WEBVTT

NOTE duration:"01:00:43.2640000"

NOTE language:en-us

NOTE Confidence: 0.8537123

00:00:00.000 --> 00:00:01.410 Smilow town Hall.

NOTE Confidence: 0.8537123

00:00:01.410 --> 00:00:05.290 And before I introduce our our special guest,

NOTE Confidence: 0.8537123

00:00:05.290 --> 00:00:09.630 just want to let people know that?

NOTE Confidence: 0.8537123

00:00:09.630 --> 00:00:11.268 You know we'll have, will we?

NOTE Confidence: 0.8537123

00:00:11.270 --> 00:00:13.727 We took a bit of a break in August,

NOTE Confidence: 0.8537123

00:00:13.730 --> 00:00:16.530 will be getting back to the full schedule.

NOTE Confidence: 0.8537123

00:00:16.530 --> 00:00:17.538 Probably at coming,

NOTE Confidence: 0.8537123

00:00:17.538 --> 00:00:19.890 town halls will update on the clinical

NOTE Confidence: 0.8537123

00:00:19.950 --> 00:00:21.802 transformation efforts updates on

NOTE Confidence: 0.8537123

00:00:21.802 --> 00:00:23.654 our clinical research restart,

NOTE Confidence: 0.8537123

00:00:23.660 --> 00:00:26.500 but one reminder I want to make for

NOTE Confidence: 0.8537123

00:00:26.500 --> 00:00:29.326 everyone on the call and also tell

NOTE Confidence: 0.8537123

00:00:29.326 --> 00:00:31.970 your friends are team challenge awards,

NOTE Confidence: 0.8537123

00:00:31.970 --> 00:00:34.560 which is our our next round of

NOTE Confidence: 0.8537123

00:00:34.560 --> 00:00:37.120 pilot grants to launch new teams.

NOTE Confidence: 0.8537123

00:00:37.120 --> 00:00:39.100 Focus on a pivotal trial.

NOTE Confidence: 0.8537123

00:00:39.100 --> 00:00:41.356 The deadline for the letters of

NOTE Confidence: 0.8537123

00:00:41.356 --> 00:00:44.167 intent as a reminder is October 1st

NOTE Confidence: 0.8537123

00:00:44.167 --> 00:00:46.627 and people if people have questions,

NOTE Confidence: 0.8537123

00:00:46.630 --> 00:00:48.067 please email us.

NOTE Confidence: 0.8537123

00:00:48.067 --> 00:00:50.462 This is really an important

NOTE Confidence: 0.8537123

00:00:50.462 --> 00:00:52.962 initiative for us and we really

NOTE Confidence: 0.8537123

00:00:52.962 --> 00:00:55.593 want to enable as many teams as

NOTE Confidence: 0.8537123

00:00:55.593 --> 00:00:58.078 we can for this for this effort.

NOTE Confidence: 0.8537123

00:00:58.080 --> 00:01:00.691 So let me now introduce our special

NOTE Confidence: 0.8537123

00:01:00.691 --> 00:01:03.368 guests in Speaker Doctor Ned Sharpless,

NOTE Confidence: 0.8537123

00:01:03.370 --> 00:01:06.107 as many of you know is probably

NOTE Confidence: 0.8537123

00:01:06.107 --> 00:01:07.840 all of you know,

NOTE Confidence: 0.8537123

00:01:07.840 --> 00:01:10.006 doctor sharp list was nominated and

NOTE Confidence: 0.8537123

2

00:01:10.006 --> 00:01:13.301 sworn in as the 15th director of the

NOTE Confidence: 0.8537123

00:01:13.301 --> 00:01:15.971 National Cancer Institute in October 2017.

NOTE Confidence: 0.8537123

00:01:15.980 --> 00:01:18.829 Prior to his appointment as NCI Director,

NOTE Confidence: 0.8537123

00:01:18.830 --> 00:01:22.166 Ned served as the director of the lineberger.

NOTE Confidence: 0.8537123

00:01:22.170 --> 00:01:24.685 Comprehensive Cancer Center at the

NOTE Confidence: 0.8537123

00:01:24.685 --> 00:01:27.200 University of North Carolina where

NOTE Confidence: 0.8537123

00:01:27.274 --> 00:01:29.680 he held that position since 2014.

NOTE Confidence: 0.8537123

00:01:29.680 --> 00:01:32.392 Needs background was he received his

NOTE Confidence: 0.8537123

00:01:32.392 --> 00:01:36.108 medical degree at at UNC School of Medicine,

NOTE Confidence: 0.8537123

00:01:36.110 --> 00:01:38.400 then did his residency at

NOTE Confidence: 0.8537123

00:01:38.400 --> 00:01:39.774 Massachusetts General Hospital,

NOTE Confidence: 0.8537123

00:01:39.780 --> 00:01:41.612 his medical Oncology Fellowship

NOTE Confidence: 0.8537123

00:01:41.612 --> 00:01:42.986 at Dana Farber,

NOTE Confidence: 0.8537123

00:01:42.990 --> 00:01:45.750 then joining the faculty at Harvard,

NOTE Confidence: 0.8537123

00:01:45.750 --> 00:01:48.045 and then then being recruited

NOTE Confidence: 0.8537123

00:01:48.045 --> 00:01:50.340 to the faculty at UNC,

00:01:50.340 --> 00:01:53.020 where Hilton became the welcome

00:01:53.020 --> 00:01:55.164 professor of Cancer Research.

00:01:55.170 --> 00:01:56.661 Beyond those accomplishments,

00:01:56.661 --> 00:01:59.643 Ned has had a prolific karere

00:01:59.643 --> 00:02:01.510 in Cancer Research,

00:02:01.510 --> 00:02:04.145 having studied important pivotal aspects

00:02:04.145 --> 00:02:06.786 of Cancer Biology, generating novel,

00:02:06.786 --> 00:02:08.898 genetically engineered mouse models,

00:02:08.900 --> 00:02:10.964 studying the agent cancer,

00:02:10.964 --> 00:02:13.028 and frankly translating that

00:02:13.028 --> 00:02:15.758 work really into clinical impact,

00:02:15.760 --> 00:02:17.611 among other things.

00:02:17.611 --> 00:02:23.419 Sorry, my lights go out when I don't move.

00:02:23.420 --> 00:02:24.554 Have beyond that,

00:02:24.554 --> 00:02:26.444 starting companies that actually could

00:02:26.444 --> 00:02:29.149 move that great science into clinical care.

NOTE Confidence: 0.8537123

00:02:29.150 --> 00:02:32.206 If that wasn't enough to keep you busy,

NOTE Confidence: 0.8537123

00:02:32.210 --> 00:02:34.513 bee probably all know that in 2019

NOTE Confidence: 0.8537123

00:02:34.513 --> 00:02:36.983 Ned was also the acting commissioner

NOTE Confidence: 0.8537123

00:02:36.983 --> 00:02:39.797 for the Food and Drug Administration

NOTE Confidence: 0.8537123

00:02:39.797 --> 00:02:41.985 before again returning to being

NOTE Confidence: 0.8537123

00:02:41.985 --> 00:02:43.215 NCI director in.

NOTE Confidence: 0.8537123

00:02:43.220 --> 00:02:45.434 We asked her to join us today to give

NOTE Confidence: 0.8537123

00:02:45.434 --> 00:02:47.462 us an update on the perspectives

NOTE Confidence: 0.8537123

00:02:47.462 --> 00:02:49.618 from the NCI going forward and

NOTE Confidence: 0.8537123

00:02:49.618 --> 00:02:51.832 and that obviously will also be

NOTE Confidence: 0.8537123

00:02:51.832 --> 00:02:52.939 available for questions.

NOTE Confidence: 0.8537123

00:02:52.940 --> 00:02:54.560 So Ned welcome to Smilow,

NOTE Confidence: 0.8537123

00:02:54.560 --> 00:02:57.504 at least an Yale on a virtual standpoint

NOTE Confidence: 0.8537123

00:02:57.504 --> 00:02:59.719 and thank you for doing this.

NOTE Confidence: 0.8537123

00:02:59.720 --> 00:03:00.090 Well,

NOTE Confidence: 0.8427081

00:03:00.090 --> 00:03:01.940 thank you for having me.

NOTE Confidence: 0.8427081

00:03:01.940 --> 00:03:05.270 It's great to be back at Yale at least.

NOTE Confidence: 0.8427081

00:03:05.270 --> 00:03:07.950 Virtually this is as good as it gets

NOTE Confidence: 0.8427081

00:03:07.950 --> 00:03:10.450 during the pandemic. I guess I'm

NOTE Confidence: 0.8427081

00:03:10.450 --> 00:03:12.670 really glad to actually speak today.

NOTE Confidence: 0.8427081

00:03:12.670 --> 00:03:15.029 I thought I'd take some time to

NOTE Confidence: 0.8427081

00:03:15.029 --> 00:03:17.478 talk about some NCI ongoing issues,

NOTE Confidence: 0.8427081

00:03:17.480 --> 00:03:20.246 including the response to the pandemic.

NOTE Confidence: 0.8427081

00:03:20.250 --> 00:03:23.085 Uh, as well as some new things coming out.

NOTE Confidence: 0.8427081

00:03:23.090 --> 00:03:24.685 The National Cancer Institute and

NOTE Confidence: 0.8427081

00:03:24.685 --> 00:03:27.498 a word or two at the end about our.

NOTE Confidence: 0.8427081

00:03:27.500 --> 00:03:29.354 Our budget and immediate upcoming plans

NOTE Confidence: 0.8427081

00:03:29.354 --> 00:03:31.589 that I think are relevant to Yale.

NOTE Confidence: 0.8427081

00:03:31.590 --> 00:03:33.905 My slides around somewhere where

NOTE Confidence: 0.8427081

00:03:33.905 --> 00:03:36.220 we get the slides up.

NOTE Confidence: 0.8427081

00:03:36.220 --> 00:03:40.655 Thank you. So next slide please.

NOTE Confidence: 0.8427081

00:03:40.655 --> 00:03:44.470 So I often start talk like this

NOTE Confidence: 0.8427081

00:03:44.579 --> 00:03:47.717 by showing everyone where we are

NOTE Confidence: 0.8427081

00:03:47.717 --> 00:03:51.119 in terms of the NCI budget.

NOTE Confidence: 0.8427081

00:03:51.120 --> 00:03:54.948 This year is a more complicated

NOTE Confidence: 0.8427081

00:03:54.948 --> 00:03:56.862 funding year than.

NOTE Confidence: 0.8427081

00:03:56.870 --> 00:03:58.625 Certainly any I've been involved

NOTE Confidence: 0.8427081

00:03:58.625 --> 00:04:00.853 with in government because of the

NOTE Confidence: 0.8427081

00:04:00.853 --> 00:04:02.893 pandemic is really the appropriations

NOTE Confidence: 0.8427081

00:04:02.893 --> 00:04:04.525 process is always interesting.

NOTE Confidence: 0.8427081

00:04:04.530 --> 00:04:05.236 This year.

NOTE Confidence: 0.8427081

00:04:05.236 --> 00:04:07.354 It's a particularly so this slide

NOTE Confidence: 0.8427081

00:04:07.354 --> 00:04:09.769 shows the NCI Budget since 2013 and

NOTE Confidence: 0.8427081

00:04:09.769 --> 00:04:12.480 shows a nice increase in funding for

NOTE Confidence: 0.8427081

00:04:12.480 --> 00:04:14.488 Cancer Research throughout period.

NOTE Confidence: 0.8427081

00:04:14.490 --> 00:04:17.322 I think this is really a testimony to

NOTE Confidence: 0.8427081

00:04:17.322 --> 00:04:19.354 the bipartisan support in Congress

NOTE Confidence: 0.8427081

00:04:19.354 --> 00:04:21.850 for the National Cancer Institute work

NOTE Confidence: 0.8427081

00:04:21.850 --> 00:04:24.447 we do to try and cancer suffering.

NOTE Confidence: 0.8427081

00:04:24.450 --> 00:04:26.736 It shows the Orange bar here.

NOTE Confidence: 0.8427081

00:04:26.740 --> 00:04:27.874 Appearing is the.

NOTE Confidence: 0.8427081

00:04:27.874 --> 00:04:30.120 Cancer moon shot 20% secures which

NOTE Confidence: 0.8427081

00:04:30.120 --> 00:04:32.675 is a 1.7 billion dollar package over

NOTE Confidence: 0.8427081

00:04:32.675 --> 00:04:34.704 seven years and goes beyond 2021

NOTE Confidence: 0.8427081

00:04:34.704 --> 00:04:37.062 and then also the slim green bar

NOTE Confidence: 0.8427081

00:04:37.062 --> 00:04:39.477 that appeared in 20 is the childhood

NOTE Confidence: 0.8427081

00:04:39.477 --> 00:04:41.138 cancer data initiative which we

NOTE Confidence: 0.8427081

00:04:41.138 --> 00:04:43.532 really just begun was a White House

NOTE Confidence: 0.8427081

00:04:43.532 --> 00:04:46.080 like priority and it's been a very

NOTE Confidence: 0.8427081

00:04:46.080 --> 00:04:47.888 exciting initiative to try and

NOTE Confidence: 0.8427081

00:04:47.888 --> 00:04:49.922 really maximal use cancer data for

NOTE Confidence: 0.8427081

00:04:49.922 --> 00:04:51.431 benefiting pediatric cancer patients.

NOTE Confidence: 0.8427081

00:04:51.431 --> 00:04:54.617 Uh 21's house mark so that the the

NOTE Confidence: 0.8427081

00:04:54.617 --> 00:04:55.838 appropriations package approved

NOTE Confidence: 0.8427081

00:04:55.838 --> 00:04:59.100 by the house is shown in the light

NOTE Confidence: 0.8427081

00:04:59.100 --> 00:05:01.338 blue here that includes moon shot

NOTE Confidence: 0.8427081

00:05:01.338 --> 00:05:02.830 funding and CCD funding,

NOTE Confidence: 0.8427081

00:05:02.830 --> 00:05:05.420 and the base appropriation for the NCI.

NOTE Confidence: 0.8427081

00:05:05.420 --> 00:05:05.790 Importantly,

NOTE Confidence: 0.8427081

00:05:05.790 --> 00:05:08.010 within that funding is 440 million

NOTE Confidence: 0.8427081

00:05:08.010 --> 00:05:09.845 dollars of so called emergency

NOTE Confidence: 0.8427081

00:05:09.845 --> 00:05:11.813 funding that the NCI would use

NOTE Confidence: 0.8427081

00:05:11.813 --> 00:05:13.930 to for pandemic related costs.

NOTE Confidence: 0.8427081

00:05:13.930 --> 00:05:14.686 You know,

NOTE Confidence: 0.8427081

00:05:14.686 --> 00:05:16.198 restarting clinical trials and

NOTE Confidence: 0.8427081

00:05:16.198 --> 00:05:18.472 training costs that have been caused

NOTE Confidence: 0.8427081

00:05:18.472 --> 00:05:20.217 by disruption of the pandemic.

NOTE Confidence: 0.8427081

00:05:20.220 --> 00:05:22.626 It is not clear that this.

NOTE Confidence: 0.8427081

00:05:22.630 --> 00:05:24.214 This package will ever get past

NOTE Confidence: 0.8427081

00:05:24.214 --> 00:05:26.021 as the Senate has not taken

NOTE Confidence: 0.8427081

00:05:26.021 --> 00:05:27.056 up appropriations yet.

NOTE Confidence: 0.8427081

00:05:27.060 --> 00:05:29.204 Now it's very clear we will not have

NOTE Confidence: 0.8427081

00:05:29.204 --> 00:05:31.066 a federal budget by the beginning

NOTE Confidence: 0.8427081

00:05:31.066 --> 00:05:32.956 of fiscal year in October 1st,

NOTE Confidence: 0.8427081

00:05:32.960 --> 00:05:34.913 and we will be in a continuing

NOTE Confidence: 0.8427081

00:05:34.913 --> 00:05:36.200 resolution for some period.

