21.285 --> 00:34:22.984 or low. There's difference in

NOTE Confidence: 0.89879304

00:34:23.285 --> 00:34:23.785 signaling.

NOTE Confidence: 0.9760255

00:34:26.005 --> 00:34:27.704 Cell repair, DNA repair,

NOTE Confidence: 0.96604156

00:34:28.164 --> 00:34:30.105 cell cycle, many other things.

NOTE Confidence: 0.99703586

00:34:30.900 --> 00:34:32.660 It's the first moment. In

NOTE Confidence: 0.99703586

00:34:32.660 --> 00:34:33.859 fact, I didn't think we

NOTE Confidence: 0.99703586

00:34:33.859 --> 00:34:35.079 were gonna get anything

NOTE Confidence: 0.89292455

00:34:35.460 --> 00:34:36.660 from this data, but I

NOTE Confidence: 0.89292455

00:34:36.660 --> 00:34:37.859 did it anyways because it

NOTE Confidence: 0.89292455

00:34:37.859 --> 00:34:39.059 sounded like it was fun

NOTE Confidence: 0.89292455

00:34:39.059 --> 00:34:40.099 and was it was a

NOTE Confidence: 0.89292455

00:34:40.099 --> 00:34:40.599 pretty

NOTE Confidence: 0.9002122  
00:34:40.980 --> 00:34:42.119 designed well, relatively  
NOTE Confidence: 0.9823693  
00:34:42.420 --> 00:34:44.065 well designed program. It was  
NOTE Confidence: 0.9823693  
00:34:44.065 --> 00:34:44.785 a shot. I didn't think  
NOTE Confidence: 0.9823693  
00:34:44.785 --> 00:34:45.505 I was gonna see any  
NOTE Confidence: 0.9823693  
00:34:45.505 --> 00:34:46.864 difference, but we saw clear  
NOTE Confidence: 0.9823693  
00:34:46.864 --> 00:34:47.364 differences.  
NOTE Confidence: 0.9782524  
00:34:49.745 --> 00:34:50.245 Second,  
NOTE Confidence: 0.9994299  
00:34:51.985 --> 00:34:53.605 we were able to show  
NOTE Confidence: 0.9702314  
00:34:54.465 --> 00:34:55.745 interesting things with the neighborhood  
NOTE Confidence: 0.9702314  
00:34:55.745 --> 00:34:57.185 violence index scores that there  
NOTE Confidence: 0.9702314  
00:34:57.185 --> 00:34:58.245 were also other,  
NOTE Confidence: 0.94761413  
00:34:58.980 --> 00:35:00.260 altered gene expressions like the  
NOTE Confidence: 0.94761413  
00:35:00.260 --> 00:35:00.760 glucocorticoid  
NOTE Confidence: 0.93160754  
00:35:01.060 --> 00:35:01.940 signaling and all the rest  
NOTE Confidence: 0.93160754  
00:35:01.940 --> 00:35:02.660 of that stuff that were  
NOTE Confidence: 0.93160754

00:35:02.660 --> 00:35:03.640 off, metabolisms.  
NOTE Confidence: 0.9842666

00:35:03.940 --> 00:35:04.700 I mean, all the rest  
NOTE Confidence: 0.9842666

00:35:04.700 --> 00:35:05.860 of these other things were  
NOTE Confidence: 0.9842666

00:35:05.860 --> 00:35:07.960 really off between, again, comparing  
NOTE Confidence: 0.9028112

00:35:08.260 --> 00:35:09.080 African Americans  
NOTE Confidence: 0.7204667

00:35:09.700 --> 00:35:10.200 matched.  
NOTE Confidence: 0.98361796

00:35:10.875 --> 00:35:12.475 We had tumor tissue, and  
NOTE Confidence: 0.98361796

00:35:12.475 --> 00:35:13.355 we actually had,  
NOTE Confidence: 0.8800583

00:35:14.315 --> 00:35:15.114 spewed them and some other  
NOTE Confidence: 0.8800583

00:35:15.114 --> 00:35:15.995 things that we did, and  
NOTE Confidence: 0.8800583

00:35:15.995 --> 00:35:16.875 we we compared them. But  
NOTE Confidence: 0.8800583

00:35:16.875 --> 00:35:17.675 but look, this is the  
NOTE Confidence: 0.8800583

00:35:17.675 --> 00:35:18.415 tumor tissue  
NOTE Confidence: 0.89397496

00:35:19.835 --> 00:35:21.695 matched, just different areas.  
NOTE Confidence: 0.9991171

00:35:25.435 --> 00:35:26.415 It turns out  
NOTE Confidence: 0.9821884

00:35:27.810 --> 00:35:29.330 that if you're coming from

NOTE Confidence: 0.9821884

00:35:29.330 --> 00:35:30.690 a high neighborhood violence score

NOTE Confidence: 0.9821884

00:35:30.690 --> 00:35:32.150 and you're African American versus

NOTE Confidence: 0.9821884

00:35:32.210 --> 00:35:34.070 a low neighborhood violence index,

NOTE Confidence: 0.9373935

00:35:35.250 --> 00:35:37.510 the singlings were really impressive

NOTE Confidence: 0.9974869

00:35:37.810 --> 00:35:38.630 about the differences.

NOTE Confidence: 0.99708337

00:35:41.125 --> 00:35:42.005 I wanna get to the

NOTE Confidence: 0.99708337

00:35:42.005 --> 00:35:42.505 point

NOTE Confidence: 0.9941149

00:35:42.885 --> 00:35:43.625 really quick

NOTE Confidence: 0.9226796

00:35:44.244 --> 00:35:45.684 because I think it's important.

NOTE Confidence: 0.9226796

00:35:45.684 --> 00:35:47.125 This is just a long

NOTE Confidence: 0.9226796

00:35:47.125 --> 00:35:48.025 tumor TMA.

NOTE Confidence: 0.93970966

00:35:49.285 --> 00:35:51.285 And, again, the top is,

NOTE Confidence: 0.98419875

00:35:51.924 --> 00:35:53.400 what would be called high

NOTE Confidence: 0.98419875

00:35:53.400 --> 00:35:55.640 neighborhood violence index. The bottom

NOTE Confidence: 0.98419875

00:35:55.640 --> 00:35:57.239 is low neighborhood violence index.

NOTE Confidence: 0.98419875

00:35:57.239 --> 00:35:58.200 You can see some differences  
NOTE Confidence: 0.98419875

00:35:58.200 --> 00:35:59.339 in p d one signaling.  
NOTE Confidence: 0.97993696

00:35:59.719 --> 00:36:00.440 I don't know why the  
NOTE Confidence: 0.97993696

00:36:00.440 --> 00:36:01.799 CDH signaling didn't come out  
NOTE Confidence: 0.97993696

00:36:01.799 --> 00:36:02.920 so well, but the GCR,  
NOTE Confidence: 0.97993696

00:36:02.920 --> 00:36:03.880 you can see that stuff.  
NOTE Confidence: 0.97993696

00:36:03.880 --> 00:36:05.239 But let's get to the  
NOTE Confidence: 0.97993696

00:36:05.239 --> 00:36:05.739 point.  
NOTE Confidence: 0.9997388

00:36:10.575 --> 00:36:11.795 What if I told you  
NOTE Confidence: 0.9929129

00:36:12.655 --> 00:36:13.875 that where you lived  
NOTE Confidence: 0.9132571

00:36:14.815 --> 00:36:16.495 mattered? And going back to  
NOTE Confidence: 0.9132571

00:36:16.495 --> 00:36:17.775 the original sides of those  
NOTE Confidence: 0.9132571

00:36:17.775 --> 00:36:18.435 two brothers,  
NOTE Confidence: 0.99940234

00:36:19.135 --> 00:36:20.515 what if I told you  
NOTE Confidence: 0.9667797

00:36:20.890 --> 00:36:22.330 that I think we were  
NOTE Confidence: 0.9667797

00:36:22.330 --> 00:36:23.770 on to figuring out the

NOTE Confidence: 0.9667797

00:36:23.770 --> 00:36:25.930 hypothesis was, would those things

NOTE Confidence: 0.9667797

00:36:25.930 --> 00:36:27.770 influence whether someone had hot

NOTE Confidence: 0.9667797

00:36:27.770 --> 00:36:29.770 tumors or cold tumors? And

NOTE Confidence: 0.9667797

00:36:29.770 --> 00:36:30.890 it turns out that many

NOTE Confidence: 0.9667797

00:36:30.890 --> 00:36:31.609 of the people we were

NOTE Confidence: 0.9667797

00:36:31.609 --> 00:36:32.810 seeing from the non, and

NOTE Confidence: 0.9667797

00:36:32.810 --> 00:36:34.489 from the high neighborhood violence

NOTE Confidence: 0.9667797

00:36:34.489 --> 00:36:35.710 index were having

NOTE Confidence: 0.9673045

00:36:36.305 --> 00:36:38.245 less success with their therapies.

NOTE Confidence: 0.94356626

00:36:38.545 --> 00:36:39.665 So this idea just came

NOTE Confidence: 0.94356626

00:36:39.665 --> 00:36:40.785 out. I mean, literally, it

NOTE Confidence: 0.94356626

00:36:40.785 --> 00:36:41.745 was like, well, could they

NOTE Confidence: 0.94356626

00:36:41.985 --> 00:36:43.025 what's happening? Could they be

NOTE Confidence: 0.94356626

00:36:43.025 --> 00:36:44.225 having just cold tumors? Or

NOTE Confidence: 0.94356626

00:36:44.225 --> 00:36:45.185 someone came up with one

NOTE Confidence: 0.94356626

00:36:45.185 --> 00:36:46.145 of the postdocs and they're  
NOTE Confidence: 0.94356626

00:36:46.145 --> 00:36:47.445 like, yeah. Let's check.  
NOTE Confidence: 0.9792855

00:36:48.330 --> 00:36:49.690 So hold on here. So  
NOTE Confidence: 0.9792855

00:36:49.690 --> 00:36:51.070 as you know, cold tumors,  
NOTE Confidence: 0.9792855

00:36:51.130 --> 00:36:52.270 not always responsive.  
NOTE Confidence: 0.9640854

00:36:53.770 --> 00:36:55.450 You see typically an absence  
NOTE Confidence: 0.9640854

00:36:55.450 --> 00:36:57.550 of CD eight, low inflammatory  
NOTE Confidence: 0.9640854

00:36:57.770 --> 00:36:59.770 signatures, etcetera. Right? So think  
NOTE Confidence: 0.9640854

00:36:59.770 --> 00:37:01.210 about this. We're not comparing  
NOTE Confidence: 0.9640854

00:37:01.210 --> 00:37:02.650 black versus white. We're comparing  
NOTE Confidence: 0.9640854

00:37:02.650 --> 00:37:04.035 essentially where you live.  
NOTE Confidence: 0.8887511

00:37:05.555 --> 00:37:06.775 Group of African Americans.  
NOTE Confidence: 0.97648734

00:37:08.515 --> 00:37:09.954 This is also applicable for  
NOTE Confidence: 0.97648734

00:37:09.954 --> 00:37:11.155 me because even though I'm  
NOTE Confidence: 0.97648734

00:37:11.155 --> 00:37:12.594 talking about African Americans, this  
NOTE Confidence: 0.97648734

00:37:12.594 --> 00:37:13.335 may explain

NOTE Confidence: 0.98129284

00:37:13.635 --> 00:37:15.555 why people in Beattyville, Kentucky

NOTE Confidence: 0.98129284

00:37:15.555 --> 00:37:17.494 versus Salt Lake City, Utah

NOTE Confidence: 0.98129284

00:37:17.555 --> 00:37:19.210 also have different outcomes. So

NOTE Confidence: 0.98129284

00:37:19.210 --> 00:37:20.410 it's not just a black

NOTE Confidence: 0.98129284

00:37:20.410 --> 00:37:20.910 thing.

NOTE Confidence: 0.9523838

00:37:21.690 --> 00:37:23.150 We're just using this group.

NOTE Confidence: 0.9969771

00:37:24.330 --> 00:37:24.830 Okay.

NOTE Confidence: 0.9217538

00:37:26.170 --> 00:37:27.610 I I I love this

NOTE Confidence: 0.9217538

00:37:27.610 --> 00:37:28.730 slide. I got some better

NOTE Confidence: 0.9217538

00:37:28.730 --> 00:37:29.469 ones coming.