NOTE Confidence: 0.8427081

00:05:36.200 --> 00:05:36.740 You know,

NOTE Confidence: 0.8427081

00:05:36.740 --> 00:05:38.360 funding at the 2020 level until

NOTE Confidence: 0.8427081

00:05:38.360 --> 00:05:39.912 Congress can pass an appropriations

NOTE Confidence: 0.8427081

00:05:39.912 --> 00:05:41.507 budget that is not uncommon.

NOTE Confidence: 0.8427081

00:05:41.510 --> 00:05:43.280 In fact, I think every year,

NOTE Confidence: 0.8427081

00:05:43.280 --> 00:05:44.760 except maybe two years ago,

NOTE Confidence: 0.8427081

00:05:44.760 --> 00:05:47.120 we had a CR for some extended period,

NOTE Confidence: 0.8427081

00:05:47.120 --> 00:05:48.890 so that is certainly how will

NOTE Confidence: 0.8427081

00:05:48.890 --> 00:05:50.070 be ending this year.

NOTE Confidence: 0.8427081

00:05:50.070 --> 00:05:51.840 As I mentioned at the end,

NOTE Confidence: 0.8427081

00:05:51.840 --> 00:05:53.922 I think there is a reason

NOTE Confidence: 0.8427081

00:05:53.922 --> 00:05:56.019 why the instance I need to.

NOTE Confidence: 0.8427081

00:05:56.020 --> 00:05:57.975 Continued strong support from Congress

NOTE Confidence: 0.8427081

00:05:57.975 --> 00:06:00.595 in the funding area because of our

NOTE Confidence: 0.8427081

00:06:00.595 --> 00:06:02.407 goals to really try and increase

NOTE Confidence: 0.8427081

00:06:02.407 --> 00:06:04.200 funding the external community,

NOTE Confidence: 0.8427081

00:06:04.200 --> 00:06:05.740 particularly in the RPG.

NOTE Confidence: 0.8427081

00:06:05.740 --> 00:06:08.050 Pulled apart of the NCI funding

NOTE Confidence: 0.7707275

00:06:08.122 --> 00:06:10.530 that pays Ferraro ones in peo ones,

NOTE Confidence: 0.7707275

00:06:10.530 --> 00:06:12.014 and the investigator initiated

NOTE Confidence: 0.7707275

00:06:12.014 --> 00:06:15.868 cyantific rains. Next slide, please.

NOTE Confidence: 0.7707275

00:06:15.870 --> 00:06:18.488 We've seen a lot of media coverage,

NOTE Confidence: 0.7707275

00:06:18.490 --> 00:06:20.360 you know, and rightly so,

NOTE Confidence: 0.7707275

00:06:20.360 --> 00:06:22.440 about the pandemics effect on

NOTE Confidence: 0.7707275

00:06:22.440 --> 00:06:24.909 cancer patients and show I'm going

NOTE Confidence: 0.7707275

00:06:24.909 --> 00:06:27.453 to show a little bit of that here.

NOTE Confidence: 0.7707275

00:06:27.460 --> 00:06:30.232 So this is an analysis that was done by

NOTE Confidence: 0.7707275

00:06:30.232 --> 00:06:33.076 the National Cancer astuces. Net network,

NOTE Confidence: 0.7707275

00:06:33.076 --> 00:06:35.314 which is a cancer modelling group.

NOTE Confidence: 0.7707275

00:06:35.320 --> 00:06:37.658 It's both intramural neral within CI and

NOTE Confidence: 0.7707275

00:06:37.658 --> 00:06:39.956 working rocky for your colleagues working

NOTE Confidence: 0.7707275

00:06:39.956 --> 00:06:42.416 with scientists at Michigan and Harvard,

NOTE Confidence: 0.7707275

00:06:42.420 --> 00:06:44.922 sort of estimated the impact of

NOTE Confidence: 0.7707275

00:06:44.922 --> 00:06:47.080 disruptions to cancer care on

NOTE Confidence: 0.7707275

00:06:47.080 --> 00:06:49.546 outcomes for breast and colon cancer.

NOTE Confidence: 0.7707275

00:06:49.550 --> 00:06:52.223 This is where we had sort of the best

NOTE Confidence: 0.7707275

00:06:52.223 --> 00:06:54.648 modeling available to us and this effort,

NOTE Confidence: 0.7707275

00:06:54.650 --> 00:06:56.250 which you know we did.

NOTE Confidence: 0.7707275

00:06:56.250 --> 00:06:58.278 We started several months ago when

NOTE Confidence: 0.7707275

00:06:58.278 --> 00:07:00.339 early in the pandemic suggested that

NOTE Confidence: 0.7707275

00:07:00.339 --> 00:07:02.579 we would likely see about on the

NOTE Confidence: 0.7707275

00:07:02.579 --> 00:07:04.482 order of 1% excess deaths from those

NOTE Confidence: 0.7707275

00:07:04.482 --> 00:07:06.780 two cancers over a 10 year period,

NOTE Confidence: 0.7707275

00:07:06.780 --> 00:07:09.260 and there's no reason to believe this is

NOTE Confidence: 0.7707275

00:07:09.260 --> 00:07:11.557 true solely of breast and colon cancer.

NOTE Confidence: 0.7707275

00:07:11.560 --> 00:07:12.960 We suspect similar disruptions,

NOTE Confidence: 0.7707275

00:07:12.960 --> 00:07:15.060 disruptions in care would provide similar

NOTE Confidence: 0.7707275

00:07:15.109 --> 00:07:16.978 bad outcomes for other kinds of cancer,

NOTE Confidence: 0.7707275

00:07:16.980 --> 00:07:19.524 and now we know that the assumptions we

NOTE Confidence: 0.7707275

00:07:19.524 --> 00:07:22.139 built into that modeling effort early on.

NOTE Confidence: 0.7707275

00:07:22.140 --> 00:07:23.730 We're in fact very conservative,

NOTE Confidence: 0.7707275

00:07:23.730 --> 00:07:24.994 so we, for example,

NOTE Confidence: 0.7707275

00:07:24.994 --> 00:07:26.850 estimated only a 75% decrease in

13

NOTE Confidence: 0.7707275

00:07:26.850 --> 00:07:28.915 colonoscopy and we now know that that's

NOTE Confidence: 0.7707275

00:07:28.915 --> 00:07:31.328 been greater than that in many institutions,

NOTE Confidence: 0.7707275

00:07:31.330 --> 00:07:33.325 and we also estimated only a sort

NOTE Confidence: 0.7707275

00:07:33.325 --> 00:07:35.294 of six month disruption to care

NOTE Confidence: 0.7707275

00:07:35.294 --> 00:07:37.039 in terms of new diagnosis.

NOTE Confidence: 0.7707275

00:07:37.040 --> 00:07:39.140 And we now know that this disruption

NOTE Confidence: 0.7707275

00:07:39.140 --> 00:07:41.480 is going to last longer than that.

NOTE Confidence: 0.7707275

00:07:41.480 --> 00:07:43.376 So even using very conservative assumptions,

NOTE Confidence: 0.7707275

00:07:43.380 --> 00:07:45.240 I think it's likely the pandemic

NOTE Confidence: 0.7707275

00:07:45.240 --> 00:07:47.176 will have a significant impact on

NOTE Confidence: 0.7707275

00:07:47.176 --> 00:07:49.084 cancer outcomes for decades to come.

NOTE Confidence: 0.7707275

00:07:49.090 --> 00:07:51.568 Next slide, please.

NOTE Confidence: 0.7707275

00:07:51.570 --> 00:07:52.566 And you know,

NOTE Confidence: 0.7707275

00:07:52.566 --> 00:07:54.226 here's some visuals that Time

NOTE Confidence: 0.7707275

00:07:54.226 --> 00:07:55.948 magazine crafted around this topic.

NOTE Confidence: 0.7707275

00:07:55.950 --> 00:07:57.640 And then I, I think,

NOTE Confidence: 0.7707275

00:07:57.640 --> 00:07:58.314 you know,

NOTE Confidence: 0.7707275

00:07:58.314 --> 00:08:00.336 has been supplemented not only by

NOTE Confidence: 0.7707275

00:08:00.336 --> 00:08:01.010 our analysis,

NOTE Confidence: 0.7707275

00:08:01.010 --> 00:08:03.467 but other other analysis done by other

NOTE Confidence: 0.7707275

00:08:03.467 --> 00:08:05.390 groups using different kinds of data.

NOTE Confidence: 0.7707275

00:08:05.390 --> 00:08:07.466 And I think that the message

NOTE Confidence: 0.7707275

00:08:07.466 --> 00:08:09.235 is really converging to one

NOTE Confidence: 0.7707275

00:08:09.235 --> 00:08:11.119 where we're going to see you.

NOTE Confidence: 0.7707275

00:08:11.120 --> 00:08:13.479 It's really a story in four parts,

NOTE Confidence: 0.7707275

00:08:13.480 --> 00:08:14.820 you'll see decreased screening,

NOTE Confidence: 0.7707275

00:08:14.820 --> 00:08:15.825 decreased new diagnosis,

NOTE Confidence: 0.7707275

00:08:15.830 --> 00:08:16.466 deferred care,

NOTE Confidence: 0.7707275

00:08:16.466 --> 00:08:18.056 and then worsened outcomes in

NOTE Confidence: 0.7707275

00:08:18.056 --> 00:08:19.540 particular worse than mortality.

NOTE Confidence: 0.7707275

00:08:19.540 --> 00:08:22.536 And for those of you more interest

NOTE Confidence: 0.7707275

00:08:22.536 --> 00:08:23.820 in this topic.

NOTE Confidence: 0.7707275

00:08:23.820 --> 00:08:25.440 This Time magazine setup is

NOTE Confidence: 0.7707275

00:08:25.440 --> 00:08:27.060 is nice to look at.

NOTE Confidence: 0.7707275

00:08:27.060 --> 00:08:28.830 We're also worried very much about

NOTE Confidence: 0.7707275

00:08:28.830 --> 00:08:30.620 the topic of cancer morbidity,

NOTE Confidence: 0.7707275

00:08:30.620 --> 00:08:32.240 so while mortality has gotten

NOTE Confidence: 0.7707275

00:08:32.240 --> 00:08:33.536 most of the focus,

NOTE Confidence: 0.7707275

00:08:33.540 --> 00:08:35.437 we have good reason to believe that

NOTE Confidence: 0.7707275

00:08:35.437 --> 00:08:37.427 the burden of Kansas symptomatic burden

NOTE Confidence: 0.7707275

00:08:37.427 --> 00:08:39.653 cancer is also being worsened in

NOTE Confidence: 0.7707275

00:08:39.653 --> 00:08:41.637 patients with cancer by the pandemic.

NOTE Confidence: 0.7707275

00:08:41.640 --> 00:08:42.792 For variety of reasons.

NOTE Confidence: 0.7707275

00:08:42.792 --> 00:08:45.304 And then also the NCS very focused on

NOTE Confidence: 0.7707275

00:08:45.304 --> 00:08:47.464 the issue of cancer health disparities.

NOTE Confidence: 0.7707275

00:08:47.470 --> 00:08:49.090 You know why certain populations

NOTE Confidence: 0.7707275

00:08:49.090 --> 00:08:50.710 have worsened outcomes with cancer,

NOTE Confidence: 0.7707275

00:08:50.710 --> 00:08:52.950 and we have every reason to believe

NOTE Confidence: 0.7707275

00:08:52.950 --> 00:08:54.650 that racial disparities in cancer

NOTE Confidence: 0.7707275

00:08:54.650 --> 00:08:56.684 outcomes that we've long fought against.

NOTE Confidence: 0.7707275

00:08:56.690 --> 00:08:58.810 DNC I will inform unfortunately

NOTE Confidence: 0.7707275

00:08:58.810 --> 00:09:01.466 exacerbated by COVID-19 because of its

NOTE Confidence: 0.7707275

00:09:01.466 --> 00:09:03.342 disproportionate impact on communities

NOTE Confidence: 0.7707275

00:09:03.342 --> 00:09:05.687 of color communities of color.

NOTE Confidence: 0.82680833

00:09:05.690 --> 00:09:07.180 So you know, we really.

NOTE Confidence: 0.82680833

00:09:07.180 --> 00:09:09.168 I think a collectively as a group

NOTE Confidence: 0.82680833

00:09:09.168 --> 00:09:10.368 of terrific institutions like

NOTE Confidence: 0.82680833

00:09:10.368 --> 00:09:12.132 Yale working with the NCI and

NOTE Confidence: 0.82680833

00:09:12.132 --> 00:09:13.410 caregivers throughout the nation.

NOTE Confidence: 0.82680833

00:09:13.410 --> 00:09:15.370 You have to come together and figure

NOTE Confidence: 0.82680833

00:09:15.370 --> 00:09:17.258 out ways that we can innovatively

NOTE Confidence: 0.82680833

00:09:17.258 --> 00:09:19.238 and creatively care for our patients

NOTE Confidence: 0.82680833

00:09:19.238 --> 00:09:21.244 in a way that's safe that won't

NOTE Confidence: 0.82680833

00:09:21.244 --> 00:09:22.912 provide risk to the patients or

NOTE Confidence: 0.82680833

00:09:22.912 --> 00:09:24.096 caregivers for coronavirus infection,

NOTE Confidence: 0.82680833

00:09:24.100 --> 00:09:26.164 but will also really get back

NOTE Confidence: 0.82680833

00:09:26.164 --> 00:09:28.847 to work and get patients in for

NOTE Confidence: 0.82680833

00:09:28.847 --> 00:09:31.295 the care that they need because.

NOTE Confidence: 0.82680833

00:09:31.300 --> 00:09:33.520 The disruption will be significant,

NOTE Confidence: 0.82680833

00:09:33.520 --> 00:09:36.628 had a significant impact on our patients.

NOTE Confidence: 0.82680833

00:09:36.630 --> 00:09:39.738 Next slide, please.

NOTE Confidence: 0.82680833

00:09:39.740 --> 00:09:42.324 I'd like to also mention a few of

NOTE Confidence: 0.82680833

00:09:42.324 --> 00:09:44.912 the NCI's activities related to the

NOTE Confidence: 0.82680833

00:09:44.912 --> 00:09:47.708 pandemic that I think are important.

NOTE Confidence: 0.82680833

00:09:47.710 --> 00:09:48.011 Whoops,

NOTE Confidence: 0.82680833

00:09:48.011 --> 00:09:49.817 that wasn't the slightest expecting OK?

NOTE Confidence: 0.82680833

00:09:49.820 --> 00:09:52.236 Well, let me mention this first that one,

NOTE Confidence: 0.82680833

00:09:52.240 --> 00:09:55.020 yeah, so this is.

NOTE Confidence: 0.82680833

00:09:55.020 --> 00:09:57.124 A number of things in CI is done,

NOTE Confidence: 0.82680833

00:09:57.130 --> 00:09:58.816 so it might not be obvious

NOTE Confidence: 0.82680833

00:09:58.816 --> 00:10:00.110 why the National Cancer 2.

NOTE Confidence: 0.82680833

00:10:00.110 --> 00:10:01.994 Was asked by Congress to work

NOTE Confidence: 0.82680833

00:10:01.994 --> 00:10:02.936 on coronavirus serology.

NOTE Confidence: 0.82680833

00:10:02.940 --> 00:10:05.117 The National Cancer has a long tradition

NOTE Confidence: 0.82680833

00:10:05.117 --> 00:10:07.020 of virology research related to cancer.

NOTE Confidence: 0.82680833

00:10:07.020 --> 00:10:09.524 So for example, uh, as many are aware,

NOTE Confidence: 0.82680833

00:10:09.530 --> 00:10:10.786 HIV was identified in

NOTE Confidence: 0.82680833

00:10:10.786 --> 00:10:11.728 National Cancer Institute.

NOTE Confidence: 0.82680833

00:10:11.730 --> 00:10:13.300 The virus that causes aids,

NOTE Confidence: 0.82680833

00:10:13.300 --> 00:10:15.498 the first therapeutic for HIV was identified.

NOTE Confidence: 0.82680833

00:10:15.500 --> 00:10:16.708 The National Cancer Institute.

NOTE Confidence: 0.82680833

00:10:16.708 --> 00:10:19.383 A lot of the work for HPD was done

NOTE Confidence: 0.82680833

00:10:19.383 --> 00:10:21.252 in this case for it including the

NOTE Confidence: 0.82680833

00:10:21.315 --> 00:10:22.755 intellectual property letter that

NOTE Confidence: 0.82680833

00:10:22.755 --> 00:10:25.275 scene by Doug Lewis and John Schiller.

NOTE Confidence: 0.82680833

00:10:25.275 --> 00:10:28.115 So we have a strong history of our

NOTE Confidence: 0.82680833

00:10:28.115 --> 00:10:30.555 research and we still have a very good.

NOTE Confidence: 0.82680833

00:10:30.560 --> 00:10:31.060 You know,

NOTE Confidence: 0.82680833

00:10:31.060 --> 00:10:32.810 cutting edge state of the art of

NOTE Confidence: 0.82680833

00:10:32.810 --> 00:10:34.246 virus serology lab in Frederick

NOTE Confidence: 0.82680833

00:10:34.246 --> 00:10:36.460 National lab so early in the pandemic.

NOTE Confidence: 0.82680833

00:10:36.460 --> 00:10:37.996 It was not difficult for the

NOTE Confidence: 0.82680833

00:10:37.996 --> 00:10:39.368 National Cancer student pivot that

NOTE Confidence: 0.82680833

00:10:39.368 --> 00:10:40.584 Frederick National Lab Serology

NOTE Confidence: 0.82680833

00:10:40.584 --> 00:10:41.800 lab to study coronavirus,

NOTE Confidence: 0.82680833

00:10:41.800 --> 00:10:43.564 which turned out to be very important

NOTE Confidence: 0.82680833

00:10:43.564 --> 00:10:44.890 for the federal government.

NOTE Confidence: 0.82680833

00:10:44.890 --> 00:10:45.748 So for example,

NOTE Confidence: 0.82680833

00:10:45.748 --> 00:10:48.185 we did a number of a lot of

NOTE Confidence: 0.82680833

00:10:48.185 --> 00:10:50.369 testing for the FDA to decide

NOTE Confidence: 0.82680833

00:10:50.369 --> 00:10:52.538 what devices would be useful for.

NOTE Confidence: 0.82680833

00:10:52.540 --> 00:10:53.593 Public health benefit.

NOTE Confidence: 0.82680833

00:10:53.593 --> 00:10:55.348 So there's a an Congress

NOTE Confidence: 0.82680833

00:10:55.348 --> 00:10:56.690 appropriated funds to the NCI.

NOTE Confidence: 0.82680833

00:10:56.690 --> 00:10:58.916 306 million dollars in 2020 for serology,

NOTE Confidence: 0.82680833

00:10:58.920 --> 00:11:00.350 research and these are monies

NOTE Confidence: 0.82680833

00:11:00.350 --> 00:11:01.780 that are different from our

NOTE Confidence: 0.82680833

00:11:01.833 --> 00:11:03.389 usual appropriation for cancer.

NOTE Confidence: 0.82680833

00:11:03.390 --> 00:11:05.285 It is supplemental emergency funding

NOTE Confidence: 0.82680833

00:11:05.285 --> 00:11:07.180 solely for strategy research and

NOTE Confidence: 0.82680833

00:11:07.240 --> 00:11:09.304 that is being used for a number of

NOTE Confidence: 0.82680833

00:11:09.304 --> 00:11:11.112 purposes and areas of research related

NOTE Confidence: 0.82680833

00:11:11.112 --> 00:11:13.265 to virology and Sorolla G that are

NOTE Confidence: 0.82680833

00:11:13.265 --> 00:11:15.400 exciting and will be making a lot

NOTE Confidence: 0.82680833

00:11:15.400 --> 00:11:17.100 more announcements about that shortly.

NOTE Confidence: 0.82680833

00:11:17.100 --> 00:11:19.340 We've also started this in catch study.

NOTE Confidence: 0.82680833

00:11:19.340 --> 00:11:21.015 This code in cancer patients

NOTE Confidence: 0.82680833

00:11:21.015 --> 00:11:22.690 study that is enrolling at.

NOTE Confidence: 0.82680833

00:11:22.690 --> 00:11:24.484 Over is now 700 sites nationally

NOTE Confidence: 0.82680833

00:11:24.484 --> 00:11:26.709 and is really trying to look at

NOTE Confidence: 0.82680833

00:11:26.709 --> 00:11:28.319 the Natural History printed virus

NOTE Confidence: 0.82680833

00:11:28.319 --> 00:11:30.208 infection in patients with cancer.

NOTE Confidence: 0.82680833

00:11:30.210 --> 00:11:32.172 We even issued a raft of

NOTE Confidence: 0.82680833

00:11:32.172 --> 00:11:33.480 guidances for cancer trials,

NOTE Confidence: 0.82680833

00:11:33.480 --> 00:11:35.195 allowing things like shipping medicines

NOTE Confidence: 0.82680833

00:11:35.195 --> 00:11:37.263 through the Mail instead of requiring

NOTE Confidence: 0.82680833

00:11:37.263 --> 00:11:39.363 patients to the hospital pick him up,

NOTE Confidence: 0.82680833

00:11:39.370 --> 00:11:41.326 allowing consenting by phone for example,

NOTE Confidence: 0.82680833

00:11:41.330 --> 00:11:43.118 that we were discussing earlier and

NOTE Confidence: 0.82680833

00:11:43.118 --> 00:11:45.094 and I think these are flexibility

NOTE Confidence: 0.82680833

00:11:45.094 --> 00:11:47.254 zarine clicker trials that we developed

NOTE Confidence: 0.82680833

00:11:47.254 --> 00:11:49.279 with the FDA in many instances

NOTE Confidence: 0.82680833

00:11:49.279 --> 00:11:51.139 have been really popular with the

NOTE Confidence: 0.7852744

00:11:51.140 --> 00:11:53.562 investigators have told us they like these

NOTE Confidence: 0.7852744

00:11:53.562 --> 00:11:55.738 these new clinical trials changes and.

NOTE Confidence: 0.7852744

00:11:55.740 --> 00:11:58.960 They don't want to go back to the old days.

NOTE Confidence: 0.7852744

00:11:58.960 --> 00:12:00.570 We've recreated a number of

NOTE Confidence: 0.7852744

00:12:00.570 --> 00:12:01.536 flexibility for grantees,

NOTE Confidence: 0.7852744

00:12:01.540 --> 00:12:02.503 probably most importantly

NOTE Confidence: 0.7852744

00:12:02.503 --> 00:12:04.108 around the issue of carryover.

NOTE Confidence: 0.7852744

00:12:04.110 --> 00:12:06.266 So if scientists are unable to spend

NOTE Confidence: 0.7852744

00:12:06.266 --> 00:12:08.199 $2020.00 in this fiscal year because

NOTE Confidence: 0.7852744

00:12:08.199 --> 00:12:10.870 their lab is closed or research is paused,

NOTE Confidence: 0.7852744

00:12:10.870 --> 00:12:12.982 we're allowing them in most instances

NOTE Confidence: 0.7852744

00:12:12.982 --> 00:12:15.125 to carry those funds over 21 so

23

NOTE Confidence: 0.7852744

00:12:15.125 --> 00:12:17.175 that they can be used in a manner

NOTE Confidence: 0.7852744

00:12:17.175 --> 00:12:19.250 that still beneficial for science.

NOTE Confidence: 0.7852744

00:12:19.250 --> 00:12:20.910 We've also allowed some repurposing

NOTE Confidence: 0.7852744

00:12:20.910 --> 00:12:22.925 of funds and some extensions of

NOTE Confidence: 0.7852744

00:12:22.925 --> 00:12:24.395 deadlines and things like that,

NOTE Confidence: 0.7852744

00:12:24.400 --> 00:12:26.728 so we've tried to bend over backwards to

NOTE Confidence: 0.7852744

00:12:26.728 --> 00:12:28.797 accommodate the problems for search the

NOTE Confidence: 0.7852744

00:12:28.797 --> 00:12:30.587 pandemics caused for basic scientists.

NOTE Confidence: 0.7852744

00:12:30.590 --> 00:12:32.948 And then we had a lot of other stuff.

NOTE Confidence: 0.7852744

00:12:32.950 --> 00:12:34.335 Includes some Genomic studies around

NOTE Confidence: 0.7852744

00:12:34.335 --> 00:12:36.240 COVID-19 that are interesting in the whole

NOTE Confidence: 0.7852744

00:12:36.240 --> 00:12:37.656 package is described at this website,

NOTE Confidence: 0.7852744

00:12:37.660 --> 00:12:38.564 showed at the bottom.

NOTE Confidence: 0.7852744

00:12:38.564 --> 00:12:40.293 For those of you who are further

NOTE Confidence: 0.7852744

00:12:40.293 --> 00:12:41.589 interested in this topic,

NOTE Confidence: 0.7852744

00:12:41.590 --> 00:12:43.720 next slide please.

NOTE Confidence: 0.7852744

00:12:43.720 --> 00:12:45.813 I want to say a word more

NOTE Confidence: 0.7852744

00:12:45.813 --> 00:12:47.269 about the Sorolla G work,

NOTE Confidence: 0.7852744

00:12:47.270 --> 00:12:49.466 so one of the things we have created is

NOTE Confidence: 0.7852744

00:12:49.466 --> 00:12:51.077 this network for serological research

NOTE Confidence: 0.7852744

00:12:51.077 --> 00:12:53.490 that is going to be called Sirnet.

NOTE Confidence: 0.7852744

00:12:53.490 --> 00:12:55.284 The grants and contracts that will

NOTE Confidence: 0.7852744

00:12:55.284 --> 00:12:57.106 stand this up will be announced

NOTE Confidence: 0.7852744

00:12:57.106 --> 00:12:58.516 in the next few weeks.

NOTE Confidence: 0.7852744

00:12:58.520 --> 00:13:01.175 This will include it's a hub and spoke model,

NOTE Confidence: 0.7852744

00:13:01.180 --> 00:13:02.480 so it will include coordinating

NOTE Confidence: 0.7852744

00:13:02.480 --> 00:13:04.187 center at the NCI run through

NOTE Confidence: 0.7852744

00:13:04.187 --> 00:13:05.977 Frederick National Lab to coordinate

NOTE Confidence: 0.7852744

00:13:05.977 --> 00:13:07.720 research nationally on these topics

NOTE Confidence: 0.7852744

00:13:07.720 --> 00:13:09.280 and I think what's exciting about

NOTE Confidence: 0.7852744

00:13:09.280 --> 00:13:11.540 this is it's a great lot of great

NOTE Confidence: 0.7852744

00:13:11.540 --> 00:13:13.020 basic science related to immunity.

NOTE Confidence: 0.7852744

00:13:13.020 --> 00:13:13.848 Environ viral responses.

NOTE Confidence: 0.7852744

00:13:13.848 --> 00:13:16.497 But I think it will also have a basic

NOTE Confidence: 0.7852744

00:13:16.497 --> 00:13:18.489 science efforts that will translate it

NOTE Confidence: 0.7852744

00:13:18.489 --> 00:13:20.293 into understanding how save the innate

NOTE Confidence: 0.7852744

00:13:20.293 --> 00:13:22.212 immune system works in cancer and and

NOTE Confidence: 0.7852744

00:13:22.212 --> 00:13:23.964 new ways of treating cancer patients.

NOTE Confidence: 0.7852744

00:13:23.970 --> 00:13:25.728 Three antibody based therapies for example.

NOTE Confidence: 0.7852744

00:13:25.730 --> 00:13:28.066 So I think it's a very interesting network.

NOTE Confidence: 0.7852744

00:13:28.070 --> 00:13:29.900 It was really an amazing amount

NOTE Confidence: 0.7852744

00:13:29.900 --> 00:13:31.120 of administrative effort to

NOTE Confidence: 0.7852744

00:13:31.176 --> 00:13:32.466 stand this up so quickly,

NOTE Confidence: 0.7852744

00:13:32.470 --> 00:13:33.940 and I think real testimony

NOTE Confidence: 0.7852744

00:13:33.940 --> 00:13:35.410 to the professionals at the

NOTE Confidence: 0.7852744

00:13:35.469 --> 00:13:37.155 National Cancer is do too good.

NOTE Confidence: 0.7852744

00:13:37.160 --> 00:13:37.750 You know,

NOTE Confidence: 0.7852744

00:13:37.750 --> 00:13:38.635 despite the difficulties

NOTE Confidence: 0.7852744

00:13:38.635 --> 00:13:40.380 of Tele work and what not,

NOTE Confidence: 0.7852744

00:13:40.380 --> 00:13:42.312 have been able to kind of keep

NOTE Confidence: 0.7852744

00:13:42.312 --> 00:13:44.598 work apace and even take on really

NOTE Confidence: 0.7852744

00:13:44.598 --> 00:13:46.338 exciting new efforts like this.

NOTE Confidence: 0.7852744

00:13:46.340 --> 00:13:46.920 Next slide,

NOTE Confidence: 0.7852744

00:13:46.920 --> 00:13:47.210 please.

NOTE Confidence: 0.798145

00:13:49.360 --> 00:13:51.744 So as as mentioned, uh in cap study

NOTE Confidence: 0.798145

00:13:51.744 --> 00:13:53.859 includes this enrollment at Minisites,

NOTE Confidence: 0.798145

00:13:53.860 --> 00:13:56.468 it's being done through the NCTN and in

NOTE Confidence: 0.798145

00:13:56.468 --> 00:13:58.848 court networks and will now soon allow

NOTE Confidence: 0.798145

00:13:58.848 --> 00:14:01.120 for the enrollment of pediatric patients.

NOTE Confidence: 0.798145

00:14:01.120 --> 00:14:04.009 And I think this will be useful for a

NOTE Confidence: 0.798145

00:14:04.009 --> 00:14:05.970 number of purposes, but importantly,

NOTE Confidence: 0.798145

00:14:05.970 --> 00:14:08.040 this is a real clinical trial

NOTE Confidence: 0.798145

00:14:08.040 --> 00:14:09.769 that involves consent in Lanja.

NOTE Confidence: 0.798145

00:14:09.770 --> 00:14:12.206 Tude will follow up and Biospecimen

NOTE Confidence: 0.798145

00:14:12.206 --> 00:14:14.929 Collection and it will allow us to

NOTE Confidence: 0.798145

00:14:14.929 --> 00:14:17.330 really look at a number of biomarkers

NOTE Confidence: 0.798145

00:14:17.400 --> 00:14:19.920 to see if we can find the ones that.

NOTE Confidence: 0.798145

00:14:19.920 --> 00:14:21.420 Predict outcome in this population

NOTE Confidence: 0.798145

00:14:21.420 --> 00:14:23.452 and I think the study will also

NOTE Confidence: 0.798145

00:14:23.452 --> 00:14:25.340 be useful to look at the long term

NOTE Confidence: 0.798145

00:14:25.397 --> 00:14:26.897 sequelae of kovid infection.

NOTE Confidence: 0.798145

00:14:26.900 --> 00:14:28.944 Something we're seeing a lot more data

NOTE Confidence: 0.798145

00:14:28.944 --> 00:14:31.116 emerge on right now and it is concerning

NOTE Confidence: 0.798145

00:14:31.116 --> 00:14:33.390 a set of studies that many patients are

NOTE Confidence: 0.798145

00:14:33.390 --> 00:14:35.334 having a neurological and Cardi map,

NOTE Confidence: 0.798145

00:14:35.340 --> 00:14:35.908 neurological Square,

NOTE Confidence: 0.798145

00:14:35.908 --> 00:14:37.328 Lion Cardiomyopathy in other issues

NOTE Confidence: 0.798145

00:14:37.328 --> 00:14:38.839 that persist post kovid infection,

NOTE Confidence: 0.798145

00:14:38.840 --> 00:14:40.765 and I think this study will be

NOTE Confidence: 0.798145

00:14:40.765 --> 00:14:43.154 a nice study to look at that in

NOTE Confidence: 0.798145

00:14:43.154 --> 00:14:44.654 a cancer population as well.