NOTE Confidence: 0.99742764

00:37:31.485 --> 00:37:31.985 That

NOTE Confidence: 0.9881705

00:37:32.445 --> 00:37:34.465 top slide to your left

NOTE Confidence: 0.9615325

00:37:34.845 --> 00:37:36.045 is the place where they

NOTE Confidence: 0.9615325

00:37:36.045 --> 00:37:37.645 have really high neighborhood violence

NOTE Confidence: 0.9615325

00:37:37.645 --> 00:37:39.165 index, and we took, a

NOTE Confidence: 0.9615325

00:37:39.165 --> 00:37:40.045 number of samples. We have  
NOTE Confidence: 0.9615325

00:37:40.045 --> 00:37:40.925 a probably a total now  
NOTE Confidence: 0.9615325

00:37:40.925 --> 00:37:41.965 about two hundred and fifty  
NOTE Confidence: 0.9615325

00:37:41.965 --> 00:37:43.245 total all total. But I'm  
NOTE Confidence: 0.9615325

00:37:43.245 --> 00:37:44.365 just using this as an  
NOTE Confidence: 0.9615325

00:37:44.365 --> 00:37:44.865 example.  
NOTE Confidence: 0.9869512

00:37:45.800 --> 00:37:47.100 This is a patient who  
NOTE Confidence: 0.9869512

00:37:47.320 --> 00:37:49.239 was not very responsive to  
NOTE Confidence: 0.9869512

00:37:49.239 --> 00:37:50.540 therapy at all.  
NOTE Confidence: 0.9197459

00:37:52.280 --> 00:37:53.719 And in fact, we matched  
NOTE Confidence: 0.9197459

00:37:53.719 --> 00:37:55.320 them to somebody, you know,  
NOTE Confidence: 0.9197459

00:37:55.320 --> 00:37:56.619 again, neighborhood,  
NOTE Confidence: 0.9578255

00:37:58.145 --> 00:38:00.165 same stage tumors, etcetera, etcetera,  
NOTE Confidence: 0.9995898

00:38:00.545 --> 00:38:01.525 just different  
NOTE Confidence: 0.97453594

00:38:02.065 --> 00:38:03.525 ZIP code, if you would.  
NOTE Confidence: 0.9993476

00:38:05.905 --> 00:38:06.805 It was interesting

NOTE Confidence: 0.9309288

00:38:07.265 --> 00:38:08.625 that in general, the people

NOTE Confidence: 0.9309288

00:38:08.625 --> 00:38:09.665 who came from these stressed

NOTE Confidence: 0.9309288

00:38:09.665 --> 00:38:10.165 places

NOTE Confidence: 0.98795015

00:38:10.465 --> 00:38:11.605 had much more,

NOTE Confidence: 0.9954767

00:38:12.830 --> 00:38:14.210 frequency of cold tumors.

NOTE Confidence: 0.96469563

00:38:15.630 --> 00:38:16.290 I know.

NOTE Confidence: 0.8309436

00:38:18.910 --> 00:38:20.109 High c d eight,

NOTE Confidence: 0.9494564

00:38:20.590 --> 00:38:21.790 I mean, high m two,

NOTE Confidence: 0.9494564

00:38:21.790 --> 00:38:22.750 which is circle, which is

NOTE Confidence: 0.9494564

00:38:22.750 --> 00:38:23.630 circle. They tried to put

NOTE Confidence: 0.9494564

00:38:23.630 --> 00:38:24.590 a circle around it for

NOTE Confidence: 0.9494564

00:38:24.590 --> 00:38:25.250 you guys.

NOTE Confidence: 0.9886658

00:38:25.630 --> 00:38:26.770 Low c d eight.

NOTE Confidence: 0.95559615

00:38:28.685 --> 00:38:30.045 People from the low neighborhood

NOTE Confidence: 0.95559615

00:38:30.045 --> 00:38:32.065 violence index, African American men,

NOTE Confidence: 0.9884362

00:38:32.525 --> 00:38:34.065 had essentially the opposite.

NOTE Confidence: 0.94244415

00:38:36.525 --> 00:38:38.285 People keep telling me and

NOTE Confidence: 0.94244415

00:38:38.285 --> 00:38:39.885 why I really fought this

NOTE Confidence: 0.94244415

00:38:39.885 --> 00:38:41.005 and I really paid some

NOTE Confidence: 0.94244415

00:38:41.005 --> 00:38:42.305 attention to this because

NOTE Confidence: 0.99390626

00:38:42.789 --> 00:38:44.069 I kept hearing since the

NOTE Confidence: 0.99390626

00:38:44.069 --> 00:38:44.950 time I was a medical

NOTE Confidence: 0.99390626

00:38:44.950 --> 00:38:45.450 student

NOTE Confidence: 0.972

00:38:46.230 --> 00:38:47.750 at Michigan that the reason

NOTE Confidence: 0.972

00:38:47.750 --> 00:38:49.029 why I got more cancers

NOTE Confidence: 0.972

00:38:49.029 --> 00:38:50.309 was simply because I was

NOTE Confidence: 0.972

00:38:50.309 --> 00:38:50.809 black.

NOTE Confidence: 0.9982317

00:38:51.589 --> 00:38:52.950 I'm just more predisposed to

NOTE Confidence: 0.9982317

00:38:52.950 --> 00:38:54.730 it. It's just my biology.

NOTE Confidence: 0.97179997

00:38:55.430 --> 00:38:56.549 It turns out that some

NOTE Confidence: 0.97179997

00:38:56.549 --> 00:38:57.529 of that is true.

NOTE Confidence: 0.92480415

00:38:59.625 --> 00:39:00.985 But they my angel says

NOTE Confidence: 0.92480415

00:39:00.985 --> 00:39:01.785 when you know better, you

NOTE Confidence: 0.92480415

00:39:01.785 --> 00:39:02.445 do better.

NOTE Confidence: 0.987021

00:39:02.745 --> 00:39:04.025 We also now have evidence

NOTE Confidence: 0.987021

00:39:04.025 --> 00:39:05.145 that sort of says that

NOTE Confidence: 0.987021

00:39:05.145 --> 00:39:06.745 beyond that package that I

NOTE Confidence: 0.987021

00:39:06.745 --> 00:39:07.405 come in,

NOTE Confidence: 0.98636585

00:39:08.905 --> 00:39:10.025 that which happens in the

NOTE Confidence: 0.98636585

00:39:10.025 --> 00:39:11.405 genome is also important.

NOTE Confidence: 0.99964213

00:39:13.570 --> 00:39:14.710 This issue of

NOTE Confidence: 0.97030497

00:39:15.650 --> 00:39:18.150 whether African Americans just aren't,

NOTE Confidence: 0.99359286

00:39:18.530 --> 00:39:19.989 you know, are so different

NOTE Confidence: 0.93865615

00:39:20.690 --> 00:39:21.810 that they just don't respond

NOTE Confidence: 0.93865615

00:39:21.810 --> 00:39:23.330 to standard therapy without looking

NOTE Confidence: 0.93865615

00:39:23.330 --> 00:39:24.290 in the context of what's

NOTE Confidence: 0.93865615

00:39:24.290 --> 00:39:25.250 happening in the z and  
NOTE Confidence: 0.93865615

00:39:25.250 --> 00:39:26.690 a space, I think is  
NOTE Confidence: 0.93865615

00:39:26.690 --> 00:39:27.430 old timey.  
NOTE Confidence: 0.8919695

00:39:29.065 --> 00:39:30.025 I go back to this  
NOTE Confidence: 0.8919695

00:39:30.025 --> 00:39:30.525 question.  
NOTE Confidence: 0.958542

00:39:31.864 --> 00:39:33.305 Both those brothers, they develop  
NOTE Confidence: 0.958542

00:39:33.305 --> 00:39:34.985 lung cancer. One lives in  
NOTE Confidence: 0.958542

00:39:34.985 --> 00:39:36.844 Englewood. The other lives in,  
NOTE Confidence: 0.96914697

00:39:37.385 --> 00:39:38.364 the Gold Coast  
NOTE Confidence: 0.9959342

00:39:38.985 --> 00:39:40.505 for a long period of  
NOTE Confidence: 0.9959342

00:39:40.505 --> 00:39:41.005 time.  
NOTE Confidence: 0.9992012

00:39:41.920 --> 00:39:43.460 Will they actually have  
NOTE Confidence: 0.96103126

00:39:44.320 --> 00:39:45.600 the same response to the  
NOTE Confidence: 0.96103126

00:39:45.600 --> 00:39:46.880 same therapy for their lung  
NOTE Confidence: 0.96103126

00:39:46.880 --> 00:39:47.680 cancers if it's  
NOTE Confidence: 0.8980415

00:39:48.239 --> 00:39:49.200 is all things being the

NOTE Confidence: 0.8980415  
00:39:49.200 --> 00:39:49.700 same?  
NOTE Confidence: 0.9209263  
00:39:50.400 --> 00:39:51.380 The answer is,  
NOTE Confidence: 0.958948  
00:39:52.560 --> 00:39:53.440 if you would have answered  
NOTE Confidence: 0.958948  
00:39:53.440 --> 00:39:54.160 me in the nineties, I  
NOTE Confidence: 0.958948  
00:39:54.160 --> 00:39:55.219 would have said, of course.  
NOTE Confidence: 0.91594714  
00:39:56.025 --> 00:39:56.905 If you ask me now  
NOTE Confidence: 0.91594714  
00:39:56.905 --> 00:39:57.405 in  
NOTE Confidence: 0.9355151  
00:39:57.785 --> 00:39:59.145 twenty twenty six, I say,  
NOTE Confidence: 0.9355151  
00:39:59.145 --> 00:39:59.964 I'm not sure.  
NOTE Confidence: 0.96031404  
00:40:01.944 --> 00:40:02.924 The new PSA,  
NOTE Confidence: 0.78745764  
00:40:03.625 --> 00:40:05.224 place space and I'll add  
NOTE Confidence: 0.78745764  
00:40:05.224 --> 00:40:06.285 Ancestry there,  
NOTE Confidence: 0.9647776  
00:40:06.744 --> 00:40:08.045 I think is really important.  
NOTE Confidence: 0.9647776  
00:40:08.105 --> 00:40:08.905 And by the way, when  
NOTE Confidence: 0.9647776  
00:40:08.905 --> 00:40:09.805 I say Ancestry,  
NOTE Confidence: 0.998614

00:40:10.430 --> 00:40:12.050 everyone does have an ancestry.  
NOTE Confidence: 0.9378849

00:40:12.670 --> 00:40:13.870 I went once in ancestry.  
NOTE Confidence: 0.9378849

00:40:13.870 --> 00:40:14.670 Someone said, well, you know,  
NOTE Confidence: 0.9378849

00:40:14.670 --> 00:40:15.790 that's an African American thing.  
NOTE Confidence: 0.9378849

00:40:15.790 --> 00:40:16.670 As I'm like, are you  
NOTE Confidence: 0.9378849

00:40:16.670 --> 00:40:17.170 kidding  
NOTE Confidence: 0.9932726

00:40:17.550 --> 00:40:18.050 me?  
NOTE Confidence: 0.9833596

00:40:18.350 --> 00:40:19.550 I was just in London.  
NOTE Confidence: 0.9833596

00:40:19.550 --> 00:40:20.690 I swear to god.  
NOTE Confidence: 0.8526155

00:40:21.710 --> 00:40:22.030 So  
NOTE Confidence: 0.999656

00:40:23.105 --> 00:40:24.164 But this new issue  
NOTE Confidence: 0.98833054

00:40:24.785 --> 00:40:26.964 of bringing the social molecular  
NOTE Confidence: 0.99941444

00:40:27.424 --> 00:40:28.325 aspects together  
NOTE Confidence: 0.95916164

00:40:28.944 --> 00:40:30.385 in this science, I think,  
NOTE Confidence: 0.95916164

00:40:30.385 --> 00:40:32.085 is really exciting.  
NOTE Confidence: 0.9612555

00:40:33.184 --> 00:40:34.785 I'm gonna switch just with

NOTE Confidence: 0.9612555

00:40:34.785 --> 00:40:35.825 a couple minutes that I

NOTE Confidence: 0.9612555

00:40:35.825 --> 00:40:37.320 have right now, and I

NOTE Confidence: 0.9612555

00:40:37.320 --> 00:40:38.520 know I you know, people

NOTE Confidence: 0.9612555

00:40:38.520 --> 00:40:39.560 say this guy always talks

NOTE Confidence: 0.9612555

00:40:39.560 --> 00:40:41.400 about community engagement no matter

NOTE Confidence: 0.9612555

00:40:41.400 --> 00:40:42.380 what. I do

NOTE Confidence: 0.81760794

00:40:42.920 --> 00:40:43.900 and will continue.