NOTE Confidence: 0.798145

00:14:44.660 --> 00:14:47.468 A next slide please.

NOTE Confidence: 0.798145

00:14:47.470 --> 00:14:49.372 I wanted to briefly talk about

NOTE Confidence: 0.798145

00:14:49.372 --> 00:14:50.323 clinical trials accrual,

NOTE Confidence: 0.798145

00:14:50.330 --> 00:14:52.556 so this is data for the national

NOTE Confidence: 0.798145

00:14:52.556 --> 00:14:53.510 clinical trials network.

NOTE Confidence: 0.798145

00:14:53.510 --> 00:14:55.894 The NCT in I believe this is phase

NOTE Confidence: 0.798145

00:14:55.894 --> 00:14:57.890 two and phase three trials in

NOTE Confidence: 0.798145

00:14:57.890 --> 00:14:59.545 the in CTN bye week.

NOTE Confidence: 0.798145

00:14:59.550 --> 00:15:00.738 And so you see,

NOTE Confidence: 0.798145

00:15:00.738 --> 00:15:03.369 you know prior to the pandemic in February,

NOTE Confidence: 0.798145

00:15:03.370 --> 00:15:05.365 the NCT in accrued about 300 patients

NOTE Confidence: 0.798145

00:15:05.365 --> 00:15:08.175 week or in those sorts of trials and then

NOTE Confidence: 0.798145

00:15:08.175 --> 00:15:10.526 seeing accrued on that level and then

NOTE Confidence: 0.798145

00:15:10.526 --> 00:15:12.584 when the pandemic really got started.

NOTE Confidence: 0.798145

00:15:12.590 --> 00:15:14.420 That accrual was cut in half

NOTE Confidence: 0.798145

00:15:14.420 --> 00:15:16.409 down to 1:50 at its nadir,

NOTE Confidence: 0.798145

00:15:16.410 --> 00:15:18.222 and now is slowly starting to

NOTE Confidence: 0.798145

00:15:18.222 --> 00:15:20.329 catch back up and is returning.

NOTE Confidence: 0.798145

00:15:20.330 --> 00:15:22.586 You know mostly back to normal,

NOTE Confidence: 0.798145

00:15:22.590 --> 00:15:24.846 but we're not fully there yet.

NOTE Confidence: 0.798145

00:15:24.850 --> 00:15:26.735 You know this is obviously

NOTE Confidence: 0.798145

00:15:26.735 --> 00:15:28.620 very concerning for the eye,

NOTE Confidence: 0.798145

00:15:28.620 --> 00:15:30.738 clinic trials were really the way

NOTE Confidence: 0.798145

00:15:30.738 --> 00:15:33.092 we make new advances for patients

NOTE Confidence: 0.798145

00:15:33.092 --> 00:15:35.282 with cancer and accrual accrual

NOTE Confidence: 0.798145

00:15:35.282 --> 00:15:37.313 declines markedly than that extends

NOTE Confidence: 0.798145

00:15:37.313 --> 00:15:39.269 the period for which the trial

NOTE Confidence: 0.798145

00:15:39.269 --> 00:15:42.036 has to be conducted and is is both

NOTE Confidence: 0.798145

00:15:42.036 --> 00:15:44.080 expensive and delays cancer progress.

NOTE Confidence: 0.798145

00:15:44.080 --> 00:15:45.970 So we are, I think,

NOTE Confidence: 0.798145

00:15:45.970 --> 00:15:48.490 bound as stewards of federal monies

NOTE Confidence: 0.798145

00:15:48.490 --> 00:15:50.899 to consider the impact of these.

NOTE Confidence: 0.798145

00:15:50.900 --> 00:15:53.332 To make the decreases in a cruel to

NOTE Confidence: 0.798145

00:15:53.332 --> 00:15:55.858 some of our larger ongoing trials.

NOTE Confidence: 0.798145

00:15:55.860 --> 00:15:58.688 To really see if they can, you know,

NOTE Confidence: 0.798145

00:15:58.688 --> 00:16:00.458 address the endpoints they were

NOTE Confidence: 0.798145

00:16:00.458 --> 00:16:01.520 designed to meet.

NOTE Confidence: 0.798145

00:16:01.520 --> 00:16:03.998 Given the struggles of pandemic is caused,

NOTE Confidence: 0.798145

00:16:04.000 --> 00:16:05.512 and so we're.

NOTE Confidence: 0.798145

00:16:05.512 --> 00:16:06.520 In fact,

NOTE Confidence: 0.798145

00:16:06.520 --> 00:16:08.991 standing up a working group to the

NOTE Confidence: 0.798145

00:16:08.991 --> 00:16:10.510 clinical Trials Research Advisory

NOTE Confidence: 0.798145

00:16:10.510 --> 00:16:12.910 Committee seatac to look in particular

NOTE Confidence: 0.798145

00:16:12.910 --> 00:16:14.764 at large prevention and screening

NOTE Confidence: 0.798145

00:16:14.764 --> 00:16:17.108 trials to see if those are going to

NOTE Confidence: 0.798145

00:16:17.110 --> 00:16:19.216 work the way we initially envisioned.

NOTE Confidence: 0.798145

00:16:19.220 --> 00:16:20.810 Pre pandemic.

NOTE Confidence: 0.798145

00:16:20.810 --> 00:16:22.400 Next slide.

NOTE Confidence: 0.798145

00:16:22.400 --> 00:16:22.718 Ah,

NOTE Confidence: 0.798145

00:16:22.718 --> 00:16:23.672 it you know,

NOTE Confidence: 0.798145

00:16:23.672 --> 00:16:26.819 if there is a silver lining to the pandemic,

NOTE Confidence: 0.798145

00:16:26.820 --> 00:16:28.860 it really has been to me.

NOTE Confidence: 0.798145

00:16:28.860 --> 00:16:31.578 To my mind you one of the most important

NOTE Confidence: 0.798145

00:16:31.578 --> 00:16:34.637 has been the rapid adoption of Tele Health,

NOTE Confidence: 0.798145

00:16:34.640 --> 00:16:36.719 and this is clearly a boon for

NOTE Confidence: 0.798145

00:16:36.719 --> 00:16:38.820 patients to have an option that's

NOTE Confidence: 0.798145

00:16:38.820 --> 00:16:41.100 more convenient than an office visit,

NOTE Confidence: 0.798145

00:16:41.100 --> 00:16:42.585 and this remarkable rapid uptake

NOTE Confidence: 0.798145

00:16:42.585 --> 00:16:44.070 really does present an important

NOTE Confidence: 0.83087313

00:16:44.117 --> 00:16:45.326 research opportunity for

NOTE Confidence: 0.83087313

00:16:45.326 --> 00:16:46.535 Health Services researchers.

NOTE Confidence: 0.83087313

00:16:46.540 --> 00:16:48.240 I've been telling people that

NOTE Confidence: 0.83087313

00:16:48.240 --> 00:16:49.600 you're an implementation scientist.

NOTE Confidence: 0.83087313

00:16:49.600 --> 00:16:51.640 Your moment has arrived because an

NOTE Confidence: 0.83087313

00:16:51.640 --> 00:16:53.889 experiment this size of this rapidity.

NOTE Confidence: 0.83087313

00:16:53.890 --> 00:16:54.574 National scale,

NOTE Confidence: 0.83087313

00:16:54.574 --> 00:16:57.310 you know it's never likely to occur again.

NOTE Confidence: 0.83087313

00:16:57.310 --> 00:16:59.065 There's a really interesting report

NOTE Confidence: 0.83087313

00:16:59.065 --> 00:17:00.469 from Memorial Sloan Kettering

NOTE Confidence: 0.83087313

00:17:00.469 --> 00:17:02.258 about rapidly pivoting to provide

NOTE Confidence: 0.83087313

00:17:02.258 --> 00:17:03.642 tobacco treatment for patients

NOTE Confidence: 0.83087313

00:17:03.642 --> 00:17:05.180 with cancer via Tele health,

NOTE Confidence: 0.83087313

00:17:05.180 --> 00:17:07.148 including a look at patient engagement

NOTE Confidence: 0.83087313

00:17:07.148 --> 00:17:09.200 as measured by attendance rates for

NOTE Confidence: 0.83087313

00:17:09.200 --> 00:17:10.915 in person counseling versus remote

NOTE Confidence: 0.83087313

00:17:10.915 --> 00:17:12.360 Tele health counseling visits,

NOTE Confidence: 0.83087313

00:17:12.360 --> 00:17:14.608 and they look at the how much the

NOTE Confidence: 0.83087313

00:17:14.608 --> 00:17:16.497 patients in the clinicians and

NOTE Confidence: 0.83087313

00:17:16.497 --> 00:17:18.592 healthcare systems benefit from this

NOTE Confidence: 0.83087313

00:17:18.592 --> 00:17:21.050 Tele health and also the challenges

NOTE Confidence: 0.83087313

00:17:21.050 --> 00:17:23.378 encountered in such a rapid expansion.

NOTE Confidence: 0.83087313

00:17:23.380 --> 00:17:25.420 And this particular effort was

NOTE Confidence: 0.83087313

00:17:25.420 --> 00:17:27.460 supported by cancer syphilis Cancer

NOTE Confidence: 0.83087313

00:17:27.529 --> 00:17:29.161 Center supplement for tobacco

NOTE Confidence: 0.83087313

00:17:29.161 --> 00:17:31.609 cessation under the cancer moon shot

NOTE Confidence: 0.83087313

00:17:31.678 --> 00:17:33.974 and I know Yale has received such

NOTE Confidence: 0.83087313

00:17:33.974 --> 00:17:35.550 supplements as well for cessation.

NOTE Confidence: 0.83087313

00:17:35.550 --> 00:17:35.845 Ann,

NOTE Confidence: 0.83087313

00:17:35.845 --> 00:17:38.530 I think is really led to some important

NOTE Confidence: 0.83087313

00:17:38.530 --> 00:17:40.746 studies through application program.

NOTE Confidence: 0.83087313

00:17:40.750 --> 00:17:41.488 Next slide,

NOTE Confidence: 0.83087313

00:17:41.488 --> 00:17:43.702 I'd like to talk briefly about

NOTE Confidence: 0.83087313

00:17:43.702 --> 00:17:45.380 some non kovid stuff.

NOTE Confidence: 0.83087313

00:17:45.380 --> 00:17:47.560 So one really important report

NOTE Confidence: 0.83087313

00:17:47.560 --> 00:17:49.740 that was really gratifying to

NOTE Confidence: 0.83087313

00:17:49.812 --> 00:17:52.076 see came out a few weeks ago in

NOTE Confidence: 0.83087313

00:17:52.076 --> 00:17:54.390 the new internal medicine from.

NOTE Confidence: 0.83087313

00:17:54.390 --> 00:17:55.476 This is net,

NOTE Confidence: 0.83087313

00:17:55.476 --> 00:17:57.286 researchers in NCI working with

NOTE Confidence: 0.83087313

00:17:57.286 --> 00:17:59.929 Harvard in Michigan to look at lung

NOTE Confidence: 0.83087313

00:17:59.929 --> 00:18:01.774 cancer mortality and we already

NOTE Confidence: 0.83087313

00:18:01.843 --> 00:18:03.688 knew from other lung cancer.

NOTE Confidence: 0.83087313

00:18:03.690 --> 00:18:05.460 Mortality studies and reports like

NOTE Confidence: 0.83087313

00:18:05.460 --> 00:18:07.636 the annual report to the nation

NOTE Confidence: 0.83087313

00:18:07.636 --> 00:18:09.688 on status of cancer that lung

NOTE Confidence: 0.83087313

00:18:09.688 --> 00:18:11.207 cancer mortality and incidence

NOTE Confidence: 0.83087313

00:18:11.207 --> 00:18:13.357 had been declining United States.

NOTE Confidence: 0.83087313

00:18:13.360 --> 00:18:14.030 For decades,

NOTE Confidence: 0.83087313

00:18:14.030 --> 00:18:16.040 but you know this analysis really

NOTE Confidence: 0.83087313

00:18:16.040 --> 00:18:18.413 try to understand why that was

NOTE Confidence: 0.83087313

00:18:18.413 --> 00:18:20.053 happening and in particular,

NOTE Confidence: 0.83087313

00:18:20.060 --> 00:18:22.307 why in the last few years mortality

NOTE Confidence: 0.83087313

00:18:22.307 --> 00:18:24.620 for lung cancer and also Melanoma

NOTE Confidence: 0.83087313

00:18:24.620 --> 00:18:26.760 has been declining faster than

NOTE Confidence: 0.83087313

00:18:26.760 --> 00:18:27.616 incidence declines.

NOTE Confidence: 0.83087313

00:18:27.620 --> 00:18:29.272 And in both instances,

NOTE Confidence: 0.83087313

00:18:29.272 --> 00:18:31.750 based on this sort of analysis,

NOTE Confidence: 0.83087313

00:18:31.750 --> 00:18:34.207 we believe that treatment is now paying

NOTE Confidence: 0.83087313

00:18:34.207 --> 00:18:36.800 playing an ever larger effect on

NOTE Confidence: 0.83087313

00:18:36.800 --> 00:18:38.768 national population level statistics.

NOTE Confidence: 0.83087313

00:18:38.770 --> 00:18:41.140 So there's this background of decreasing

NOTE Confidence: 0.83087313

00:18:41.140 --> 00:18:43.310 incidence attributable to smoking cessation,

NOTE Confidence: 0.83087313

00:18:43.310 --> 00:18:45.380 but on top of that,

NOTE Confidence: 0.83087313

00:18:45.380 --> 00:18:47.440 new therapies for lung cancer,

NOTE Confidence: 0.83087313

00:18:47.440 --> 00:18:49.096 particularly through this period,

NOTE Confidence: 0.83087313

00:18:49.096 --> 00:18:49.923 surgery, radiation,

NOTE Confidence: 0.83087313

00:18:49.923 --> 00:18:50.336 chemotherapy,

NOTE Confidence: 0.83087313

00:18:50.336 --> 00:18:51.988 and kinase inhibitors seem

NOTE Confidence: 0.83087313

00:18:51.988 --> 00:18:53.640 to be very important.

NOTE Confidence: 0.83087313

00:18:53.640 --> 00:18:55.835 This analysis only went through

NOTE Confidence: 0.83087313

00:18:55.835 --> 00:18:58.030 2016 and therefore antedates most

NOTE Confidence: 0.83087313

00:18:58.100 --> 00:19:00.330 of the adoption of immunotherapy.

NOTE Confidence: 0.83087313

00:19:00.330 --> 00:19:01.233 For lung cancer,

NOTE Confidence: 0.83087313

00:19:01.233 --> 00:19:03.340 and I think that's good news because

NOTE Confidence: 0.83087313

00:19:03.400 --> 00:19:05.549 I think the effects we've seen on

NOTE Confidence: 0.83087313

00:19:05.549 --> 00:19:07.129 treatment with those of modalities

NOTE Confidence: 0.83087313

00:19:07.129 --> 00:19:09.236 alone you know they're going to be

NOTE Confidence: 0.83087313

00:19:09.236 --> 00:19:11.020 even greater and and more beneficial

NOTE Confidence: 0.83087313

00:19:11.020 --> 00:19:12.500 as immunotherapy permeates through the

NOTE Confidence: 0.83087313

00:19:12.543 --> 00:19:14.148 national mortality statistics as well.

NOTE Confidence: 0.83087313

00:19:14.150 --> 00:19:15.992 And and that's not even to

NOTE Confidence: 0.83087313

00:19:15.992 --> 00:19:17.220 mention lung cancer screening,

NOTE Confidence: 0.83087313

00:19:17.220 --> 00:19:19.887 which I think is also an opportunity

NOTE Confidence: 0.83087313

00:19:19.887 --> 00:19:22.260 for doing better in this disease.