NOTE Confidence: 0.9853154

00:40:44.600 --> 00:40:46.200 You can't convince me that

NOTE Confidence: 0.9853154

00:40:46.200 --> 00:40:47.880 a modern day academic medical

NOTE Confidence: 0.9853154

00:40:47.880 --> 00:40:49.080 center that's trying to do

NOTE Confidence: 0.9853154

00:40:49.080 --> 00:40:50.840 impact if you only focus

NOTE Confidence: 0.9853154

00:40:50.840 --> 00:40:52.219 on just the science

NOTE Confidence: 0.9993019

00:40:52.645 --> 00:40:54.085 and you don't actually have

NOTE Confidence: 0.9993019

00:40:54.085 --> 00:40:55.445 the approach to bridge that

NOTE Confidence: 0.9993019

00:40:55.445 --> 00:40:56.745 with a very muscular

NOTE Confidence: 0.98883426

00:40:57.125 --> 00:40:58.965 outreach and engagement program to

NOTE Confidence: 0.98883426

00:40:58.965 --> 00:41:00.565 get it into communities, you're

NOTE Confidence: 0.98883426

00:41:00.565 --> 00:41:01.845 doing some good, but not

NOTE Confidence: 0.98883426

00:41:01.845 --> 00:41:02.645 as much good as you

NOTE Confidence: 0.98883426

00:41:02.645 --> 00:41:03.145 could.

NOTE Confidence: 0.9677619

00:41:03.445 --> 00:41:05.125 So for me, I value

NOTE Confidence: 0.9677619

00:41:05.364 --> 00:41:06.265 and, actually,

NOTE Confidence: 0.9667551

00:41:06.800 --> 00:41:08.640 both with my resources too.

NOTE Confidence: 0.9667551

00:41:08.640 --> 00:41:09.440 One of the things that's

NOTE Confidence: 0.9667551

00:41:09.440 --> 00:41:10.800 unique about Massey and hopefully

NOTE Confidence: 0.9667551

00:41:10.800 --> 00:41:11.600 will be at Fox Chase

NOTE Confidence: 0.9667551

00:41:11.600 --> 00:41:12.800 is that the basic science

NOTE Confidence: 0.9667551

00:41:12.800 --> 00:41:14.000 is being elevated to no

NOTE Confidence: 0.9667551

00:41:14.000 --> 00:41:15.780 end, but so are investments

NOTE Confidence: 0.9667551

00:41:15.840 --> 00:41:17.359 in outreach and engagement and

NOTE Confidence: 0.9667551

00:41:17.359 --> 00:41:18.500 the science thereof.

NOTE Confidence: 0.98901004

00:41:20.625 --> 00:41:22.305 By the way, engagement is

NOTE Confidence: 0.98901004

00:41:22.305 --> 00:41:22.965 an approach.

NOTE Confidence: 0.9598029

00:41:24.305 --> 00:41:25.505 But to make this happen,

NOTE Confidence: 0.9598029

00:41:25.505 --> 00:41:26.305 you have to have the

NOTE Confidence: 0.9598029

00:41:26.305 --> 00:41:27.445 compact with your community.

NOTE Confidence: 0.9724607

00:41:28.705 --> 00:41:29.745 I stole this, by the

NOTE Confidence: 0.9724607

00:41:29.745 --> 00:41:31.105 way, from, you know, Russo

NOTE Confidence: 0.9724607

00:41:31.105 --> 00:41:32.005 and John Locke.

NOTE Confidence: 0.95302737

00:41:33.730 --> 00:41:35.250 It may be, may not

NOTE Confidence: 0.95302737

00:41:35.250 --> 00:41:35.969 be all the point, but

NOTE Confidence: 0.95302737

00:41:35.969 --> 00:41:36.610 I hope you get the

NOTE Confidence: 0.95302737

00:41:36.610 --> 00:41:37.609 sentiment. You know, where they

NOTE Confidence: 0.95302737

00:41:37.730 --> 00:41:38.530 we used to talk about

NOTE Confidence: 0.95302737

00:41:38.530 --> 00:41:39.810 people surrender some of their

NOTE Confidence: 0.95302737

00:41:39.810 --> 00:41:41.730 natural rights in exchange for

NOTE Confidence: 0.95302737

00:41:41.730 --> 00:41:43.570 common good. I'm gonna say  
NOTE Confidence: 0.95302737

00:41:43.570 --> 00:41:45.170 that as academics, we need  
NOTE Confidence: 0.95302737

00:41:45.170 --> 00:41:45.670 to,  
NOTE Confidence: 0.93972164

00:41:46.344 --> 00:41:47.405 maybe as researchers,  
NOTE Confidence: 0.9997342

00:41:47.705 --> 00:41:49.885 surrender some of our natural  
NOTE Confidence: 0.9997342

00:41:50.105 --> 00:41:50.605 control  
NOTE Confidence: 0.9944239

00:41:52.505 --> 00:41:53.245 in exchange  
NOTE Confidence: 0.9994253

00:41:53.545 --> 00:41:54.205 for common  
NOTE Confidence: 0.872809

00:41:54.665 --> 00:41:56.125 truce with the community.  
NOTE Confidence: 0.9947409

00:41:57.305 --> 00:41:58.364 I actually think  
NOTE Confidence: 0.9986683

00:41:58.900 --> 00:42:00.920 that if it's done well,  
NOTE Confidence: 0.96158326

00:42:01.300 --> 00:42:03.060 we actually all benefit because  
NOTE Confidence: 0.96158326

00:42:03.060 --> 00:42:04.260 the missing omics within the  
NOTE Confidence: 0.96158326

00:42:04.260 --> 00:42:05.640 community gets filled in,  
NOTE Confidence: 0.99614733

00:42:06.180 --> 00:42:07.380 and our questions that we  
NOTE Confidence: 0.99614733

00:42:07.380 --> 00:42:08.580 get to ask gets more

NOTE Confidence: 0.99614733  
00:42:08.580 --> 00:42:09.080 refined.  
NOTE Confidence: 0.99735534  
00:42:09.619 --> 00:42:10.580 I'll give you one quick  
NOTE Confidence: 0.99735534  
00:42:10.580 --> 00:42:11.800 example of this compact.  
NOTE Confidence: 0.91393155  
00:42:12.275 --> 00:42:13.235 By the way, a compact,  
NOTE Confidence: 0.91393155  
00:42:13.235 --> 00:42:13.955 I love it, is a  
NOTE Confidence: 0.91393155  
00:42:14.035 --> 00:42:15.035 someone is a green light.  
NOTE Confidence: 0.91393155  
00:42:15.035 --> 00:42:15.795 My you know,  
NOTE Confidence: 0.97847795  
00:42:16.435 --> 00:42:17.315 you know, why do we  
NOTE Confidence: 0.97847795  
00:42:17.315 --> 00:42:18.614 all stop at green lights?  
NOTE Confidence: 0.97847795  
00:42:18.835 --> 00:42:20.035 You could go through anything.  
NOTE Confidence: 0.97847795  
00:42:20.035 --> 00:42:20.535 Right?  
NOTE Confidence: 0.9670726  
00:42:21.475 --> 00:42:22.515 Why do you why do  
NOTE Confidence: 0.9670726  
00:42:22.515 --> 00:42:23.315 you go through, you know,  
NOTE Confidence: 0.9670726  
00:42:23.315 --> 00:42:24.275 you go through green, you  
NOTE Confidence: 0.9670726  
00:42:24.275 --> 00:42:25.715 stop at red. Why do  
NOTE Confidence: 0.9670726

00:42:25.715 --> 00:42:26.755 you do that? You don't  
NOTE Confidence: 0.9670726

00:42:26.755 --> 00:42:28.059 have to do that. You  
NOTE Confidence: 0.9670726

00:42:28.059 --> 00:42:29.099 don't really have to do  
NOTE Confidence: 0.9670726

00:42:29.099 --> 00:42:29.599 anything.  
NOTE Confidence: 0.99326164

00:42:30.779 --> 00:42:32.059 But we agree as a  
NOTE Confidence: 0.99326164

00:42:32.059 --> 00:42:33.260 compact for the common good  
NOTE Confidence: 0.99326164

00:42:33.260 --> 00:42:34.539 that we would. I think  
NOTE Confidence: 0.99326164

00:42:34.539 --> 00:42:35.599 that there's something  
NOTE Confidence: 0.99113476

00:42:36.299 --> 00:42:37.839 similar to that, that ethos  
NOTE Confidence: 0.99113476

00:42:37.980 --> 00:42:39.099 that we need to bring  
NOTE Confidence: 0.99113476

00:42:39.099 --> 00:42:40.640 back into working with communities.  
NOTE Confidence: 0.99113476

00:42:40.779 --> 00:42:41.579 I'm gonna give you just  
NOTE Confidence: 0.99113476

00:42:41.579 --> 00:42:42.700 a quick example. I'm done  
NOTE Confidence: 0.99113476

00:42:42.700 --> 00:42:43.599 in two minutes.  
NOTE Confidence: 0.99948806

00:42:44.085 --> 00:42:45.685 This is the coolest example  
NOTE Confidence: 0.99948806

00:42:45.685 --> 00:42:46.185 ever.

NOTE Confidence: 0.9703258

00:42:46.965 --> 00:42:47.465 Literally,

NOTE Confidence: 0.9895271

00:42:48.085 --> 00:42:48.825 this map,

NOTE Confidence: 0.9890637

00:42:49.205 --> 00:42:50.565 we have eleven tribes,

NOTE Confidence: 0.9754941

00:42:51.045 --> 00:42:52.724 tribal nations within the Commonwealth

NOTE Confidence: 0.9754941

00:42:52.724 --> 00:42:53.385 of Virginia.

NOTE Confidence: 0.9928899

00:42:54.565 --> 00:42:55.945 One of those tribes said

NOTE Confidence: 0.92729414

00:42:56.405 --> 00:42:58.185 the chief chief Atkins says,

NOTE Confidence: 0.9383688

00:42:58.860 --> 00:43:00.540 doctor Wynne, I have been

NOTE Confidence: 0.9383688

00:43:00.540 --> 00:43:01.600 seeing you out.

NOTE Confidence: 0.96206903

00:43:01.900 --> 00:43:03.660 Sometimes on Sundays, I'll go

NOTE Confidence: 0.96206903

00:43:03.660 --> 00:43:04.780 to some of the churches.

NOTE Confidence: 0.96206903

00:43:04.780 --> 00:43:06.140 I'll wind up in some

NOTE Confidence: 0.96206903

00:43:06.140 --> 00:43:07.340 mosques. I also wind up

NOTE Confidence: 0.96206903

00:43:07.340 --> 00:43:09.020 in temple. I I I

NOTE Confidence: 0.96206903

00:43:09.020 --> 00:43:10.220 actually sort of say that

NOTE Confidence: 0.96206903

00:43:10.220 --> 00:43:11.440 I need I need  
NOTE Confidence: 0.99533874

00:43:11.740 --> 00:43:12.540 to be out there with  
NOTE Confidence: 0.99533874

00:43:12.540 --> 00:43:13.200 the folk.  
NOTE Confidence: 0.9784132

00:43:14.744 --> 00:43:16.265 So they had heard that  
NOTE Confidence: 0.9784132

00:43:16.265 --> 00:43:17.864 this cancer crazy cancer center  
NOTE Confidence: 0.9784132

00:43:17.864 --> 00:43:18.905 director was out there working  
NOTE Confidence: 0.9784132

00:43:18.905 --> 00:43:20.424 with people. So they literally  
NOTE Confidence: 0.9784132

00:43:20.424 --> 00:43:21.704 came to the office, made  
NOTE Confidence: 0.9784132

00:43:21.704 --> 00:43:22.905 an appointment, which I thought  
NOTE Confidence: 0.9784132

00:43:22.905 --> 00:43:23.944 was the best. Like, I  
NOTE Confidence: 0.9784132

00:43:23.944 --> 00:43:25.325 got an appointment with who?  
NOTE Confidence: 0.93757266

00:43:25.910 --> 00:43:27.190 They said chief Atkins, the  
NOTE Confidence: 0.93757266

00:43:27.190 --> 00:43:28.630 the the tribal chief of  
NOTE Confidence: 0.93757266

00:43:28.630 --> 00:43:29.910 the Chickahominy. I was like,  
NOTE Confidence: 0.93757266

00:43:29.989 --> 00:43:30.810 okay. Cool.  
NOTE Confidence: 0.99110955

00:43:31.830 --> 00:43:33.190 He literally steps in my

NOTE Confidence: 0.99110955  
00:43:33.190 --> 00:43:34.630 office, and he throws this  
NOTE Confidence: 0.99110955  
00:43:34.630 --> 00:43:35.530 piece of paper  
NOTE Confidence: 0.9996106  
00:43:35.989 --> 00:43:36.810 on the desk  
NOTE Confidence: 0.9648316  
00:43:37.350 --> 00:43:39.015 with Suzanne Brown. He says,  
NOTE Confidence: 0.9648316  
00:43:39.015 --> 00:43:39.734 tell me why am I  
NOTE Confidence: 0.9648316  
00:43:39.734 --> 00:43:40.855 losing all these people? Well,  
NOTE Confidence: 0.9648316  
00:43:40.855 --> 00:43:41.815 I'm like, well, hold hold  
NOTE Confidence: 0.9648316  
00:43:41.815 --> 00:43:43.015 on. I don't even know  
NOTE Confidence: 0.9648316  
00:43:43.015 --> 00:43:44.075 you that well, but  
NOTE Confidence: 0.99772435  
00:43:45.255 --> 00:43:46.394 can we have a conversation?  
NOTE Confidence: 0.9622041  
00:43:47.654 --> 00:43:48.775 It turns out what they  
NOTE Confidence: 0.9622041  
00:43:48.934 --> 00:43:50.375 there was a landfill nearby,  
NOTE Confidence: 0.9622041  
00:43:50.375 --> 00:43:52.110 and they were concerned that  
NOTE Confidence: 0.9622041  
00:43:52.190 --> 00:43:53.550 they had, this was just  
NOTE Confidence: 0.9622041  
00:43:53.550 --> 00:43:54.430 a part of it, that  
NOTE Confidence: 0.9622041

00:43:54.430 --> 00:43:56.350 they had a excessive number

NOTE Confidence: 0.9622041

00:43:56.350 --> 00:43:57.630 of cancer deaths. And you

NOTE Confidence: 0.9622041

00:43:57.630 --> 00:43:58.510 can see that they went

NOTE Confidence: 0.9622041

00:43:58.510 --> 00:43:59.810 through. They put the name.

NOTE Confidence: 0.9622041

00:43:59.950 --> 00:44:01.070 They, you know, put what

NOTE Confidence: 0.9622041

00:44:01.070 --> 00:44:02.110 they had and what they

NOTE Confidence: 0.9622041

00:44:02.110 --> 00:44:03.070 died from and all this

NOTE Confidence: 0.9622041

00:44:03.070 --> 00:44:04.450 stuff. It's really simple.

NOTE Confidence: 0.9834909

00:44:05.364 --> 00:44:07.045 They can got the churches

NOTE Confidence: 0.9834909

00:44:07.045 --> 00:44:08.645 together within what's called Charles

NOTE Confidence: 0.9834909

00:44:08.645 --> 00:44:09.685 County, and they said, well,

NOTE Confidence: 0.9834909

00:44:09.685 --> 00:44:10.565 we're gonna do so they

NOTE Confidence: 0.9834909

00:44:10.565 --> 00:44:11.364 had these maps, and we

NOTE Confidence: 0.9834909

00:44:11.364 --> 00:44:12.085 said, okay.

NOTE Confidence: 0.92918056

00:44:12.485 --> 00:44:13.445 Why don't we do something

NOTE Confidence: 0.92918056

00:44:13.445 --> 00:44:14.565 better? So this is what

NOTE Confidence: 0.92918056  
00:44:14.565 --> 00:44:15.844 I was telling someone yesterday  
NOTE Confidence: 0.92918056  
00:44:15.844 --> 00:44:17.445 that this started off called  
NOTE Confidence: 0.92918056  
00:44:17.445 --> 00:44:18.885 the truth project. This is  
NOTE Confidence: 0.92918056  
00:44:18.885 --> 00:44:20.960 Doctor. Tocis. This started  
NOTE Confidence: 0.9964645  
00:44:21.420 --> 00:44:22.480 off as a grant,  
NOTE Confidence: 0.972018  
00:44:22.859 --> 00:44:24.300 but I stopped doing just  
NOTE Confidence: 0.972018  
00:44:24.300 --> 00:44:25.580 grants. I made a ten  
NOTE Confidence: 0.972018  
00:44:25.580 --> 00:44:27.500 year commitment to I don't  
NOTE Confidence: 0.972018  
00:44:27.500 --> 00:44:28.700 sign off of anything as  
NOTE Confidence: 0.972018  
00:44:28.700 --> 00:44:30.560 a cancer center director unless  
NOTE Confidence: 0.972018  
00:44:30.780 --> 00:44:32.140 the people who are saying  
NOTE Confidence: 0.972018  
00:44:32.140 --> 00:44:33.739 beyond the grant, what's the  
NOTE Confidence: 0.972018  
00:44:33.739 --> 00:44:34.719 ten year plan?  
NOTE Confidence: 0.97537994  
00:44:36.515 --> 00:44:37.735 Just to go through quickly,  
NOTE Confidence: 0.97537994  
00:44:37.875 --> 00:44:38.915 we were able to test  
NOTE Confidence: 0.97537994

00:44:38.915 --> 00:44:40.035 the waters. We were able  
NOTE Confidence: 0.97537994

00:44:40.035 --> 00:44:40.915 to do all these other  
NOTE Confidence: 0.97537994

00:44:40.915 --> 00:44:42.515 things. But what wound up  
NOTE Confidence: 0.97537994

00:44:42.515 --> 00:44:44.615 happening is beautiful. We build  
NOTE Confidence: 0.97537994

00:44:44.675 --> 00:44:46.195 not just trust, but we  
NOTE Confidence: 0.97537994

00:44:46.195 --> 00:44:47.255 became more trustworthy.  
NOTE Confidence: 0.9947422

00:44:48.260 --> 00:44:49.540 And in that process, we  
NOTE Confidence: 0.9947422

00:44:49.540 --> 00:44:50.040 became  
NOTE Confidence: 0.9574975

00:44:50.500 --> 00:44:52.440 trusted by the other tribes,  
NOTE Confidence: 0.88760483

00:44:52.980 --> 00:44:53.880 tribal nations.  
NOTE Confidence: 0.96142036

00:44:54.339 --> 00:44:55.780 And now we actually have  
NOTE Confidence: 0.96142036

00:44:55.780 --> 00:44:57.239 left them with a conference  
NOTE Confidence: 0.96142036

00:44:57.460 --> 00:44:58.739 that is an annual first  
NOTE Confidence: 0.96142036

00:44:58.739 --> 00:45:00.599 and only annual conference  
NOTE Confidence: 0.97692937

00:45:01.005 --> 00:45:03.025 around cancer in tribal communities  
NOTE Confidence: 0.97692937

00:45:03.085 --> 00:45:04.785 within the US every year.

NOTE Confidence: 0.99188536

00:45:06.285 --> 00:45:08.204 We've also not only just

NOTE Confidence: 0.99188536

00:45:08.204 --> 00:45:09.724 did papers, which is great,

NOTE Confidence: 0.99188536

00:45:09.724 --> 00:45:11.404 but we've also now allowed

NOTE Confidence: 0.99188536

00:45:11.404 --> 00:45:11.904 them,

NOTE Confidence: 0.9902239

00:45:12.204 --> 00:45:13.484 and enabled them in some

NOTE Confidence: 0.9902239

00:45:13.484 --> 00:45:14.924 ways to really kind of

NOTE Confidence: 0.9902239

00:45:14.924 --> 00:45:15.744 amp it up.

NOTE Confidence: 0.88278055

00:45:16.450 --> 00:45:17.510 Last two slides.

NOTE Confidence: 0.9966527

00:45:18.290 --> 00:45:19.270 Some of you may

NOTE Confidence: 0.969656

00:45:19.650 --> 00:45:20.850 remember I've shown this slide

NOTE Confidence: 0.969656

00:45:20.850 --> 00:45:22.290 maybe few years ago, but

NOTE Confidence: 0.969656

00:45:22.290 --> 00:45:23.330 I'm bringing it back because

NOTE Confidence: 0.969656

00:45:23.330 --> 00:45:24.550 it's important to me.

NOTE Confidence: 0.9951066

00:45:24.850 --> 00:45:25.670 Ralph Abernathy

NOTE Confidence: 0.98395544

00:45:26.450 --> 00:45:28.055 and doctor Payne. And I

NOTE Confidence: 0.98395544

00:45:28.055 --> 00:45:28.695 don't know if you all  
NOTE Confidence: 0.98395544

00:45:28.695 --> 00:45:30.215 know the story, but right  
NOTE Confidence: 0.98395544

00:45:30.215 --> 00:45:31.255 before they were gonna put  
NOTE Confidence: 0.98395544

00:45:31.255 --> 00:45:32.455 the first man on the  
NOTE Confidence: 0.98395544

00:45:32.455 --> 00:45:32.955 moon,  
NOTE Confidence: 0.99884814

00:45:33.895 --> 00:45:35.355 there was a  
NOTE Confidence: 0.92326254

00:45:35.655 --> 00:45:37.015 I mean I mean, doctor  
NOTE Confidence: 0.92326254

00:45:37.015 --> 00:45:38.375 Abernathy, which is down with  
NOTE Confidence: 0.92326254

00:45:38.375 --> 00:45:39.495 MLK and all the rest  
NOTE Confidence: 0.92326254

00:45:39.495 --> 00:45:40.395 of those guys, Shuttleworth,  
NOTE Confidence: 0.98589075

00:45:40.695 --> 00:45:41.995 actually had a protest.  
NOTE Confidence: 0.9995629

00:45:42.950 --> 00:45:44.309 And it got so loud  
NOTE Confidence: 0.9995629

00:45:44.309 --> 00:45:44.809 that  
NOTE Confidence: 0.9427292

00:45:45.109 --> 00:45:46.710 NASA said, go quiet those  
NOTE Confidence: 0.9427292

00:45:46.710 --> 00:45:48.150 guys out. Go go find  
NOTE Confidence: 0.9427292

00:45:48.150 --> 00:45:49.109 out what do they want.

NOTE Confidence: 0.9427292

00:45:49.109 --> 00:45:50.150 This picture is a very

NOTE Confidence: 0.9427292

00:45:50.150 --> 00:45:51.670 famous picture for me and

NOTE Confidence: 0.9427292

00:45:51.670 --> 00:45:53.349 actually is orient much of

NOTE Confidence: 0.9427292

00:45:53.349 --> 00:45:54.089 what I do.

NOTE Confidence: 0.9404459

00:45:54.549 --> 00:45:55.670 Doctor Payne comes out and

NOTE Confidence: 0.9404459

00:45:55.670 --> 00:45:56.489 he says, listen.

NOTE Confidence: 0.99923646

00:45:57.185 --> 00:45:58.465 We are about to put

NOTE Confidence: 0.99923646

00:45:58.465 --> 00:46:00.145 the first man on the

NOTE Confidence: 0.99923646

00:46:00.145 --> 00:46:00.645 moon.