NOTE Confidence: 0.83087313

00:19:22.260 --> 00:19:23.133 In this study,

NOTE Confidence: 0.83087313

00:19:23.133 --> 00:19:24.879 they using a novel analytic technique.

NOTE Confidence: 0.83087313

00:19:24.880 --> 00:19:26.518 The investigators were able to look

NOTE Confidence: 0.83087313

00:19:26.518 --> 00:19:28.692 at non small cell lung cancer where

NOTE Confidence: 0.83087313

00:19:28.692 --> 00:19:30.056 there's been market improvement

NOTE Confidence: 0.83087313

00:19:30.056 --> 00:19:31.874 in mortality the last few years

NOTE Confidence: 0.83087313

00:19:31.874 --> 00:19:33.610 as well as small cell lung cancer

NOTE Confidence: 0.83087313

00:19:33.610 --> 00:19:35.065 where there's been virtually no

NOTE Confidence: 0.83087313

00:19:35.065 --> 00:19:36.520 improvement in survival or mortality.

NOTE Confidence: 0.83087313

00:19:36.520 --> 00:19:37.417 And I really,

NOTE Confidence: 0.83087313

00:19:37.417 --> 00:19:39.211 really makes the point that we

NOTE Confidence: 0.83087313

00:19:39.211 --> 00:19:41.374 still have a long way to go in

NOTE Confidence: 0.83087313

00:19:41.374 --> 00:19:42.630 that very terrible cancer.

NOTE Confidence: 0.83087313

00:19:42.630 --> 00:19:44.270 Next slide,

NOTE Confidence: 0.83087313

00:19:44.270 --> 00:19:45.090 please.

NOTE Confidence: 0.83087313

00:19:45.090 --> 00:19:45.350 Hi,

NOTE Confidence: 0.83087313

00:19:45.350 --> 00:19:47.690 I think some of you may be aware we

NOTE Confidence: 0.85155725

00:19:47.757 --> 00:19:50.355 recently launched a major new partnership

NOTE Confidence: 0.85155725

00:19:50.355 --> 00:19:53.276 with Cancer Research UK to fund a

NOTE Confidence: 0.85155725

00:19:53.276 --> 00:19:55.141 multidisciplinary global teams to take

NOTE Confidence: 0.85155725

00:19:55.141 --> 00:19:57.342 on some of cancers toughest challenges.

NOTE Confidence: 0.85155725

00:19:57.342 --> 00:19:59.157 This is the cancer grand

NOTE Confidence: 0.85155725

00:19:59.157 --> 00:20:00.180 challenges initiative.

NOTE Confidence: 0.85155725

00:20:00.180 --> 00:20:02.322 The approach here is to really sort

NOTE Confidence: 0.85155725

00:20:02.322 --> 00:20:05.073 of build on the history we have with

NOTE Confidence: 0.85155725

00:20:05.073 --> 00:20:07.286 team science through peo ones and

NOTE Confidence: 0.85155725

00:20:07.286 --> 00:20:09.578 Spores and those kinds of mechanisms,

NOTE Confidence: 0.85155725

00:20:09.580 --> 00:20:11.666 and then try and expand that team

NOTE Confidence: 0.85155725

00:20:11.666 --> 00:20:13.878 science model even greater to a

NOTE Confidence: 0.85155725

00:20:13.878 --> 00:20:15.138 greater degree internationally.

NOTE Confidence: 0.85155725

00:20:15.140 --> 00:20:17.688 And the challenges are framed as questions

NOTE Confidence: 0.85155725

00:20:17.688 --> 00:20:20.018 that are created by an expert panel,

NOTE Confidence: 0.85155725

00:20:20.020 --> 00:20:22.372 and these are questions that are really

NOTE Confidence: 0.85155725

00:20:22.372 --> 00:20:24.645 limiting our progress in Cancer Research

NOTE Confidence: 0.85155725

00:20:24.645 --> 00:20:26.655 and then we invite multidisciplinary

NOTE Confidence: 0.85155725

00:20:26.655 --> 00:20:28.885 and international teams to propose very

NOTE Confidence: 0.85155725

00:20:28.885 --> 00:20:30.931 ambitious grand projects to tackle them.

NOTE Confidence: 0.85155725

00:20:30.940 --> 00:20:32.935 CR UK has been doing a program

NOTE Confidence: 0.85155725

00:20:32.935 --> 00:20:35.167 structures way for a few years and as

NOTE Confidence: 0.85155725

00:20:35.167 --> 00:20:37.740 you are probably aware the NCI is had

NOTE Confidence: 0.85155725

00:20:37.740 --> 00:20:39.340 its provocative questions initiative,

NOTE Confidence: 0.85155725

00:20:39.340 --> 00:20:41.828 and so the what's new is initial partnership.

NOTE Confidence: 0.85155725

00:20:41.830 --> 00:20:44.486 Will kind of merge those two initiatives in

NOTE Confidence: 0.85155725

00:20:44.486 --> 00:20:47.723 a way to to involve both the NCI and CR UK.

NOTE Confidence: 0.85155725

00:20:47.730 --> 00:20:48.055 Importantly,

NOTE Confidence: 0.85155725

00:20:48.055 --> 00:20:50.005 this uses funding from the Cancer

NOTE Confidence: 0.85155725

00:20:50.005 --> 00:20:50.980 Research provocative questions

NOTE Confidence: 0.85155725

00:20:51.032 --> 00:20:52.088 program every other year,

NOTE Confidence: 0.85155725

00:20:52.090 --> 00:20:54.078 so in even years or whatever will

NOTE Confidence: 0.85155725

00:20:54.078 --> 00:20:56.732 have the peak use and in the out years

NOTE Confidence: 0.85155725

00:20:56.732 --> 00:20:58.620 will have cranberry and challenges.

NOTE Confidence: 0.85155725

00:20:58.620 --> 00:21:00.996 So this is budget neutral from the NCI

NOTE Confidence: 0.85155725

00:21:00.996 --> 00:21:03.567 is not taking funds away from other

NOTE Confidence: 0.85155725

00:21:03.567 --> 00:21:05.750 initiatives it is allowing us to.

NOTE Confidence: 0.85155725

00:21:05.750 --> 00:21:08.165 Try this in addition to the Baraka

NOTE Confidence: 0.85155725

00:21:08.165 --> 00:21:10.071 question program and I see this

NOTE Confidence: 0.85155725

00:21:10.071 --> 00:21:11.954 as a way to really encourage and

NOTE Confidence: 0.85155725

00:21:12.024 --> 00:21:14.029 support high risk innovative Cancer

NOTE Confidence: 0.85155725

00:21:14.029 --> 00:21:16.384 Research projects on a large scale.

NOTE Confidence: 0.85155725

00:21:16.384 --> 00:21:18.978 And in this well, as I said,

NOTE Confidence: 0.85155725

00:21:18.978 --> 00:21:21.414 not supplant science in the important

NOTE Confidence: 0.85155725

00:21:21.414 --> 00:21:22.585 investigator initiated portfolio

NOTE Confidence: 0.85155725

00:21:22.585 --> 00:21:25.353 that is also a need for the NCI.

NOTE Confidence: 0.85155725

00:21:25.360 --> 00:21:27.412 Next slide,

NOTE Confidence: 0.85155725

00:21:27.412 --> 00:21:28.438 please.

NOTE Confidence: 0.85155725

00:21:28.440 --> 00:21:30.402 When we talk about challenges of

NOTE Confidence: 0.85155725

00:21:30.402 --> 00:21:31.056 overcoming barriers,

NOTE Confidence: 0.85155725

00:21:31.060 --> 00:21:32.950 one issue stands out and certainly

NOTE Confidence: 0.85155725

00:21:32.950 --> 00:21:35.270 the national level and that is issued

NOTE Confidence: 0.85155725

00:21:35.270 --> 00:21:36.930 promoting equity inclusion in our

NOTE Confidence: 0.85155725

00:21:36.930 --> 00:21:39.258 society and within the NCI in particular.

NOTE Confidence: 0.85155725

00:21:39.260 --> 00:21:40.865 Cancer Research really can't solve

NOTE Confidence: 0.85155725

00:21:40.865 --> 00:21:42.470 an issue like systemic racism

NOTE Confidence: 0.85155725

00:21:42.525 --> 00:21:43.530 and injustice alone,

NOTE Confidence: 0.85155725

00:21:43.530 --> 00:21:45.798 but I think the I can look at our

NOTE Confidence: 0.85155725

00:21:45.798 --> 00:21:47.949 work as individuals in his community

NOTE Confidence: 0.85155725

00:21:47.949 --> 00:21:50.556 and commit to trying to take actions

NOTE Confidence: 0.85155725

00:21:50.556 --> 00:21:53.034 to make things better where we can.

NOTE Confidence: 0.85155725

00:21:53.040 --> 00:21:53.898 And you know,

NOTE Confidence: 0.85155725

00:21:53.898 --> 00:21:56.763 as we thought about this and had a lot

NOTE Confidence: 0.85155725

00:21:56.763 --> 00:21:58.518 of internal conversations, the NCI.

NOTE Confidence: 0.85155725

00:21:58.518 --> 00:22:00.750 We've sort of come on to the idea

NOTE Confidence: 0.85155725

00:22:00.826 --> 00:22:02.860 that there are three broad aspects

NOTE Confidence: 0.85155725

00:22:02.860 --> 00:22:05.147 of our work that really bear

NOTE Confidence: 0.85155725

00:22:05.147 --> 00:22:07.287 afresh assessment and new action,

43

NOTE Confidence: 0.85155725

00:22:07.290 --> 00:22:09.220 and we're creating very substantial

NOTE Confidence: 0.85155725

00:22:09.220 --> 00:22:11.484 internal effort in a committee structure

NOTE Confidence: 0.85155725

00:22:11.484 --> 00:22:13.905 to sort of work on each of these in.

NOTE Confidence: 0.85155725

00:22:13.910 --> 00:22:15.560 This includes an equity account,

NOTE Confidence: 0.85155725

00:22:15.560 --> 00:22:17.856 so that serves as a sort of steering

NOTE Confidence: 0.85155725

00:22:17.856 --> 00:22:19.968 committee and then working groups to

NOTE Confidence: 0.85155725

00:22:19.968 --> 00:22:22.176 address the topics of cancer disparities,

NOTE Confidence: 0.85155725

00:22:22.180 --> 00:22:23.368 research workforce diversity,

NOTE Confidence: 0.85155725

00:22:23.368 --> 00:22:25.744 and then the culture within the

NOTE Confidence: 0.85155725

00:22:25.744 --> 00:22:28.122 NCI to make sure that we are a

NOTE Confidence: 0.85155725

00:22:28.122 --> 00:22:29.679 good and welcoming place that.

NOTE Confidence: 0.85155725

00:22:29.680 --> 00:22:30.960 Promotes and welcomes diversity.

NOTE Confidence: 0.85155725

00:22:30.960 --> 00:22:32.880 I chair the equity account stolen.

NOTE Confidence: 0.85155725

00:22:32.880 --> 00:22:35.162 I'm really taking a lot of time

NOTE Confidence: 0.85155725

00:22:35.162 --> 00:22:37.337 listening to leaders and staff across

NOTE Confidence: 0.85155725

44

00:22:37.337 --> 00:22:39.593 the working groups and the Institute.

NOTE Confidence: 0.85155725

00:22:39.600 --> 00:22:41.556 So I understand both internally and

NOTE Confidence: 0.85155725

00:22:41.556 --> 00:22:42.860 externally you're the experiences

NOTE Confidence: 0.8440431

00:22:42.914 --> 00:22:44.504 of racial injustice and its impact

NOTE Confidence: 0.8440431

00:22:44.504 --> 00:22:46.180 on Cancer Research in cancer care.

NOTE Confidence: 0.8440431

00:22:46.180 --> 00:22:48.068 And I, I think really now is the

NOTE Confidence: 0.8440431

00:22:48.068 --> 00:22:50.383 time to do this to take meaningful

NOTE Confidence: 0.8440431

00:22:50.383 --> 00:22:52.158 action to effect positive change.

NOTE Confidence: 0.8440431

00:22:52.160 --> 00:22:54.050 I'm sure you know Yale is facing

NOTE Confidence: 0.8440431

00:22:54.050 --> 00:22:55.580 these issues like every institution

NOTE Confidence: 0.8440431

00:22:55.580 --> 00:22:57.240 in the country right now,

NOTE Confidence: 0.8440431

00:22:57.240 --> 00:22:59.316 and I think it's really interesting

NOTE Confidence: 0.8440431

00:22:59.316 --> 00:23:00.700 discussion how different institutions

NOTE Confidence: 0.8440431

00:23:00.753 --> 00:23:02.314 are trying to do their part here.

NOTE Confidence: 0.8440431

00:23:02.320 --> 00:23:04.609 One thing that has been gratifying about

NOTE Confidence: 0.8440431

00:23:04.609 --> 00:23:07.226 this is that this is an area where the

NOTE Confidence: 0.8440431

00:23:07.226 --> 00:23:08.904 NCI is 100%, institution is behind.

NOTE Confidence: 0.8440431

00:23:08.904 --> 00:23:10.270 I mean, there's a.

NOTE Confidence: 0.8440431

00:23:10.270 --> 00:23:12.195 Uniform enthusiasm and zeal across

NOTE Confidence: 0.8440431

00:23:12.195 --> 00:23:14.312 National Cancer to try and make

NOTE Confidence: 0.8440431

00:23:14.312 --> 00:23:16.112 progress in each of these areas.

NOTE Confidence: 0.8440431

00:23:16.120 --> 00:23:18.688 Next slide please.

NOTE Confidence: 0.8440431

00:23:18.690 --> 00:23:20.671 I'd like to highlight A2 a quick

NOTE Confidence: 0.8440431

00:23:20.671 --> 00:23:22.329 items related to data science,

NOTE Confidence: 0.8440431

00:23:22.330 --> 00:23:24.136 so the cancer search data Commons,

NOTE Confidence: 0.8440431

00:23:24.140 --> 00:23:25.655 maybe something that some of

NOTE Confidence: 0.8440431

00:23:25.655 --> 00:23:26.867 you have heard about.

NOTE Confidence: 0.8440431

00:23:26.870 --> 00:23:28.616 It's an initiative VNC I've been

NOTE Confidence: 0.8440431

00:23:28.616 --> 00:23:31.055 working on for a long time and that is

NOTE Confidence: 0.8440431

00:23:31.055 --> 00:23:33.441 to kind of create a one stop shopping

NOTE Confidence: 0.8440431

00:23:33.441 --> 00:23:35.655 for all our desperate cancer datasets.

NOTE Confidence: 0.8440431

00:23:35.660 --> 00:23:37.676 So things like the cancer genome Atlas

NOTE Confidence: 0.8440431

00:23:37.676 --> 00:23:39.899 in the Genomic Data Commons and target,

NOTE Confidence: 0.8440431

00:23:39.900 --> 00:23:41.700 which is the pediatric version of

NOTE Confidence: 0.8440431

00:23:41.700 --> 00:23:43.540 the cancer genome Atlas and Seatac,

NOTE Confidence: 0.8440431

00:23:43.540 --> 00:23:45.956 which is a proteomic and integrated data set,

NOTE Confidence: 0.8440431

00:23:45.960 --> 00:23:47.990 and the newest node shown here is

NOTE Confidence: 0.8440431

00:23:47.990 --> 00:23:49.600 the integrated canine data Commons.

NOTE Confidence: 0.8440431

00:23:49.600 --> 00:23:51.550 Some of us believe that companion

NOTE Confidence: 0.8440431

00:23:51.550 --> 00:23:52.850 animals serve a useful.

NOTE Confidence: 0.8440431

00:23:52.850 --> 00:23:54.728 Cancer model that's in between rodent

NOTE Confidence: 0.8440431

00:23:54.728 --> 00:23:56.380 models and human clinical trials,

NOTE Confidence: 0.8440431

00:23:56.380 --> 00:23:58.462 and so we think collecting Genomic

NOTE Confidence: 0.8440431

00:23:58.462 --> 00:24:00.526 and clinical data from a veterinary

NOTE Confidence: 0.8440431

00:24:00.526 --> 00:24:02.654 you know K9 trials is a valuable

NOTE Confidence: 0.8440431

00:24:02.654 --> 00:24:03.760 data set as well,

NOTE Confidence: 0.8440431

00:24:03.760 --> 00:24:06.649 and so we really built out the hard drives.

NOTE Confidence: 0.8440431

00:24:06.650 --> 00:24:09.065 The RDC now to start handling these

NOTE Confidence: 0.8440431

00:24:09.065 --> 00:24:10.452 disparate datasets and allowing

NOTE Confidence: 0.8440431

00:24:10.452 --> 00:24:12.168 them to be linked and searched

NOTE Confidence: 0.8440431

00:24:12.168 --> 00:24:14.040 in a way across the mall.

NOTE Confidence: 0.8440431

00:24:14.040 --> 00:24:16.259 And so we have a standard data

NOTE Confidence: 0.8440431

00:24:16.259 --> 00:24:17.890 model now called the kfor.

NOTE Confidence: 0.8440431

00:24:17.890 --> 00:24:19.810 The harmonizing data across the CDC.

NOTE Confidence: 0.8440431

00:24:19.810 --> 00:24:22.336 Rather the repository's and also we

NOTE Confidence: 0.8440431

00:24:22.336 --> 00:24:24.580 are working diligently on a tool.

NOTE Confidence: 0.8440431

00:24:24.580 --> 00:24:26.950 Here to help researchers query data

NOTE Confidence: 0.8440431

00:24:26.950 --> 00:24:28.530 across these various repository's

NOTE Confidence: 0.8440431

00:24:28.590 --> 00:24:30.480 and lead to multi modal analysis.

NOTE Confidence: 0.8440431

00:24:30.480 --> 00:24:33.616 There's a new video on the topic that

NOTE Confidence: 0.8440431

00:24:33.616 --> 00:24:36.648 is available on the website on the

NOTE Confidence: 0.8440431

00:24:36.648 --> 00:24:38.808 Cancer Research data Commons and.

NOTE Confidence: 0.8440431

00:24:38.810 --> 00:24:39.566 As mentioned,

NOTE Confidence: 0.8440431

00:24:39.566 --> 00:24:41.834 we have recently added the canine

NOTE Confidence: 0.8440431

00:24:41.834 --> 00:24:43.998 data comments just in time for

NOTE Confidence: 0.8440431

00:24:43.998 --> 00:24:46.008 International Dog Day and shown here.

NOTE Confidence: 0.8440431

00:24:46.010 --> 00:24:46.796 By the way,

NOTE Confidence: 0.8440431

00:24:46.796 --> 00:24:49.557 is as my dog who is now an Internet

NOTE Confidence: 0.8440431

00:24:49.557 --> 00:24:52.539 sensation thanks to mojo thanks to the

NOTE Confidence: 0.8440431

00:24:52.539 --> 00:24:55.570 cancer letter, let's see next slide,

NOTE Confidence: 0.8440431

00:24:55.570 --> 00:24:56.070 please.

NOTE Confidence: 0.8440431

00:24:56.070 --> 00:24:57.136 Uh, uh,

NOTE Confidence: 0.8440431

00:24:57.136 --> 00:25:00.867 this is a really great new development,

NOTE Confidence: 0.8440431

00:25:00.870 --> 00:25:02.222 so coming very soon.

NOTE Confidence: 0.8440431

00:25:02.222 --> 00:25:04.250 State of the art tumor infiltrating

NOTE Confidence: 0.8440431

00:25:04.313 --> 00:25:06.273 lymphocyte production facility to

NOTE Confidence: 0.8440431

00:25:06.273 --> 00:25:08.233 support Steve Rosenberg's work.

NOTE Confidence: 0.8440431

00:25:08.240 --> 00:25:09.240 Steve, for many years,

NOTE Confidence: 0.8440431

00:25:09.240 --> 00:25:10.740 has done these trials and the

NOTE Confidence: 0.8440431

00:25:10.797 --> 00:25:12.241 intrinsic internal program with

NOTE Confidence: 0.8440431

00:25:12.241 --> 00:25:13.685 really spectacular results in

NOTE Confidence: 0.8440431

00:25:13.685 --> 00:25:15.089 patients with solid tumors.

NOTE Confidence: 0.8440431

00:25:15.090 --> 00:25:16.640 But capacity has been limiting,

NOTE Confidence: 0.8440431

00:25:16.640 --> 00:25:19.128 and so now with this new till facility,

NOTE Confidence: 0.8440431

00:25:19.130 --> 00:25:20.996 we will have a major increase

NOTE Confidence: 0.8440431

00:25:20.996 --> 00:25:21.929 in our capacity.

NOTE Confidence: 0.8440431

00:25:21.930 --> 00:25:23.981 Allow us to do more patients and

NOTE Confidence: 0.8440431

00:25:23.981 --> 00:25:25.876 do real research in this area if

NOTE Confidence: 0.8440431

00:25:25.876 --> 00:25:27.760 you know how to make the cells

NOTE Confidence: 0.8440431

00:25:27.760 --> 00:25:29.312 and various scientific questions

NOTE Confidence: 0.8440431

00:25:29.312 --> 00:25:31.252 that can be addressed with

NOTE Confidence: 0.8105778

00:25:31.260 --> 00:25:31.908 this technology.

NOTE Confidence: 0.8105778

00:25:31.908 --> 00:25:34.176 This is also matched with a new

NOTE Confidence: 0.8105778

00:25:34.176 --> 00:25:35.712 effort of Frederick National Lab

NOTE Confidence: 0.8105778

00:25:35.712 --> 00:25:37.860 to make car T cells for usage.

NOTE Confidence: 0.8105778

00:25:37.860 --> 00:25:40.009 With Intramurally at the NCI as well

NOTE Confidence: 0.8105778

00:25:40.009 --> 00:25:41.919 as Extramurally and consortia trials.

NOTE Confidence: 0.8105778

00:25:41.920 --> 00:25:44.552 And that facility is now open and we

NOTE Confidence: 0.8105778

00:25:44.552 --> 00:25:46.495 have aspirations of creating a vector

NOTE Confidence: 0.8105778

00:25:46.495 --> 00:25:48.757 facility up there as well to provide

NOTE Confidence: 0.8105778

00:25:48.757 --> 00:25:51.326 vector for Carty in other kinds of

NOTE Confidence: 0.8105778

00:25:51.326 --> 00:25:52.882 cellular therapy trials nationally.

NOTE Confidence: 0.8105778

00:25:52.882 --> 00:25:55.759 So a lot going on in cellular

NOTE Confidence: 0.8105778

00:25:55.759 --> 00:25:57.870 immunotherapy both inside the NCI

NOTE Confidence: 0.8105778

00:25:57.870 --> 00:25:59.900 and extramurally next slide please.

NOTE Confidence: 0.8105778

00:25:59.900 --> 00:26:02.217 I'd like to highlight a few uh,

NOTE Confidence: 0.8105778

00:26:02.220 --> 00:26:03.875 items from the annual plan

NOTE Confidence: 0.8105778

00:26:03.875 --> 00:26:04.868 and budget proposals,

NOTE Confidence: 0.8105778

00:26:04.870 --> 00:26:07.014 so I think many of you are probably

NOTE Confidence: 0.8105778

00:26:07.014 --> 00:26:09.168 aware the National Cancer Institute,

NOTE Confidence: 0.8105778

00:26:09.170 --> 00:26:11.204 because the National Cancer Act is

NOTE Confidence: 0.8105778

00:26:11.204 --> 00:26:13.602 has a special ability to provide a

NOTE Confidence: 0.8105778

00:26:13.602 --> 00:26:15.564 bypass budget to directly to Congress

NOTE Confidence: 0.8105778

00:26:15.564 --> 00:26:17.835 and the White House by passing some

NOTE Confidence: 0.8105778

00:26:17.835 --> 00:26:19.750 of the usual process every year.

NOTE Confidence: 0.8105778

00:26:19.750 --> 00:26:22.740 And it's done for the next next fiscal year.

NOTE Confidence: 0.8105778

00:26:22.740 --> 00:26:24.726 So in this case is 2022,

NOTE Confidence: 0.8105778

00:26:24.730 --> 00:26:26.890 and we use that opportunity to

NOTE Confidence: 0.8105778

00:26:26.890 --> 00:26:28.330 talk about some opportunities

NOTE Confidence: 0.8105778

00:26:28.397 --> 00:26:30.197 in Cancer Research as well as.

NOTE Confidence: 0.8105778

00:26:30.200 --> 00:26:31.828 You know budgetary priorities

NOTE Confidence: 0.8105778

00:26:31.828 --> 00:26:33.456 going into the future,

NOTE Confidence: 0.8105778

00:26:33.460 --> 00:26:36.556 and you know this year we

NOTE Confidence: 0.8105778

00:26:36.556 --> 00:26:38.104 talked special specifically.

NOTE Confidence: 0.8105778

00:26:38.110 --> 00:26:40.570 I already's like drug resistance

NOTE Confidence: 0.8105778

00:26:40.570 --> 00:26:42.538 and Molecular Diagnostics for

NOTE Confidence: 0.8105778

00:26:42.538 --> 00:26:44.819 cancer treatments and the role.

NOTE Confidence: 0.8105778

00:26:44.820 --> 00:26:45.141 Sure,

NOTE Confidence: 0.8105778

00:26:45.141 --> 00:26:47.067 and the topic of cancer survivorship

NOTE Confidence: 0.8105778

00:26:47.067 --> 00:26:48.884 and and really focus opportunities

NOTE Confidence: 0.8105778

00:26:48.884 --> 00:26:50.770 in those areas. Next slide.

NOTE Confidence: 0.8105778

00:26:50.770 --> 00:26:52.170 But from my perspective,

NOTE Confidence: 0.8105778

00:26:52.170 --> 00:26:53.920 here is probably the most

NOTE Confidence: 0.8105778

00:26:53.920 --> 00:26:55.670 important graphic in the plan,

NOTE Confidence: 0.8105778

00:26:55.670 --> 00:26:58.148 and that's looking at the dollar amounts

NOTE Confidence: 0.8105778

00:26:58.148 --> 00:27:00.919 that I showed before of the NCI budget.

NOTE Confidence: 0.8105778

00:27:00.920 --> 00:27:03.720 But now in relation to the RPG pool,

NOTE Confidence: 0.8105778

00:27:03.720 --> 00:27:04.840 which is a set,

NOTE Confidence: 0.8105778

00:27:04.840 --> 00:27:07.334 is the pool funds that funds are ones

NOTE Confidence: 0.8105778

00:27:07.334 --> 00:27:09.584 and peo ones an investigator initiated

NOTE Confidence: 0.8105778

00:27:09.584 --> 00:27:12.118 awards that are familiar to scientists,

NOTE Confidence: 0.8105778

00:27:12.120 --> 00:27:15.882 Yale and it shows the pay lines of those.

NOTE Confidence: 0.8105778

00:27:15.890 --> 00:27:17.588 You know one of those grant

NOTE Confidence: 0.8105778

00:27:17.588 --> 00:27:18.720 mechanisms dro one mechanism,

NOTE Confidence: 0.8105778

00:27:18.720 --> 00:27:21.573 which is a good proxy for pay lines in

NOTE Confidence: 0.8105778

00:27:21.573 --> 00:27:23.898 general at the NCI starting in 2013.

NOTE Confidence: 0.8105778

00:27:23.900 --> 00:27:26.021 And it really makes clear are for

NOTE Confidence: 0.8105778

00:27:26.021 --> 00:27:27.975 explicit goal of the National Cancer

NOTE Confidence: 0.8105778

00:27:27.975 --> 00:27:29.937 Institute of reaching up a line

NOTE Confidence: 0.8105778

00:27:29.937 --> 00:27:32.026 of the 15th percentile by 2025,

NOTE Confidence: 0.8105778

00:27:32.030 --> 00:27:33.980 or this 15 by 25 plan.

NOTE Confidence: 0.8105778

00:27:33.980 --> 00:27:36.255 Please note the left Y axis that

NOTE Confidence: 0.8105778

00:27:36.255 --> 00:27:37.230 it shows dollars.

NOTE Confidence: 0.8105778

00:27:37.230 --> 00:27:39.360 The amount of funding needed to

NOTE Confidence: 0.8105778

00:27:39.360 --> 00:27:41.639 increase to really get pay lines up

NOTE Confidence: 0.8105778

00:27:41.639 --> 00:27:44.050 from the 8% they were in 2019 after

NOTE Confidence: 0.8105778

00:27:44.050 --> 00:27:46.975 the 15% to which we aspire in 2020 alone.

NOTE Confidence: 0.8105778

00:27:46.980 --> 00:27:49.580 That's on the order of 200 million dollars.

NOTE Confidence: 0.8105778

00:27:49.580 --> 00:27:51.170 That was the increase this

NOTE Confidence: 0.8105778

00:27:51.170 --> 00:27:53.150 fiscal year to the RPG pool.

NOTE Confidence: 0.8105778

00:27:53.150 --> 00:27:56.366 To go from 8th percentile to 10th percentile.

NOTE Confidence: 0.8105778

00:27:56.370 --> 00:27:56.912 For comparison,

NOTE Confidence: 0.8105778

00:27:56.912 --> 00:27:58.267 the entire cancers Jenner program,

NOTE Confidence: 0.8105778

00:27:58.270 --> 00:28:00.446 which is one of the most popular things,

NOTE Confidence: 0.8105778

00:28:00.450 --> 00:28:02.250 and I would argue one of the best

NOTE Confidence: 0.8105778

00:28:02.250 --> 00:28:03.743 things the NC ideas and certainly

NOTE Confidence: 0.8105778

00:28:03.743 --> 00:28:05.607 is not an area where many people

NOTE Confidence: 0.8105778

00:28:05.607 --> 00:28:07.272 have complained that the cancer

NOTE Confidence: 0.8105778

00:28:07.272 --> 00:28:08.604 program is over resourced,

NOTE Confidence: 0.8105778

00:28:08.610 --> 00:28:10.242 but the entire budget of the

NOTE Confidence: 0.8105778

00:28:10.242 --> 00:28:11.330 cancer program is $300.00,

NOTE Confidence: 0.8105778

00:28:11.330 --> 00:28:13.290 so this is really kind of creating

NOTE Confidence: 0.8105778

00:28:13.290 --> 00:28:15.216 a program of that size every year

NOTE Confidence: 0.8105778

00:28:15.216 --> 00:28:17.589 for a few years to get pay lines up.

NOTE Confidence: 0.8105778

00:28:17.590 --> 00:28:19.264 That's how expensive the RPG pool

NOTE Confidence: 0.8105778

00:28:19.264 --> 00:28:20.380 is to get a

NOTE Confidence: 0.81507653

00:28:20.445 --> 00:28:23.045 lines up to the area where we need them to

NOTE Confidence: 0.81507653

00:28:23.114 --> 00:28:26.030 be, but I think this is really important.

NOTE Confidence: 0.81507653

00:28:26.030 --> 00:28:27.776 Welcoming career for junior scientist Abdon.

NOTE Confidence: 0.81507653

00:28:27.780 --> 00:28:30.414 Come to Cancer Research and see 8% pay lines.

NOTE Confidence: 0.81507653

00:28:30.414 --> 00:28:32.750 I think that we will lose key scientists,

NOTE Confidence: 0.81507653

00:28:32.750 --> 00:28:34.670 other fields and I think it's

NOTE Confidence: 0.81507653

00:28:34.670 --> 00:28:36.830 really just very hard to run a lab.

NOTE Confidence: 0.81507653

00:28:36.830 --> 00:28:38.582 You know with that sort of

NOTE Confidence: 0.81507653

00:28:38.582 --> 00:28:39.458 uncertainty around funding.

NOTE Confidence: 0.81507653

00:28:39.460 --> 00:28:41.210 And so I think that getting RPG

NOTE Confidence: 0.81507653

00:28:41.210 --> 00:28:42.969 funding up is really important.