NOTE Confidence: 0.9203254

00:46:02.225 --> 00:46:03.744 It is a technological, and

NOTE Confidence: 0.9203254

00:46:03.744 --> 00:46:05.585 we have everybody else, you

NOTE Confidence: 0.9203254

00:46:05.585 --> 00:46:06.785 know, watching us, especially the

NOTE Confidence: 0.9203254

00:46:06.785 --> 00:46:08.145 communist. And they're gonna you

NOTE Confidence: 0.9203254

00:46:08.305 --> 00:46:09.344 and he said, ho ho.

NOTE Confidence: 0.9203254

00:46:09.344 --> 00:46:09.844 Stop.

NOTE Confidence: 0.97115034

00:46:10.320 --> 00:46:11.920 He goes, believe me. Reverend  
NOTE Confidence: 0.97115034

00:46:11.920 --> 00:46:13.200 Avance, he said, I am  
NOTE Confidence: 0.97115034

00:46:13.200 --> 00:46:14.160 actually proud to be an  
NOTE Confidence: 0.97115034

00:46:14.160 --> 00:46:15.280 American, and we're gonna do  
NOTE Confidence: 0.97115034

00:46:15.280 --> 00:46:17.120 that. It's a technological dominance  
NOTE Confidence: 0.97115034

00:46:17.120 --> 00:46:18.560 of America. It also shows  
NOTE Confidence: 0.97115034

00:46:18.560 --> 00:46:19.440 what we're made of and  
NOTE Confidence: 0.97115034

00:46:19.440 --> 00:46:20.719 what we can do. He  
NOTE Confidence: 0.97115034

00:46:20.719 --> 00:46:21.760 goes, but what I'm worried  
NOTE Confidence: 0.97115034

00:46:21.760 --> 00:46:22.900 about is that  
NOTE Confidence: 0.98646605

00:46:23.280 --> 00:46:24.580 four miles from here,  
NOTE Confidence: 0.97183275

00:46:25.545 --> 00:46:26.185 we have some of the  
NOTE Confidence: 0.97183275

00:46:26.185 --> 00:46:27.704 worst poverty. He goes, all  
NOTE Confidence: 0.97183275

00:46:27.704 --> 00:46:28.505 I wanna ask you is  
NOTE Confidence: 0.97183275

00:46:28.505 --> 00:46:29.385 if we can put somebody  
NOTE Confidence: 0.97183275

00:46:29.385 --> 00:46:30.204 on the moon

NOTE Confidence: 0.98280454

00:46:31.785 --> 00:46:33.464 to solve that problem, why

NOTE Confidence: 0.98280454

00:46:33.464 --> 00:46:34.344 can't we go four or

NOTE Confidence: 0.98280454

00:46:34.344 --> 00:46:35.385 five miles down from where

NOTE Confidence: 0.98280454

00:46:35.385 --> 00:46:36.585 we're about to launch this

NOTE Confidence: 0.98280454

00:46:36.585 --> 00:46:37.385 thing and take care of

NOTE Confidence: 0.98280454

00:46:37.385 --> 00:46:39.145 those communities? That's a problem

NOTE Confidence: 0.98280454

00:46:39.145 --> 00:46:39.645 too.

NOTE Confidence: 0.97048825

00:46:40.340 --> 00:46:41.800 So I'll end with this.

NOTE Confidence: 0.98524034

00:46:43.060 --> 00:46:44.280 Brings me full circle.

NOTE Confidence: 0.9104522

00:46:45.380 --> 00:46:46.680 We are at a crossroads.

NOTE Confidence: 0.9873393

00:46:50.100 --> 00:46:51.480 And now more than ever,

NOTE Confidence: 0.9873393

00:46:51.620 --> 00:46:52.440 we need to

NOTE Confidence: 0.9734118

00:46:52.805 --> 00:46:54.805 think not about now, but

NOTE Confidence: 0.9734118

00:46:54.805 --> 00:46:55.785 about our future.

NOTE Confidence: 0.97211313

00:46:57.685 --> 00:46:58.965 And I know sometimes people

NOTE Confidence: 0.97211313

00:46:58.965 --> 00:47:00.325 say, god, Rob, you're just  
NOTE Confidence: 0.97211313

00:47:00.325 --> 00:47:01.845 the most optimistic guy I  
NOTE Confidence: 0.97211313

00:47:01.845 --> 00:47:03.225 know. What's wrong with you?  
NOTE Confidence: 0.9918732

00:47:03.605 --> 00:47:04.585 It's not optimism.  
NOTE Confidence: 0.9821152

00:47:05.570 --> 00:47:07.330 It's to understand that science  
NOTE Confidence: 0.9821152

00:47:07.330 --> 00:47:08.710 continues to march forward  
NOTE Confidence: 0.9844028

00:47:09.010 --> 00:47:09.670 no matter.  
NOTE Confidence: 0.9980646

00:47:11.489 --> 00:47:12.550 We've had times  
NOTE Confidence: 0.99648076

00:47:13.969 --> 00:47:15.590 that have been incredibly tough.  
NOTE Confidence: 0.9781357

00:47:16.770 --> 00:47:18.130 My grandmother reminds me that  
NOTE Confidence: 0.9781357

00:47:18.130 --> 00:47:19.330 Jim Crow wasn't that far  
NOTE Confidence: 0.9781357

00:47:19.330 --> 00:47:19.830 away,  
NOTE Confidence: 0.9285298

00:47:22.305 --> 00:47:23.825 and yet the science continue  
NOTE Confidence: 0.9285298

00:47:23.825 --> 00:47:24.484 to move.  
NOTE Confidence: 0.96421146

00:47:26.625 --> 00:47:28.385 I'm gonna actually send out  
NOTE Confidence: 0.96421146

00:47:28.385 --> 00:47:29.265 a call to action. I've

NOTE Confidence: 0.96421146  
00:47:29.265 --> 00:47:30.244 been so inspired  
NOTE Confidence: 0.9433431  
00:47:30.864 --> 00:47:32.484 by Paul and by this  
NOTE Confidence: 0.9433431  
00:47:32.625 --> 00:47:33.744 meeting and by the spirit  
NOTE Confidence: 0.9433431  
00:47:33.744 --> 00:47:35.219 of doctor Calabresi that says  
NOTE Confidence: 0.9433431  
00:47:35.300 --> 00:47:36.739 we should be rethinking about  
NOTE Confidence: 0.9433431  
00:47:36.739 --> 00:47:38.119 this next crossroads  
NOTE Confidence: 0.98233736  
00:47:39.700 --> 00:47:40.739 and what we should be  
NOTE Confidence: 0.98233736  
00:47:40.739 --> 00:47:41.800 doing about it.  
NOTE Confidence: 0.9874203  
00:47:42.820 --> 00:47:44.340 And so I think I  
NOTE Confidence: 0.9874203  
00:47:44.340 --> 00:47:44.840 will,  
NOTE Confidence: 0.96319133  
00:47:45.380 --> 00:47:46.660 say on this day, I'm  
NOTE Confidence: 0.96319133  
00:47:46.660 --> 00:47:48.040 calling us all out.  
NOTE Confidence: 0.9690087  
00:47:49.305 --> 00:47:51.385 I'd like to restart the  
NOTE Confidence: 0.9690087  
00:47:51.385 --> 00:47:51.885 conversation,  
NOTE Confidence: 0.9791866  
00:47:54.744 --> 00:47:56.205 figure out how to organize  
NOTE Confidence: 0.9791866

00:47:56.265 --> 00:47:57.224 and how to get with  
NOTE Confidence: 0.9791866

00:47:57.224 --> 00:47:58.505 people and people from the  
NOTE Confidence: 0.9791866

00:47:58.505 --> 00:47:59.885 community, by the way,  
NOTE Confidence: 0.9497137

00:48:00.579 --> 00:48:01.540 to help us come up  
NOTE Confidence: 0.9497137

00:48:01.540 --> 00:48:03.480 with another, not just report,  
NOTE Confidence: 0.9497137

00:48:03.540 --> 00:48:04.420 but in a I'm gonna  
NOTE Confidence: 0.9497137

00:48:04.420 --> 00:48:05.719 call it an action plan  
NOTE Confidence: 0.96424884

00:48:06.819 --> 00:48:07.700 of what we're gonna do  
NOTE Confidence: 0.96424884

00:48:07.700 --> 00:48:08.839 in the years to come.  
NOTE Confidence: 0.96424884

00:48:09.059 --> 00:48:10.020 So with that, I know  
NOTE Confidence: 0.96424884

00:48:10.020 --> 00:48:11.640 I probably overstayed my welcome,  
NOTE Confidence: 0.99282855

00:48:12.515 --> 00:48:13.795 but I do wanna say,  
NOTE Confidence: 0.93353206

00:48:14.195 --> 00:48:15.475 to the Calabresi family, to  
NOTE Confidence: 0.93353206

00:48:15.475 --> 00:48:16.755 Eric and Roy and everybody  
NOTE Confidence: 0.93353206

00:48:16.755 --> 00:48:17.955 in this room, doggone it,  
NOTE Confidence: 0.93353206

00:48:17.955 --> 00:48:19.555 thank you so much for

NOTE Confidence: 0.93353206

00:48:19.555 --> 00:48:20.594 allowing me to be with

NOTE Confidence: 0.93353206

00:48:20.594 --> 00:48:21.655 you. Appreciate it.

NOTE Confidence: 0.9326525

00:48:30.360 --> 00:48:31.960 Thanks thanks, Rob, for an

NOTE Confidence: 0.9326525

00:48:31.960 --> 00:48:33.160 excellent lecture. I just wanna

NOTE Confidence: 0.9326525

00:48:33.160 --> 00:48:34.360 remind some of the trainees

NOTE Confidence: 0.9326525

00:48:34.360 --> 00:48:35.160 or anyone who wants to

NOTE Confidence: 0.9326525

00:48:35.160 --> 00:48:36.360 come at Michela Dine in,

NOTE Confidence: 0.9326525

00:48:36.360 --> 00:48:37.480 we'll have what's called brewing

NOTE Confidence: 0.9326525

00:48:37.480 --> 00:48:39.675 connections right next door where,

NOTE Confidence: 0.9326525

00:48:39.835 --> 00:48:40.955 people can spend more time

NOTE Confidence: 0.9326525

00:48:40.955 --> 00:48:42.475 with Robert. And now as

NOTE Confidence: 0.9326525

00:48:42.475 --> 00:48:43.355 is the tradition of the

NOTE Confidence: 0.9326525

00:48:43.355 --> 00:48:45.835 Calabresi lecture, judge Giulio Calabresi

NOTE Confidence: 0.9326525

00:48:45.835 --> 00:48:47.055 will ask the first question.

NOTE Confidence: 0.983504

00:48:48.715 --> 00:48:50.655 I actually have two questions,

NOTE Confidence: 0.99863064

00:48:51.275 --> 00:48:51.775 and  
NOTE Confidence: 0.96058416

00:48:52.170 --> 00:48:53.390 they're one technical  
NOTE Confidence: 0.99685663

00:48:53.849 --> 00:48:55.309 and one much broader.  
NOTE Confidence: 0.98068607

00:48:55.690 --> 00:48:57.930 The technical question is, has  
NOTE Confidence: 0.98068607

00:48:57.930 --> 00:48:59.710 the same kind of study  
NOTE Confidence: 0.97468126

00:49:00.170 --> 00:49:01.930 been done with other kinds  
NOTE Confidence: 0.97468126

00:49:01.930 --> 00:49:02.670 of diseases?  
NOTE Confidence: 0.9559888

00:49:03.450 --> 00:49:04.349 Heart diseases,  
NOTE Confidence: 0.9935601

00:49:04.969 --> 00:49:05.469 strokes,  
NOTE Confidence: 0.90684575

00:49:06.995 --> 00:49:07.895 renal diseases,  
NOTE Confidence: 0.9970344

00:49:08.515 --> 00:49:10.355 do they react in the  
NOTE Confidence: 0.9970344

00:49:10.355 --> 00:49:11.335 same geographical  
NOTE Confidence: 0.9641699

00:49:11.795 --> 00:49:13.575 way more or less?  
NOTE Confidence: 0.9502819

00:49:14.035 --> 00:49:15.815 And the second question is,  
NOTE Confidence: 0.99799955

00:49:16.195 --> 00:49:17.635 given that we have to  
NOTE Confidence: 0.99799955

00:49:17.635 --> 00:49:18.455 do something

NOTE Confidence: 0.9969457

00:49:18.930 --> 00:49:19.750 as a community,

NOTE Confidence: 0.9791336

00:49:20.849 --> 00:49:22.050 do you think it is

NOTE Confidence: 0.9791336

00:49:22.050 --> 00:49:23.910 best to focus locally?

NOTE Confidence: 0.9349704

00:49:24.849 --> 00:49:27.010 You mentioned senators, people like

NOTE Confidence: 0.9349704

00:49:27.010 --> 00:49:27.510 that,

NOTE Confidence: 0.95703125

00:49:27.810 --> 00:49:29.349 or to focus nationally?

NOTE Confidence: 0.95672244

00:49:30.369 --> 00:49:31.569 You know, that's a question

NOTE Confidence: 0.95672244

00:49:31.569 --> 00:49:33.010 to me as a lawyer

NOTE Confidence: 0.95672244

00:49:33.010 --> 00:49:34.805 and so on. Where do

NOTE Confidence: 0.95672244

00:49:34.805 --> 00:49:35.944 you think we can

NOTE Confidence: 0.93913174

00:49:36.644 --> 00:49:37.704 do the pressure

NOTE Confidence: 0.982639

00:49:38.085 --> 00:49:39.444 that will help you all

NOTE Confidence: 0.982639

00:49:39.444 --> 00:49:40.884 to do this? This has

NOTE Confidence: 0.982639

00:49:40.884 --> 00:49:41.704 been wonderful,

NOTE Confidence: 0.91078407

00:49:42.244 --> 00:49:44.005 and I, you know, I

NOTE Confidence: 0.91078407

00:49:44.005 --> 00:49:45.065 wanna do something.  
NOTE Confidence: 0.99718094

00:49:47.670 --> 00:49:48.710 Thank you so much.  
NOTE Confidence: 0.9926527

00:49:49.109 --> 00:49:50.469 To your first question, I  
NOTE Confidence: 0.9926527

00:49:50.630 --> 00:49:52.069 you know, this concept is  
NOTE Confidence: 0.9926527

00:49:52.069 --> 00:49:53.609 starting to take some roots.  
NOTE Confidence: 0.99640673

00:49:54.469 --> 00:49:55.829 There has been a really  
NOTE Confidence: 0.99640673

00:49:55.829 --> 00:49:57.849 amazing group in, both Maryland.  
NOTE Confidence: 0.99811095

00:49:58.710 --> 00:49:59.829 There's been a group in  
NOTE Confidence: 0.99811095

00:49:59.829 --> 00:50:01.270 Philadelphia and around the country  
NOTE Confidence: 0.99811095

00:50:01.270 --> 00:50:02.810 that are starting to understand  
NOTE Confidence: 0.99765813

00:50:03.165 --> 00:50:04.205 that where you live probably  
NOTE Confidence: 0.99765813

00:50:04.205 --> 00:50:04.945 does matter.  
NOTE Confidence: 0.912811

00:50:05.805 --> 00:50:06.925 I have this funny thing.  
NOTE Confidence: 0.912811

00:50:06.925 --> 00:50:07.725 We won't talk about it  
NOTE Confidence: 0.912811

00:50:07.725 --> 00:50:08.445 now because I don't know  
NOTE Confidence: 0.912811

00:50:08.445 --> 00:50:09.565 if it's gonna work, but

NOTE Confidence: 0.912811

00:50:09.565 --> 00:50:10.605 I I I you know,

NOTE Confidence: 0.912811

00:50:10.605 --> 00:50:12.305 there was, as a pulmonologist,

NOTE Confidence: 0.912811

00:50:12.445 --> 00:50:13.165 as a lung guy, I

NOTE Confidence: 0.912811

00:50:13.165 --> 00:50:13.965 had this thing called the

NOTE Confidence: 0.912811

00:50:13.965 --> 00:50:14.705 Fick equation.

NOTE Confidence: 0.97133833

00:50:15.005 --> 00:50:16.205 So I was working with

NOTE Confidence: 0.97133833

00:50:16.205 --> 00:50:17.910 machine learning and AI about

NOTE Confidence: 0.97133833

00:50:18.150 --> 00:50:19.589 creating what's called a social

NOTE Confidence: 0.97133833

00:50:19.589 --> 00:50:21.430 fic equation, about how, you

NOTE Confidence: 0.97133833

00:50:21.430 --> 00:50:22.950 know, turbulence and other things

NOTE Confidence: 0.97133833

00:50:22.950 --> 00:50:23.670 like that, how if you

NOTE Confidence: 0.97133833

00:50:23.670 --> 00:50:24.950 have drug x, how does

NOTE Confidence: 0.97133833

00:50:24.950 --> 00:50:26.309 it get to community y?

NOTE Confidence: 0.97133833

00:50:26.309 --> 00:50:27.349 Anyways, I think it's a

NOTE Confidence: 0.97133833

00:50:27.349 --> 00:50:29.109 failure for the first round,

NOTE Confidence: 0.97133833

00:50:29.109 --> 00:50:30.390 but we'll keep working on  
NOTE Confidence: 0.97133833

00:50:30.390 --> 00:50:32.089 that. To your second point,  
NOTE Confidence: 0.97213227

00:50:32.495 --> 00:50:33.855 I actually think one team,  
NOTE Confidence: 0.97213227

00:50:33.855 --> 00:50:34.594 one fight.  
NOTE Confidence: 0.9773686

00:50:35.614 --> 00:50:38.415 It's local efforts with national  
NOTE Confidence: 0.9773686

00:50:38.415 --> 00:50:38.915 impact.  
NOTE Confidence: 0.9671042

00:50:39.295 --> 00:50:40.594 And I've been going around  
NOTE Confidence: 0.9671042

00:50:40.655 --> 00:50:41.775 sort of saying to everybody  
NOTE Confidence: 0.9671042

00:50:41.775 --> 00:50:42.815 that we are fighting the  
NOTE Confidence: 0.9671042

00:50:42.815 --> 00:50:43.555 wrong thing.  
NOTE Confidence: 0.9388407

00:50:44.575 --> 00:50:46.640 One team, one fight, and  
NOTE Confidence: 0.9388407

00:50:46.640 --> 00:50:47.680 then this fight, it's to  
NOTE Confidence: 0.9388407

00:50:47.680 --> 00:50:49.040 fight cancer, but other broad  
NOTE Confidence: 0.9388407

00:50:49.040 --> 00:50:50.580 diseases. So there is a  
NOTE Confidence: 0.9388407

00:50:50.640 --> 00:50:51.140 alignment  
NOTE Confidence: 0.8961738

00:50:51.760 --> 00:50:53.040 of local efforts, which have

NOTE Confidence: 0.8961738

00:50:53.040 --> 00:50:54.160 gotten much better. This is

NOTE Confidence: 0.8961738

00:50:54.160 --> 00:50:55.040 why I'll wind up in

NOTE Confidence: 0.8961738

00:50:55.040 --> 00:50:56.560 a, a at the,

NOTE Confidence: 0.88558203

00:50:57.675 --> 00:50:58.175 Tappahannock,

NOTE Confidence: 0.96033335

00:50:59.035 --> 00:51:00.155 you know, on a Sunday

NOTE Confidence: 0.96033335

00:51:00.155 --> 00:51:01.435 in a church with four,

NOTE Confidence: 0.96033335

00:51:01.435 --> 00:51:02.875 five hundred people, three hundred

NOTE Confidence: 0.96033335

00:51:02.875 --> 00:51:03.915 people, or a church with

NOTE Confidence: 0.96033335

00:51:03.915 --> 00:51:05.355 twenty people, but aligning that

NOTE Confidence: 0.96033335

00:51:05.355 --> 00:51:07.035 with the legislators and aligning

NOTE Confidence: 0.96033335

00:51:07.035 --> 00:51:08.575 that both locally and nationally

NOTE Confidence: 0.97606456

00:51:08.875 --> 00:51:10.469 because it's about talking to

NOTE Confidence: 0.97606456

00:51:10.469 --> 00:51:11.430 one another. I know that

NOTE Confidence: 0.97606456

00:51:11.430 --> 00:51:12.710 sounds strange because we have

NOTE Confidence: 0.97606456

00:51:12.710 --> 00:51:13.590 our cell phone, and we

NOTE Confidence: 0.97606456

00:51:13.590 --> 00:51:14.390 just all we need to  
NOTE Confidence: 0.97606456

00:51:14.390 --> 00:51:15.590 do is social media. But  
NOTE Confidence: 0.97606456

00:51:15.590 --> 00:51:16.469 it turns out that when  
NOTE Confidence: 0.97606456

00:51:16.469 --> 00:51:17.350 you talk to one another  
NOTE Confidence: 0.97606456

00:51:17.350 --> 00:51:18.710 and you align efforts, you  
NOTE Confidence: 0.97606456

00:51:18.710 --> 00:51:19.750 can get bigger things. So  
NOTE Confidence: 0.97606456

00:51:19.750 --> 00:51:21.910 that's the kinda underpinning thing  
NOTE Confidence: 0.97606456

00:51:21.910 --> 00:51:22.710 of trying to get this  
NOTE Confidence: 0.97606456

00:51:22.710 --> 00:51:24.170 information out in this approach.  
NOTE Confidence: 0.97220796

00:51:27.215 --> 00:51:28.415 I wanted to just mention  
NOTE Confidence: 0.97220796

00:51:28.415 --> 00:51:29.775 something about my dad, which  
NOTE Confidence: 0.97220796

00:51:29.775 --> 00:51:31.215 I had a chance to  
NOTE Confidence: 0.97220796

00:51:31.215 --> 00:51:32.335 share with you last night,  
NOTE Confidence: 0.97220796

00:51:32.335 --> 00:51:33.535 but not with the audience,  
NOTE Confidence: 0.97220796

00:51:33.535 --> 00:51:34.275 which is  
NOTE Confidence: 0.9935895

00:51:34.655 --> 00:51:36.095 that, one of the things

NOTE Confidence: 0.9935895

00:51:36.095 --> 00:51:37.535 he was proudest of in

NOTE Confidence: 0.9935895

00:51:37.535 --> 00:51:39.180 life is that having gone

NOTE Confidence: 0.9935895

00:51:39.180 --> 00:51:41.260 to Yale College, Yale Medical

NOTE Confidence: 0.9935895

00:51:41.260 --> 00:51:41.760 School,

NOTE Confidence: 0.97955805

00:51:42.140 --> 00:51:43.500 and having worked at Yale

NOTE Confidence: 0.97955805

00:51:43.500 --> 00:51:44.940 New Haven Hospital and the

NOTE Confidence: 0.97955805

00:51:44.940 --> 00:51:46.400 cancer center here for

NOTE Confidence: 0.95732856

00:51:46.700 --> 00:51:47.440 eight years,

NOTE Confidence: 0.96518934

00:51:47.900 --> 00:51:49.420 he went to Providence, Rhode

NOTE Confidence: 0.96518934

00:51:49.420 --> 00:51:51.355 Island to cofound with Pierre

NOTE Confidence: 0.96518934

00:51:51.355 --> 00:51:53.595 Galletti, the Brown University Medical

NOTE Confidence: 0.96518934

00:51:53.595 --> 00:51:54.095 School.