NOTE Confidence: 0.81507653

00:28:42.970 --> 00:28:45.550 There is no way to do this just by taking

NOTE Confidence: 0.81507653

00:28:45.613 --> 00:28:48.229 monies from other parts of the NCI and

NOTE Confidence: 0.81507653

00:28:48.229 --> 00:28:50.268 spending more in the RPG pull that.

NOTE Confidence: 0.81507653

00:28:50.270 --> 00:28:51.926 That will not work because of

NOTE Confidence: 0.81507653

00:28:51.926 --> 00:28:53.480 the amounts of money needed.

NOTE Confidence: 0.81507653

00:28:53.480 --> 00:28:55.433 So really the only way we will

NOTE Confidence: 0.81507653

00:28:55.433 --> 00:28:57.429 be able to match this goal.

NOTE Confidence: 0.81507653

00:28:57.430 --> 00:28:58.614 Highly aspirational goals with

NOTE Confidence: 0.81507653

00:28:58.614 --> 00:28:59.798 some support from Congress.

NOTE Confidence: 0.81507653

00:28:59.800 --> 00:29:00.940 But as I showed,

NOTE Confidence: 0.81507653

00:29:00.940 --> 00:29:02.650 the good news is the Congress

NOTE Confidence: 0.81507653

00:29:02.714 --> 00:29:04.460 has been very supportive of the

NOTE Confidence: 0.81507653

00:29:04.460 --> 00:29:06.310 eye of the last few years,

NOTE Confidence: 0.81507653

00:29:06.310 --> 00:29:07.494 and hopefully that strong

NOTE Confidence: 0.81507653

00:29:07.494 --> 00:29:08.678 bipartisan support will continue.

NOTE Confidence: 0.81507653

00:29:08.680 --> 00:29:10.252 Next slide, please.

NOTE Confidence: 0.81507653

00:29:10.252 --> 00:29:11.300 And Lastly,

NOTE Confidence: 0.81507653

00:29:11.300 --> 00:29:13.743 I just won't wrap up by mentioning

NOTE Confidence: 0.81507653

00:29:13.743 --> 00:29:16.240 the 2021 is the 50th anniversary

NOTE Confidence: 0.81507653

00:29:16.240 --> 00:29:18.520 of the National Cancer Act.

NOTE Confidence: 0.81507653

00:29:18.520 --> 00:29:20.525 This legislation did not create

NOTE Confidence: 0.81507653

00:29:20.525 --> 00:29:22.129 the National Cancer Institute,

NOTE Confidence: 0.81507653

00:29:22.130 --> 00:29:25.082 but it did authorize a number of programs

NOTE Confidence: 0.81507653

00:29:25.082 --> 00:29:28.021 that really now form the backbone of

NOTE Confidence: 0.81507653

00:29:28.021 --> 00:29:30.146 the National Cancer research effort.

NOTE Confidence: 0.81507653

00:29:30.150 --> 00:29:32.957 This includes things like the seer program,

NOTE Confidence: 0.81507653

00:29:32.960 --> 00:29:34.560 the Epidemiology program includes

NOTE Confidence: 0.81507653

00:29:34.560 --> 00:29:36.160 the cancer centers program.

NOTE Confidence: 0.81507653

00:29:36.160 --> 00:29:38.170 It includes Frederick National Lab,

NOTE Confidence: 0.81507653

00:29:38.170 --> 00:29:39.862 where the nations national

NOTE Confidence: 0.81507653

00:29:39.862 --> 00:29:40.708 applicants research.

NOTE Confidence: 0.81507653

00:29:40.710 --> 00:29:42.366 It made the NCI director presidential

NOTE Confidence: 0.81507653

00:29:42.366 --> 00:29:43.470 appointee and created the

NOTE Confidence: 0.81507653

00:29:43.519 --> 00:29:44.879 National Cancer Advisory Board.

NOTE Confidence: 0.81507653

00:29:44.880 --> 00:29:45.340 You know,

NOTE Confidence: 0.81507653

00:29:45.340 --> 00:29:47.180 the NCA really did a number of very

NOTE Confidence: 0.81507653

00:29:47.239 --> 00:29:49.141 important and critical things for Cancer

NOTE Confidence: 0.81507653

00:29:49.141 --> 00:29:50.820 Research and the 50th anniversary

NOTE Confidence: 0.81507653

00:29:50.820 --> 00:29:52.926 of this is really worth celebrating.

NOTE Confidence: 0.81507653

00:29:52.930 --> 00:29:53.486 You know,

NOTE Confidence: 0.81507653

00:29:53.486 --> 00:29:55.154 we can talk about our progress

NOTE Confidence: 0.81507653

00:29:55.154 --> 00:29:56.799 over the last five decades,

NOTE Confidence: 0.81507653

00:29:56.800 --> 00:29:59.184 but as I see as I see it,

NOTE Confidence: 0.81507653

00:29:59.190 --> 00:30:00.162 what's more important?

NOTE Confidence: 0.81507653

00:30:00.162 --> 00:30:02.106 What the National Cancer act provided

NOTE Confidence: 0.81507653

00:30:02.106 --> 00:30:04.157 in terms of Cancer Research was what

00:30:04.157 --> 00:30:05.840 it meant to patients back then.

00:30:05.840 --> 00:30:08.207 In a world where cancer at that time was

00:30:08.207 --> 00:30:10.538 still something that no one talked about,

00:30:10.540 --> 00:30:12.340 it was a diagnosis that you

00:30:12.340 --> 00:30:14.359 spoke up in whispers and the axe,

00:30:14.360 --> 00:30:14.910 you know,

00:30:14.910 --> 00:30:16.560 led by Mary Lasker and others

00:30:16.560 --> 00:30:18.086 really drew the nation's attention

00:30:18.086 --> 00:30:20.235 not just to the tragedy of cancer,

00:30:20.240 --> 00:30:21.710 but the hope of research.

00:30:21.710 --> 00:30:24.054 And that hope is not limited to cancer.

00:30:24.060 --> 00:30:25.535 Francis Collins calls the NIH

00:30:25.535 --> 00:30:26.420 the National Institute.

00:30:26.420 --> 00:30:28.702 Hope I'm sure many of you have

00:30:28.702 --> 00:30:30.339 heard him call it that.

00:30:30.340 --> 00:30:32.170 And I think you know during

NOTE Confidence: 0.81507653

00:30:32.170 --> 00:30:33.085 this difficult period,

NOTE Confidence: 0.81507653

00:30:33.090 --> 00:30:35.022 hope is is something we could all

NOTE Confidence: 0.81507653

00:30:35.022 --> 00:30:37.571 use a bit more of and and I think

NOTE Confidence: 0.81507653

00:30:37.571 --> 00:30:39.798 that the NCA really started us down

NOTE Confidence: 0.81507653

00:30:39.798 --> 00:30:41.916 this very important path to turn

NOTE Confidence: 0.81507653

00:30:41.916 --> 00:30:44.083 cancer from a scene is sort of a

NOTE Confidence: 0.81507653

00:30:44.083 --> 00:30:45.916 death sentence to a hopeful disease

NOTE Confidence: 0.81507653

00:30:45.916 --> 00:30:47.902 where we were making this since

NOTE Confidence: 0.81507653

00:30:47.902 --> 00:30:50.226 we're making really a lot of progress,

NOTE Confidence: 0.81507653

00:30:50.230 --> 00:30:51.755 although we still have importantly

NOTE Confidence: 0.81507653

00:30:51.755 --> 00:30:52.975 a ways to go,

NOTE Confidence: 0.81507653

00:30:52.980 --> 00:30:57.597 it is an area where one can certainly hope.

NOTE Confidence: 0.81507653

00:30:57.600 --> 00:30:58.596 Next slide please.

NOTE Confidence: 0.81507653

00:30:58.596 --> 00:31:00.920 So those are my remarks for today.

NOTE Confidence: 0.8535094

00:31:00.920 --> 00:31:03.690 I you know I want to thank you all for

NOTE Confidence: 0.8535094

00:31:03.764 --> 00:31:06.900 coming and listening and letting me wax on.

NOTE Confidence: 0.8535094

00:31:06.900 --> 00:31:09.056 I also want to thank the scientists

NOTE Confidence: 0.8535094

00:31:09.056 --> 00:31:11.111 and clinicians of Yale for their

NOTE Confidence: 0.8535094

00:31:11.111 --> 00:31:12.539 efforts during the pandemic.

NOTE Confidence: 0.8535094

00:31:12.540 --> 00:31:14.382 I know this has not been

NOTE Confidence: 0.8535094

00:31:14.382 --> 00:31:16.190 an easy period for anyone,

NOTE Confidence: 0.8535094

00:31:16.190 --> 00:31:18.514 but I think you know it's really

NOTE Confidence: 0.8535094

00:31:18.514 --> 00:31:20.528 the efforts of great doctors and

NOTE Confidence: 0.8535094

00:31:20.528 --> 00:31:22.616 scientists at a place like Yale

NOTE Confidence: 0.8535094

00:31:22.616 --> 00:31:24.987 that have made this less bad for

NOTE Confidence: 0.8535094

00:31:24.987 --> 00:31:27.150 our patients than it had to be.

NOTE Confidence: 0.8535094

00:31:27.150 --> 00:31:28.318 So I'm very appreciative.

NOTE Confidence: 0.8535094

00:31:28.318 --> 00:31:30.228 Efforts and you know, as I said,

NOTE Confidence: 0.8535094

00:31:30.228 --> 00:31:31.950 the NCI is very eager to help

NOTE Confidence: 0.8535094

00:31:32.011 --> 00:31:33.607 out in ways if we're able.

NOTE Confidence: 0.8535094

00:31:33.610 --> 00:31:35.626 So thank you, thank you.

NOTE Confidence: 0.8535094

00:31:35.626 --> 00:31:36.840 That was a

NOTE Confidence: 0.813838

00:31:36.840 --> 00:31:39.540 fabulous update and I invite our

NOTE Confidence: 0.813838

00:31:39.540 --> 00:31:41.340 colleagues to submit questions

NOTE Confidence: 0.813838

00:31:41.420 --> 00:31:43.709 either on the chat or Q&A Lines,

NOTE Confidence: 0.813838

00:31:43.710 --> 00:31:45.725 but while folks who are

NOTE Confidence: 0.813838

00:31:45.725 --> 00:31:46.934 submitting their questions,

NOTE Confidence: 0.813838

00:31:46.940 --> 00:31:49.370 let me ask a few things.

NOTE Confidence: 0.813838

00:31:49.370 --> 00:31:52.184 First, I know you you recently offered.

NOTE Confidence: 0.813838

00:31:52.190 --> 00:31:54.857 What are the sort of initiatives are

NOTE Confidence: 0.813838

00:31:54.857 --> 00:31:57.040 priorities for the coming budget,

NOTE Confidence: 0.813838

00:31:57.040 --> 00:31:58.213 and I wonder,

NOTE Confidence: 0.813838

00:31:58.213 --> 00:32:00.950 I wonder if you wanted to share

NOTE Confidence: 0.813838

00:32:01.040 --> 00:32:03.910 some of that and elaborate on it.

NOTE Confidence: 0.8587022

00:32:05.000 --> 00:32:06.110 Sure, I think.

NOTE Confidence: 0.823669

00:32:08.590 --> 00:32:09.975 You're just going with the

NOTE Confidence: 0.823669

00:32:09.975 --> 00:32:12.136 bypass budget here, so that is.

NOTE Confidence: 0.823669

00:32:12.136 --> 00:32:15.230 We we highlighted a few scientific areas,

NOTE Confidence: 0.823669

00:32:15.230 --> 00:32:17.110 for example obesity and cancer,

NOTE Confidence: 0.823669

00:32:17.110 --> 00:32:20.170 or cancer resistance to therapy.

NOTE Confidence: 0.823669

00:32:20.170 --> 00:32:22.354 But I think it's an interesting story.

NOTE Confidence: 0.823669

00:32:22.360 --> 00:32:24.453 How best to use the bypass budget

NOTE Confidence: 0.823669

00:32:24.453 --> 00:32:26.687 in the NCI's waiver due at one

NOTE Confidence: 0.823669

00:32:26.687 --> 00:32:28.595 point one 500 Page document and

NOTE Confidence: 0.823669

00:32:28.665 --> 00:32:30.807 now it's down to a slim pamphlet.

NOTE Confidence: 0.823669

00:32:30.810 --> 00:32:32.798 But I, my belief is it's most

NOTE Confidence: 0.823669

00:32:32.798 --> 00:32:35.044 effective as a means to talk to

NOTE Confidence: 0.823669

00:32:35.044 --> 00:32:37.024 Congress about a limited number of

NOTE Confidence: 0.823669

00:32:37.092 --> 00:32:38.952 issues that are very important in

NOTE Confidence: 0.823669

00:32:38.952 --> 00:32:41.452 CI and the one that I think we've

NOTE Confidence: 0.823669

00:32:41.452 --> 00:32:43.017 highlighted this year for sure,

NOTE Confidence: 0.823669

00:32:43.020 --> 00:32:46.836 and this too a little bit last year.

NOTE Confidence: 0.823669

00:32:46.840 --> 00:32:48.324 The lines because Congress

NOTE Confidence: 0.823669

00:32:48.324 --> 00:32:49.808 just heard about that.

NOTE Confidence: 0.823669

00:32:49.810 --> 00:32:52.096 So a number of scientists and

NOTE Confidence: 0.823669

00:32:52.096 --> 00:32:54.023 particularly number of people from

NOTE Confidence: 0.823669

00:32:54.023 --> 00:32:56.039 the Cancer Center Program have gone

NOTE Confidence: 0.823669

00:32:56.039 --> 00:32:58.339 on the Hill and explained that,

NOTE Confidence: 0.823669

00:32:58.340 --> 00:33:00.055 you know, eight percentile is

NOTE Confidence: 0.823669

00:33:00.055 --> 00:33:02.420 just no way to run science,

NOTE Confidence: 0.823669

00:33:02.420 --> 00:33:04.737 and the reason our pay lines have

NOTE Confidence: 0.823669

00:33:04.737 --> 00:33:07.015 been solo in fairness isn't that

NOTE Confidence: 0.823669

00:33:07.015 --> 00:33:09.836 we're not eager to fund such grants.

NOTE Confidence: 0.823669

00:33:09.840 --> 00:33:12.402 It's that we've been inundated with the

NOTE Confidence: 0.823669

00:33:12.402 --> 00:33:14.671 number of applications to the National

NOTE Confidence: 0.823669

00:33:14.671 --> 00:33:16.516 Cancer suit has rapidly increased.

NOTE Confidence: 0.823669

00:33:16.520 --> 00:33:17.210 We've gotten.

00:33:17.210 --> 00:33:19.280 Bigger, increase the number inside and

00:33:19.280 --> 00:33:21.669 the rest of the United combined right?

00:33:21.670 --> 00:33:23.300 So Cancer Research is hot,

00:33:23.300 --> 00:33:23.858 it's what.

00:33:23.858 --> 00:33:25.811 It's it's where it's at and mini

00:33:25.811 --> 00:33:27.855 basic scientists now want to come

00:33:27.855 --> 00:33:29.560 into Cancer Research for sending

00:33:29.626 --> 00:33:31.446 us new applications for funding.

00:33:31.450 --> 00:33:33.080 And that's a real opportunity.

00:33:33.080 --> 00:33:34.710 I certainly don't think the

00:33:34.710 --> 00:33:35.688 NCI is interesting,

00:33:35.690 --> 00:33:37.320 discouraging the scientists and saying,

00:33:37.320 --> 00:33:39.270 well, you can write a grant,

00:33:39.270 --> 00:33:41.878 but you have no chance of getting funding.

00:33:41.880 --> 00:33:44.192 I think we really have to realize that

00:33:44.192 --> 00:33:46.685 this moment there's a reason why everyone

NOTE Confidence: 0.823669

00:33:46.685 --> 00:33:48.950 is is considering case researchers clear.