NOTE Confidence: 0.9962692

00:51:54.795 --> 00:51:56.175 And he said,

NOTE Confidence: 0.9997422

00:51:56.635 --> 00:51:57.595 one of the reasons he

NOTE Confidence: 0.9997422

00:51:57.595 --> 00:51:59.295 was particularly proud of that

NOTE Confidence: 0.9767213

00:51:59.755 --> 00:52:01.195 is because the people of  
NOTE Confidence: 0.9767213

00:52:01.195 --> 00:52:03.515 Rhode Island, Eastern Connecticut, and  
NOTE Confidence: 0.9767213

00:52:03.515 --> 00:52:04.335 Cape Cod  
NOTE Confidence: 0.98446393

00:52:04.670 --> 00:52:06.670 were getting lower quality medical  
NOTE Confidence: 0.98446393

00:52:06.670 --> 00:52:08.430 care than people in Boston  
NOTE Confidence: 0.98446393

00:52:08.430 --> 00:52:09.790 and people in New Haven  
NOTE Confidence: 0.98446393

00:52:09.790 --> 00:52:11.170 and people in New York.  
NOTE Confidence: 0.98446393

00:52:11.469 --> 00:52:13.250 And you needed more university  
NOTE Confidence: 0.98529047

00:52:13.950 --> 00:52:16.050 hospitals with interns and residents  
NOTE Confidence: 0.98529047

00:52:16.110 --> 00:52:17.625 to do that. Yes. One  
NOTE Confidence: 0.98529047

00:52:17.625 --> 00:52:18.825 thing that occurs to me  
NOTE Confidence: 0.98529047

00:52:18.825 --> 00:52:20.125 is that in my lifetime,  
NOTE Confidence: 0.98529047

00:52:20.344 --> 00:52:21.965 the population of the country  
NOTE Confidence: 0.98529047

00:52:22.025 --> 00:52:22.765 has doubled.  
NOTE Confidence: 0.98218465

00:52:23.225 --> 00:52:24.585 But the only new medical  
NOTE Confidence: 0.98218465

00:52:24.585 --> 00:52:25.625 school I know of that's

NOTE Confidence: 0.98218465  
00:52:25.625 --> 00:52:27.065 been founded is Brown. I  
NOTE Confidence: 0.98218465  
00:52:27.065 --> 00:52:28.344 assume there may be others.  
NOTE Confidence: 0.98218465  
00:52:28.344 --> 00:52:29.565 I just don't know.  
NOTE Confidence: 0.99956  
00:52:30.640 --> 00:52:31.680 I wonder if we don't  
NOTE Confidence: 0.99956  
00:52:31.680 --> 00:52:33.360 need twice as many doctors  
NOTE Confidence: 0.99956  
00:52:33.360 --> 00:52:33.860 now  
NOTE Confidence: 0.97512275  
00:52:34.320 --> 00:52:35.219 as we needed,  
NOTE Confidence: 0.96194524  
00:52:35.600 --> 00:52:37.200 as as as we actually  
NOTE Confidence: 0.96194524  
00:52:37.200 --> 00:52:37.700 have.  
NOTE Confidence: 0.98172116  
00:52:38.160 --> 00:52:39.760 That if we had twice  
NOTE Confidence: 0.98172116  
00:52:39.760 --> 00:52:41.200 as many doctors and twice  
NOTE Confidence: 0.98172116  
00:52:41.200 --> 00:52:42.880 as many medical schools, they  
NOTE Confidence: 0.98172116  
00:52:42.880 --> 00:52:44.235 could farm out all of  
NOTE Confidence: 0.98172116  
00:52:44.555 --> 00:52:46.075 they all over the country  
NOTE Confidence: 0.98172116  
00:52:46.075 --> 00:52:47.275 and reach some of the  
NOTE Confidence: 0.98172116

00:52:47.275 --> 00:52:49.275 African American communities and other  
NOTE Confidence: 0.98172116

00:52:49.275 --> 00:52:51.435 underserved communities you're talking about.  
NOTE Confidence: 0.98172116

00:52:51.435 --> 00:52:52.955 Yep. You know what? I  
NOTE Confidence: 0.98172116

00:52:52.955 --> 00:52:54.315 I I'm gonna volunteer you  
NOTE Confidence: 0.98172116

00:52:54.315 --> 00:52:55.195 to come with me when  
NOTE Confidence: 0.98172116

00:52:55.195 --> 00:52:56.155 I talk to some people  
NOTE Confidence: 0.98172116

00:52:56.155 --> 00:52:56.975 on the hill.  
NOTE Confidence: 0.9370449

00:52:57.355 --> 00:52:58.735 It's I'll do it.  
NOTE Confidence: 0.9255536

00:52:59.630 --> 00:53:00.590 But I do think that  
NOTE Confidence: 0.9255536

00:53:00.910 --> 00:53:02.450 I also think that the  
NOTE Confidence: 0.95621026

00:53:02.910 --> 00:53:03.410 workforce,  
NOTE Confidence: 0.97611624

00:53:04.190 --> 00:53:05.230 we're starting to think about  
NOTE Confidence: 0.97611624

00:53:05.230 --> 00:53:06.030 it a little bit differently,  
NOTE Confidence: 0.97611624

00:53:06.030 --> 00:53:07.070 particularly in rural areas. It  
NOTE Confidence: 0.97611624

00:53:07.070 --> 00:53:08.030 turns out we we kept  
NOTE Confidence: 0.97611624

00:53:08.030 --> 00:53:09.630 talking about nurse practitioners and

NOTE Confidence: 0.97611624  
00:53:09.630 --> 00:53:10.130 PAs.  
NOTE Confidence: 0.93643254  
00:53:10.910 --> 00:53:12.430 The best ever story I  
NOTE Confidence: 0.93643254  
00:53:12.430 --> 00:53:13.310 ever had was I was  
NOTE Confidence: 0.93643254  
00:53:13.310 --> 00:53:14.510 talking to someone, and I  
NOTE Confidence: 0.93643254  
00:53:14.510 --> 00:53:15.985 was in Frontier Country. So  
NOTE Confidence: 0.93643254  
00:53:15.985 --> 00:53:16.785 we were doing some cool  
NOTE Confidence: 0.93643254  
00:53:16.785 --> 00:53:18.005 things in Frontier Country.  
NOTE Confidence: 0.8850653  
00:53:18.465 --> 00:53:19.905 And a a nurse came  
NOTE Confidence: 0.8850653  
00:53:19.905 --> 00:53:20.785 to me, and she said,  
NOTE Confidence: 0.8850653  
00:53:20.785 --> 00:53:21.285 doc,  
NOTE Confidence: 0.98535484  
00:53:21.665 --> 00:53:22.864 she goes, if you think  
NOTE Confidence: 0.98535484  
00:53:22.864 --> 00:53:24.065 doctors don't wanna go there,  
NOTE Confidence: 0.98535484  
00:53:24.065 --> 00:53:24.705 why do you all of  
NOTE Confidence: 0.98535484  
00:53:24.705 --> 00:53:25.505 a sudden think that a  
NOTE Confidence: 0.98535484  
00:53:25.505 --> 00:53:26.705 PA or NP wants to  
NOTE Confidence: 0.98535484

00:53:26.705 --> 00:53:28.065 go there? And I was  
NOTE Confidence: 0.98535484

00:53:28.065 --> 00:53:29.445 like, you got a point.  
NOTE Confidence: 0.9815032

00:53:30.560 --> 00:53:31.840 So what I started thinking  
NOTE Confidence: 0.9815032

00:53:31.840 --> 00:53:32.880 about is thinking about it  
NOTE Confidence: 0.9815032

00:53:32.880 --> 00:53:34.000 much more globally and the  
NOTE Confidence: 0.9815032

00:53:34.000 --> 00:53:35.359 workforces that we need. And  
NOTE Confidence: 0.9815032

00:53:35.359 --> 00:53:36.560 and and as we're thinking  
NOTE Confidence: 0.9815032

00:53:36.560 --> 00:53:38.080 about twenty first century things,  
NOTE Confidence: 0.9815032

00:53:38.080 --> 00:53:39.680 it's funny. Almost every other  
NOTE Confidence: 0.9815032

00:53:39.680 --> 00:53:41.780 industry is thinking about themselves  
NOTE Confidence: 0.9815032

00:53:41.840 --> 00:53:43.520 differently, but we still are  
NOTE Confidence: 0.9815032

00:53:43.520 --> 00:53:44.895 stuck in the twentieth century.  
NOTE Confidence: 0.9815032

00:53:45.135 --> 00:53:46.255 So it's how do we  
NOTE Confidence: 0.9815032

00:53:46.255 --> 00:53:47.295 push things? How do we  
NOTE Confidence: 0.9815032

00:53:47.295 --> 00:53:48.495 use by the way, it's  
NOTE Confidence: 0.9815032

00:53:48.495 --> 00:53:50.094 not just technology. I believe

NOTE Confidence: 0.9815032  
00:53:50.094 --> 00:53:50.835 in high-tech,  
NOTE Confidence: 0.9613512  
00:53:51.775 --> 00:53:53.135 but what we think about  
NOTE Confidence: 0.9613512  
00:53:53.135 --> 00:53:54.895 high-tech needs an infrastructure of  
NOTE Confidence: 0.9613512  
00:53:54.895 --> 00:53:55.635 high touch.  
NOTE Confidence: 0.98301435  
00:53:56.735 --> 00:53:58.335 And while we're driving AI  
NOTE Confidence: 0.98301435  
00:53:58.335 --> 00:53:59.614 and wearables and all these  
NOTE Confidence: 0.98301435  
00:53:59.614 --> 00:54:01.210 other things, the reality is  
NOTE Confidence: 0.98301435  
00:54:01.210 --> 00:54:02.410 if you've never been to  
NOTE Confidence: 0.98301435  
00:54:02.410 --> 00:54:02.989 a Brunswick,  
NOTE Confidence: 0.965936  
00:54:03.370 --> 00:54:05.050 Virginia where your cell phone  
NOTE Confidence: 0.965936  
00:54:05.050 --> 00:54:06.969 stops working I was literally  
NOTE Confidence: 0.965936  
00:54:06.969 --> 00:54:08.250 in Brunswick, and my cell  
NOTE Confidence: 0.965936  
00:54:08.250 --> 00:54:09.450 phone stopped working. And I  
NOTE Confidence: 0.965936  
00:54:09.450 --> 00:54:10.170 was like, I know I  
NOTE Confidence: 0.965936  
00:54:10.170 --> 00:54:11.210 paid my bills, so I  
NOTE Confidence: 0.965936

00:54:11.210 --> 00:54:12.250 asked what and the guy  
NOTE Confidence: 0.965936

00:54:12.250 --> 00:54:13.050 said, no. No. No. We  
NOTE Confidence: 0.965936

00:54:13.050 --> 00:54:14.590 don't have broadband out here.  
NOTE Confidence: 0.9422637

00:54:15.174 --> 00:54:15.674 So,  
NOTE Confidence: 0.9943289

00:54:16.055 --> 00:54:18.315 again, high-tech is wonderful,  
NOTE Confidence: 0.98884344

00:54:19.414 --> 00:54:21.015 but it has impact only  
NOTE Confidence: 0.98884344

00:54:21.015 --> 00:54:22.614 when there's an infrastructure of  
NOTE Confidence: 0.98884344

00:54:22.614 --> 00:54:23.734 high touch to allow it  
NOTE Confidence: 0.98884344

00:54:23.734 --> 00:54:24.934 to work. So I am  
NOTE Confidence: 0.98884344

00:54:24.934 --> 00:54:26.055 so with you about thinking  
NOTE Confidence: 0.98884344

00:54:26.055 --> 00:54:27.275 about general workforces  
NOTE Confidence: 0.9875187

00:54:27.654 --> 00:54:28.875 of how we can actually  
NOTE Confidence: 0.9875187

00:54:28.934 --> 00:54:29.434 expand,  
NOTE Confidence: 0.99901813

00:54:29.840 --> 00:54:30.960 in the twenty first century  
NOTE Confidence: 0.99901813

00:54:30.960 --> 00:54:31.780 to make impact.  
NOTE Confidence: 0.9442482

00:54:32.080 --> 00:54:33.040 Thank you. Thank you. By

NOTE Confidence: 0.9442482

00:54:33.040 --> 00:54:33.920 the way, that happens to

NOTE Confidence: 0.9442482

00:54:33.920 --> 00:54:34.719 your phone when you walk

NOTE Confidence: 0.9442482

00:54:34.719 --> 00:54:35.860 down the hall here too.

NOTE Confidence: 0.9442482

00:54:36.080 --> 00:54:36.900 Yeah. Anne?

NOTE Confidence: 0.99448246

00:54:38.160 --> 00:54:40.000 Great talk. Really inspiring. Thank

NOTE Confidence: 0.99448246

00:54:40.000 --> 00:54:40.500 you.

NOTE Confidence: 0.96134585

00:54:41.040 --> 00:54:42.494 You mentioned just two two

NOTE Confidence: 0.96134585

00:54:42.494 --> 00:54:44.174 questions. One, you mentioned rural

NOTE Confidence: 0.96134585

00:54:44.174 --> 00:54:45.614 communities, and I wondered if

NOTE Confidence: 0.96134585

00:54:45.614 --> 00:54:46.815 you could share a little

NOTE Confidence: 0.96134585

00:54:46.815 --> 00:54:48.174 bit more about because that's

NOTE Confidence: 0.96134585

00:54:48.174 --> 00:54:50.035 really important. And then secondly,

NOTE Confidence: 0.9306202

00:54:51.055 --> 00:54:52.255 and you are also touched

NOTE Confidence: 0.9306202

00:54:52.255 --> 00:54:54.030 on it, but thinking about

NOTE Confidence: 0.9306202

00:54:54.350 --> 00:54:55.489 possible interventions,

NOTE Confidence: 0.9981516

00:54:56.030 --> 00:54:56.530 telehealth  
NOTE Confidence: 0.96549135

00:54:57.150 --> 00:54:58.430 or AI, you know, what  
NOTE Confidence: 0.96549135

00:54:58.430 --> 00:54:59.330 are things that  
NOTE Confidence: 0.95810765

00:54:59.710 --> 00:55:01.070 where where we could mitigate  
NOTE Confidence: 0.95810765

00:55:01.070 --> 00:55:02.610 some of these DNA factors?  
NOTE Confidence: 0.8858865

00:55:03.070 --> 00:55:03.790 Yeah. You know,  
NOTE Confidence: 0.9874923

00:55:04.510 --> 00:55:05.550 this is just to get  
NOTE Confidence: 0.9874923

00:55:05.550 --> 00:55:06.530 way out there.  
NOTE Confidence: 0.9127724

00:55:07.205 --> 00:55:08.105 But rural,  
NOTE Confidence: 0.9916947

00:55:08.485 --> 00:55:09.385 I am actually  
NOTE Confidence: 0.9693198

00:55:09.964 --> 00:55:10.464 really  
NOTE Confidence: 0.98156923

00:55:11.205 --> 00:55:12.805 it's a passion for me  
NOTE Confidence: 0.98156923

00:55:12.805 --> 00:55:15.045 because people think rural is  
NOTE Confidence: 0.98156923

00:55:15.045 --> 00:55:15.545 just  
NOTE Confidence: 0.9915662

00:55:16.405 --> 00:55:17.305 almost homogeneous.  
NOTE Confidence: 0.93976015

00:55:18.005 --> 00:55:19.045 You think of a rural

NOTE Confidence: 0.93976015

00:55:19.045 --> 00:55:20.485 community almost like watching Green

NOTE Confidence: 0.93976015

00:55:20.485 --> 00:55:21.525 Acres. And for those who

NOTE Confidence: 0.93976015

00:55:21.525 --> 00:55:22.580 are young, that sounds like,

NOTE Confidence: 0.93976015

00:55:22.580 --> 00:55:23.300 what the hell is Green

NOTE Confidence: 0.93976015

00:55:23.300 --> 00:55:24.020 Acres? You look it up

NOTE Confidence: 0.93976015

00:55:24.020 --> 00:55:24.680 on YouTube.

NOTE Confidence: 0.9587757

00:55:27.140 --> 00:55:28.820 It's very different. What you

NOTE Confidence: 0.9587757

00:55:28.820 --> 00:55:29.940 have in the west, what

NOTE Confidence: 0.9587757

00:55:29.940 --> 00:55:30.820 I have in the south,

NOTE Confidence: 0.9587757

00:55:30.820 --> 00:55:32.260 particularly along that I ninety

NOTE Confidence: 0.9587757

00:55:32.260 --> 00:55:34.020 five corridor, where you think

NOTE Confidence: 0.9587757

00:55:34.020 --> 00:55:35.239 about South Carolina,

NOTE Confidence: 0.84157133

00:55:35.975 --> 00:55:37.355 Virginia, North Carolina.

NOTE Confidence: 0.998727

00:55:37.815 --> 00:55:39.594 It's a very different mixture

NOTE Confidence: 0.9286591

00:55:40.215 --> 00:55:40.955 of rurality.

NOTE Confidence: 0.99283254

00:55:41.895 --> 00:55:43.255 And yet or when you  
NOTE Confidence: 0.99283254

00:55:43.255 --> 00:55:44.315 go way to,  
NOTE Confidence: 0.82226735

00:55:44.695 --> 00:55:45.435 the northeast.  
NOTE Confidence: 0.9333782

00:55:45.735 --> 00:55:46.935 But we treat it almost  
NOTE Confidence: 0.9333782

00:55:46.935 --> 00:55:47.594 the same.  
NOTE Confidence: 0.90135205

00:55:48.090 --> 00:55:49.930 So, with the National Cancer  
NOTE Confidence: 0.90135205

00:55:49.930 --> 00:55:51.050 Policy Form and well, I'm  
NOTE Confidence: 0.90135205

00:55:51.050 --> 00:55:52.410 gonna I'm gonna knock you  
NOTE Confidence: 0.90135205

00:55:52.410 --> 00:55:53.770 out right. So we've been  
NOTE Confidence: 0.90135205

00:55:53.770 --> 00:55:55.210 talking a lot about bringing  
NOTE Confidence: 0.90135205

00:55:55.210 --> 00:55:56.590 more attention to  
NOTE Confidence: 0.94497883

00:55:56.970 --> 00:55:58.489 not only world communities, but  
NOTE Confidence: 0.94497883

00:55:58.489 --> 00:56:00.265 the differences in them, which  
NOTE Confidence: 0.94497883

00:56:00.265 --> 00:56:01.565 also may actually,  
NOTE Confidence: 0.9980744

00:56:02.025 --> 00:56:02.525 influence  
NOTE Confidence: 0.9993576

00:56:03.065 --> 00:56:03.805 the approaches

NOTE Confidence: 0.9500243  
00:56:04.425 --> 00:56:05.545 because they're not all the  
NOTE Confidence: 0.9500243  
00:56:05.545 --> 00:56:06.045 same.  
NOTE Confidence: 0.9980984  
00:56:06.585 --> 00:56:08.185 To your last point, I  
NOTE Confidence: 0.9980984  
00:56:08.185 --> 00:56:09.945 am super excited that we  
NOTE Confidence: 0.9980984  
00:56:09.945 --> 00:56:11.545 have not really pushed the  
NOTE Confidence: 0.9980984  
00:56:11.545 --> 00:56:13.065 envelope yet of what we  
NOTE Confidence: 0.9980984  
00:56:13.065 --> 00:56:14.425 are possibly able to do  
NOTE Confidence: 0.9980984  
00:56:14.425 --> 00:56:15.565 within rural communities  
NOTE Confidence: 0.9773792  
00:56:15.920 --> 00:56:17.540 by the using of technology,  
NOTE Confidence: 0.99940675  
00:56:18.160 --> 00:56:19.360 but by the focus on  
NOTE Confidence: 0.99940675  
00:56:19.360 --> 00:56:20.100 the infrastructure  
NOTE Confidence: 0.93758065  
00:56:20.960 --> 00:56:22.100 that is required.  
NOTE Confidence: 0.9961077  
00:56:22.640 --> 00:56:24.180 Having just a telemonitor  
NOTE Confidence: 0.9759981  
00:56:24.960 --> 00:56:26.480 without a broadband or having  
NOTE Confidence: 0.9759981  
00:56:26.480 --> 00:56:27.060 a wearable  
NOTE Confidence: 0.95275104

00:56:27.360 --> 00:56:28.960 that kinda works, but but  
NOTE Confidence: 0.95275104

00:56:28.960 --> 00:56:30.355 actually having I know this  
NOTE Confidence: 0.95275104

00:56:30.355 --> 00:56:31.875 is gonna sound crazy, but  
NOTE Confidence: 0.95275104

00:56:31.875 --> 00:56:33.975 having a centrally located place  
NOTE Confidence: 0.95275104

00:56:34.035 --> 00:56:35.795 where people can actually go  
NOTE Confidence: 0.95275104

00:56:35.795 --> 00:56:36.755 in and maybe get their  
NOTE Confidence: 0.95275104

00:56:36.755 --> 00:56:37.635 blood drawn and all the  
NOTE Confidence: 0.95275104

00:56:37.635 --> 00:56:38.515 rest of that stuff, it  
NOTE Confidence: 0.95275104

00:56:38.515 --> 00:56:39.335 sounds futuristic.  
NOTE Confidence: 0.9853866

00:56:39.635 --> 00:56:41.075 But I'm literally thinking about  
NOTE Confidence: 0.9853866

00:56:41.075 --> 00:56:41.955 not how people get to  
NOTE Confidence: 0.9853866

00:56:41.955 --> 00:56:42.730 us, but how do we  
NOTE Confidence: 0.9853866

00:56:42.730 --> 00:56:44.010 take care out to them.  
NOTE Confidence: 0.9853866

00:56:44.010 --> 00:56:45.050 But, again, a lot of  
NOTE Confidence: 0.9853866

00:56:45.050 --> 00:56:46.170 that is built on structure  
NOTE Confidence: 0.9853866

00:56:46.170 --> 00:56:47.070 and infrastructure

NOTE Confidence: 0.9903238

00:56:47.610 --> 00:56:48.410 to be able to use

NOTE Confidence: 0.9903238

00:56:48.410 --> 00:56:49.850 the technologies. And so far,

NOTE Confidence: 0.9903238

00:56:49.850 --> 00:56:50.890 most of the conversations have

NOTE Confidence: 0.9903238

00:56:50.890 --> 00:56:52.090 been about the tech, but

NOTE Confidence: 0.9903238

00:56:52.090 --> 00:56:53.790 not the infrastructure of touch.

NOTE Confidence: 0.89860207

00:56:54.844 --> 00:56:56.045 Great. I think we're at

NOTE Confidence: 0.89860207

00:56:56.045 --> 00:56:56.545 tonight.

NOTE Confidence: 0.92491674

00:56:56.844 --> 00:56:57.964 I'm sorry. I can probably

NOTE Confidence: 0.92491674

00:56:57.964 --> 00:56:58.765 talk too much. No. That's

NOTE Confidence: 0.92491674

00:56:58.765 --> 00:56:59.565 great. I think that's a

NOTE Confidence: 0.92491674

00:56:59.565 --> 00:57:00.125 good idea. I think I'll

NOTE Confidence: 0.92491674

00:57:00.125 --> 00:57:01.424 move to a rural community.

NOTE Confidence: 0.955446

00:57:02.045 --> 00:57:03.244 So, actually, I wanna thank

NOTE Confidence: 0.955446

00:57:03.244 --> 00:57:04.444 Rob. He's actually moving to

NOTE Confidence: 0.955446

00:57:04.444 --> 00:57:05.805 Fox Chase when in the

NOTE Confidence: 0.955446

00:57:05.805 --> 00:57:07.325 summer? July one. He'll be  
NOTE Confidence: 0.955446

00:57:07.325 --> 00:57:08.204 the director there right up  
NOTE Confidence: 0.955446

00:57:08.204 --> 00:57:09.244 the train from us.  
NOTE Confidence: 0.9743465

00:57:09.724 --> 00:57:10.739 Thank you all very much.  
NOTE Confidence: 0.9743465

00:57:10.739 --> 00:57:11.719 If you want more questions,  
NOTE Confidence: 0.9743465

00:57:11.940 --> 00:57:13.300 everyone's welcome to the brewing  
NOTE Confidence: 0.9743465

00:57:13.300 --> 00:57:15.060 connections. We have coffee. We  
NOTE Confidence: 0.9743465

00:57:15.060 --> 00:57:16.660 have muffins and things, and  
NOTE Confidence: 0.9743465

00:57:16.660 --> 00:57:17.780 we're gonna talk about anything  
NOTE Confidence: 0.9743465

00:57:17.780 --> 00:57:18.740 you want. It's an open  
NOTE Confidence: 0.9743465

00:57:18.740 --> 00:57:20.840 discussion. Robert, thank you Calabresi  
NOTE Confidence: 0.9743465

00:57:21.060 --> 00:57:22.500 family. It's this is a  
NOTE Confidence: 0.9743465

00:57:22.500 --> 00:57:24.180 wonderful tradition. We'll continue it  
NOTE Confidence: 0.9743465

00:57:24.180 --> 00:57:25.060 on. Thank you all for  
NOTE Confidence: 0.9743465

00:57:25.060 --> 00:57:26.473 coming today. Likewise.