NOTE Confidence: 0.823669

00:33:48.950 --> 00:33:50.672 And sending us grants and we

NOTE Confidence: 0.823669

00:33:50.672 --> 00:33:52.437 have to take advantage of this

NOTE Confidence: 0.823669

00:33:52.437 --> 00:33:54.093 opportunity and trying to fund it

NOTE Confidence: 0.823669

00:33:54.093 --> 00:33:55.778 as many of those as we can,

NOTE Confidence: 0.823669

00:33:55.780 --> 00:33:57.346 and in particular for early career

NOTE Confidence: 0.823669

00:33:57.346 --> 00:33:59.560 scientists and and by the way that that

NOTE Confidence: 0.823669

00:33:59.560 --> 00:34:01.240 pay line is for established investigators.

NOTE Confidence: 0.823669

00:34:01.240 --> 00:34:02.794 The pay line for early stage

NOTE Confidence: 0.823669

00:34:02.794 --> 00:34:04.240 investigators is a bit higher.

NOTE Confidence: 0.823669

00:34:04.240 --> 00:34:06.424 It's on the order of 5% higher than

NOTE Confidence: 0.823669

00:34:06.424 --> 00:34:08.328 whatever the RO one pay line is.

NOTE Confidence: 0.823669

00:34:08.330 --> 00:34:09.968 So 8 to 13 or something.

NOTE Confidence: 0.823669

00:34:09.970 --> 00:34:11.335 But that's still pretty low

NOTE Confidence: 0.823669

00:34:11.335 --> 00:34:12.427 for a new investigator,

NOTE Confidence: 0.823669

00:34:12.430 --> 00:34:14.002 and so we need that number

NOTE Confidence: 0.823669

00:34:14.002 --> 00:34:15.430 to be higher as well.

NOTE Confidence: 0.823669

00:34:15.430 --> 00:34:16.780 To really make a cancer a

NOTE Confidence: 0.823669

00:34:16.780 --> 00:34:18.110 welcoming career for early stage

NOTE Confidence: 0.823669

00:34:18.110 --> 00:34:19.247 an established investigators.

NOTE Confidence: 0.7489178

00:34:20.160 --> 00:34:22.368 Yeah, thank you. So then Demayo,

NOTE Confidence: 0.7489178

00:34:22.370 --> 00:34:24.960 who's our deputy director for the L

NOTE Confidence: 0.7489178

00:34:24.960 --> 00:34:26.800 Kansas Center, asked the following,

NOTE Confidence: 0.7489178

00:34:26.800 --> 00:34:29.752 which is could you comment on the NCI

NOTE Confidence: 0.7489178

00:34:29.752 --> 00:34:32.339 commitment and plans for the PO1 grants?

NOTE Confidence: 0.8729682

00:34:33.920 --> 00:34:35.870 One is an interesting thing.

NOTE Confidence: 0.8729682

00:34:35.870 --> 00:34:39.236 So First off, there's a bit of data the

NOTE Confidence: 0.8729682

00:34:39.236 --> 00:34:42.110 National Cancer has done an analysis of,

NOTE Confidence: 0.8729682

00:34:42.110 --> 00:34:44.350 you know, sort of the.

NOTE Confidence: 0.8729682

00:34:44.350 --> 00:34:45.946 Research productivity by dollar

NOTE Confidence: 0.8729682

00:34:45.946 --> 00:34:47.941 for various mechanisms and you

NOTE Confidence: 0.8729682

00:34:47.941 --> 00:34:50.124 know the finding is that by some

NOTE Confidence: 0.8729682

00:34:50.124 --> 00:34:51.809 metrics at least the peo one.

NOTE Confidence: 0.8729682

00:34:51.810 --> 00:34:53.868 Maybe the best way to spend

NOTE Confidence: 0.8729682

00:34:53.868 --> 00:34:55.879 the science dollar at the NCI.

NOTE Confidence: 0.8729682

00:34:55.880 --> 00:34:57.854 It's highly effective in terms of

NOTE Confidence: 0.8729682

00:34:57.854 --> 00:34:59.921 leading to publications and new funding

NOTE Confidence: 0.8729682

00:34:59.921 --> 00:35:01.576 and clinical trials, for example.

NOTE Confidence: 0.8729682

00:35:01.576 --> 00:35:04.040 And so and I think I I that

NOTE Confidence: 0.8729682

00:35:04.122 --> 00:35:06.047 result feels right to me.

NOTE Confidence: 0.8729682

00:35:06.050 --> 00:35:08.372 I had a PO1 at one time and you

NOTE Confidence: 0.8729682

00:35:08.372 --> 00:35:10.563 know it was a self assembled

NOTE Confidence: 0.8729682

00:35:10.563 --> 00:35:12.977 group of scientists that had a

NOTE Confidence: 0.8729682

00:35:12.977 --> 00:35:14.869 similar research interests and.

NOTE Confidence: 0.8729682

00:35:14.870 --> 00:35:16.837 Synergy research efforts and we also were

NOTE Confidence: 0.8729682

00:35:16.837 --> 00:35:18.459 a little competitive with each other.

69

00:35:18.460 --> 00:35:19.888 Nobody wanted to let the team

00:35:19.888 --> 00:35:21.797 down and we all wanted to publish

00:35:21.797 --> 00:35:23.603 and make advances and share our

00:35:23.603 --> 00:35:24.809 science with each other.

00:35:24.810 --> 00:35:26.170 So it worked because they

00:35:26.170 --> 00:35:27.840 you know it was it was.

00:35:27.840 --> 00:35:29.828 It was self initiated in self assembled

00:35:29.828 --> 00:35:31.843 and really not not by disease or by

00:35:31.843 --> 00:35:33.636 center or some of the other criteria

00:35:33.636 --> 00:35:35.848 that are used to create research teams.

00:35:35.850 --> 00:35:39.399 But really driven by cyantific you know.

00:35:39.400 --> 00:35:39.944 Shared interests,

00:35:39.944 --> 00:35:42.473 and so I think the pier one is a

00:35:42.473 --> 00:35:44.237 successful mechanism and one at the

00:35:44.237 --> 00:35:46.084 NCI should try and fund against

00:35:46.084 --> 00:35:48.184 that backdrop for a bunch of strange

NOTE Confidence: 0.8729682

00:35:48.190 --> 00:35:49.948 reasons that I don't totally understand.

NOTE Confidence: 0.8729682

00:35:49.950 --> 00:35:51.708 The number of people once submitted,

NOTE Confidence: 0.8729682

00:35:51.710 --> 00:35:53.462 the NCI went down strikingly up

NOTE Confidence: 0.8729682

00:35:53.462 --> 00:35:55.222 until about 2017, so there was,

NOTE Confidence: 0.8729682

00:35:55.222 --> 00:35:56.982 I think, word had gotten out.

NOTE Confidence: 0.8729682

00:35:56.982 --> 00:35:58.740 They become very hard to get.

NOTE Confidence: 0.8729682

00:35:58.740 --> 00:35:59.812 They were, you know,

NOTE Confidence: 0.8729682

00:35:59.812 --> 00:36:02.420 there are a lot of work to put together

NOTE Confidence: 0.8729682

00:36:02.420 --> 00:36:04.597 and I think for variety of reasons,

NOTE Confidence: 0.8729682

00:36:04.600 --> 00:36:06.592 investigators sort of decided they were

NOTE Confidence: 0.8729682

00:36:06.592 --> 00:36:09.530 going to go on to multi PR ones or

NOTE Confidence: 0.8729682

00:36:09.530 --> 00:36:11.749 spores or some other mechanism and so we.

NOTE Confidence: 0.8729682

00:36:11.750 --> 00:36:13.773 We saw a decreased in peo and

NOTE Confidence: 0.8729682

00:36:13.773 --> 00:36:15.920 applications and the NCI didn't like that.

NOTE Confidence: 0.8729682

00:36:15.920 --> 00:36:18.256 I mean we think this is an important

NOTE Confidence: 0.8729682

00:36:18.256 --> 00:36:20.505 mechanism and enter the last few years

NOTE Confidence: 0.8729682

00:36:20.505 --> 00:36:22.440 we've been trying to encourage that

NOTE Confidence: 0.8729682

00:36:22.440 --> 00:36:24.584 pool to come back by funding more of

NOTE Confidence: 0.8729682

00:36:24.584 --> 00:36:26.708 them by putting more money into the

NOTE Confidence: 0.8729682

00:36:26.708 --> 00:36:28.739 PO1 pool through within the RPG pool,

NOTE Confidence: 0.8729682

00:36:28.740 --> 00:36:30.819 tapio ones or one part of that.

NOTE Confidence: 0.8729682

00:36:30.820 --> 00:36:32.608 But also by talking about this.

NOTE Confidence: 0.8729682

00:36:32.610 --> 00:36:33.232 You know,

NOTE Confidence: 0.8729682

00:36:33.232 --> 00:36:35.409 we've been very Frank that we think

NOTE Confidence: 0.8729682

00:36:35.409 --> 00:36:37.380 there are a lot of great people.

NOTE Confidence: 0.8729682

00:36:37.380 --> 00:36:39.116 One ideas that we need to get

NOTE Confidence: 0.8729682

00:36:39.116 --> 00:36:40.766 and then most recently creating

NOTE Confidence: 0.8729682

00:36:40.766 --> 00:36:42.458 even a supplement program.

NOTE Confidence: 0.8729682

00:36:42.460 --> 00:36:44.278 We had this for cancer supplements

NOTE Confidence: 0.8729682

00:36:44.278 --> 00:36:46.245 to try and really incentivize the

NOTE Confidence: 0.8729682

00:36:46.245 --> 00:36:47.965 cancer centers to put together

NOTE Confidence: 0.8729682

00:36:47.965 --> 00:36:49.939 some peo one teams to apply.

NOTE Confidence: 0.8729682

00:36:49.940 --> 00:36:51.823 Some of those efforts may lead to

NOTE Confidence: 0.8729682

00:36:51.823 --> 00:36:54.208 other kinds of team science like spores

NOTE Confidence: 0.8729682

00:36:54.208 --> 00:36:56.108 or maybe Cancer Research challenges.

NOTE Confidence: 0.8729682

00:36:56.110 --> 00:36:57.061 Or that's fine.

NOTE Confidence: 0.8729682

00:36:57.061 --> 00:37:00.009 You know they don't have to turn into ones,

NOTE Confidence: 0.8729682

00:37:00.010 --> 00:37:02.593 but I do think that that model of team

NOTE Confidence: 0.8729682

00:37:02.593 --> 00:37:04.384 science is successful on something

NOTE Confidence: 0.8729682

00:37:04.384 --> 00:37:06.786 the NCI wants to support, so I.

NOTE Confidence: 0.8729682

00:37:06.786 --> 00:37:08.574 I hope my comments will encourage

NOTE Confidence: 0.8729682

00:37:08.574 --> 00:37:10.539 any of you thinking about writing

NOTE Confidence: 0.8729682

00:37:10.539 --> 00:37:12.483 a video one to do that.

NOTE Confidence: 0.8067684

00:37:12.490 --> 00:37:14.848 The the the chance of getting one of those

NOTE Confidence: 0.8067684

00:37:14.848 --> 00:37:17.313 is not bad now compared to the other parts

NOTE Confidence: 0.8067684

00:37:17.313 --> 00:37:19.699 of the RPG Bowl mean it's not easy to

NOTE Confidence: 0.8067684

00:37:19.699 --> 00:37:22.060 get any grant from the eye to be honest.

NOTE Confidence: 0.8067684

00:37:22.060 --> 00:37:23.866 But the peo ones are really no

NOTE Confidence: 0.8067684

00:37:23.866 --> 00:37:25.260 more difficult than Nuoro ones.

NOTE Confidence: 0.8067684

00:37:25.260 --> 00:37:27.248 For example, and and you know it

NOTE Confidence: 0.8067684

00:37:27.248 --> 00:37:30.075 is an area in the NC I would like

NOTE Confidence: 0.8067684

00:37:30.075 --> 00:37:31.343 to see more applications.

NOTE Confidence: 0.8067684

00:37:31.350 --> 00:37:32.478 Well, now that's

NOTE Confidence: 0.85188395

00:37:32.480 --> 00:37:35.680 music to our ears and I think the reason Dan

NOTE Confidence: 0.85188395

00:37:35.758 --> 00:37:38.887 asked that question is we recently started.

NOTE Confidence: 0.85188395

00:37:38.890 --> 00:37:40.780 I actually alluded to it.

NOTE Confidence: 0.85188395

00:37:40.780 --> 00:37:43.066 A pilot program of team science.

NOTE Confidence: 0.85188395

00:37:43.066 --> 00:37:45.031 Yeah, where we provide about

NOTE Confidence: 0.85188395

00:37:45.031 --> 00:37:47.186 $150,000 in pilot funds to teams

NOTE Confidence: 0.85188395

00:37:47.186 --> 00:37:49.444 with the goal that they wouldn't,

NOTE Confidence: 0.85188395

00:37:49.444 --> 00:37:50.951 you know, submit appeal,

NOTE Confidence: 0.85188395

74

00:37:50.951 --> 00:37:53.215 wanna you grant us four so

NOTE Confidence: 0.85188395

00:37:53.215 --> 00:37:55.100 really thrilled to hear that.

NOTE Confidence: 0.85188395

00:37:55.100 --> 00:37:57.494 'cause I know a number of investigators

NOTE Confidence: 0.85188395

00:37:57.494 --> 00:37:59.999 are interested and you're absolutely right.

NOTE Confidence: 0.85188395

00:38:00.000 --> 00:38:01.040 I think the rumors.

NOTE Confidence: 0.85188395

00:38:01.040 --> 00:38:02.973 Of the period of the death of

NOTE Confidence: 0.85188395

00:38:02.973 --> 00:38:04.528 the PO1 program were probably

NOTE Confidence: 0.85188395

00:38:04.528 --> 00:38:06.400 there are these spirax C theories

NOTE Confidence: 0.83479923

00:38:06.400 --> 00:38:08.150 that we did like it or something.

NOTE Confidence: 0.83479923

00:38:08.150 --> 00:38:09.900 You know that that is not true.

NOTE Confidence: 0.83479923

00:38:09.900 --> 00:38:11.900 And when I started it is NCI director.

NOTE Confidence: 0.83479923

00:38:11.900 --> 00:38:13.650 2017 I heard a lot about this.

NOTE Confidence: 0.83479923

00:38:13.650 --> 00:38:14.905 You know people have pulled

NOTE Confidence: 0.83479923

00:38:14.905 --> 00:38:16.400 me aside and meetings and say,

NOTE Confidence: 0.83479923

00:38:16.400 --> 00:38:18.650 why did you guys kill off the pier one?

NOTE Confidence: 0.83479923

00:38:18.650 --> 00:38:20.729 I will say I think the idea of some

NOTE Confidence: 0.83479923

00:38:20.729 --> 00:38:22.071 institutional funds like you described

NOTE Confidence: 0.83479923

00:38:22.071 --> 00:38:23.953 is really good idea because you can

NOTE Confidence: 0.83479923

00:38:23.953 --> 00:38:25.647 be competitive with like a fake team.

NOTE Confidence: 0.83479923

00:38:25.650 --> 00:38:27.674 You have to have a real team that's

NOTE Confidence: 0.83479923

00:38:27.674 --> 00:38:29.373 worked together that has some shared data

NOTE Confidence: 0.83479923

00:38:29.373 --> 00:38:31.341 and so there is some sort of investment

NOTE Confidence: 0.83479923

00:38:31.341 --> 00:38:33.451 costs to get these things off the ground.

NOTE Confidence: 0.83479923

00:38:33.451 --> 00:38:34.053 And that's.

NOTE Confidence: 0.83479923

00:38:34.053 --> 00:38:35.558 Also, behind the supplement program,

NOTE Confidence: 0.83479923

00:38:35.560 --> 00:38:36.204 recreated it,

NOTE Confidence: 0.83479923

00:38:36.204 --> 00:38:38.136 Ryan catalyzed some of these teams,

NOTE Confidence: 0.83479923

00:38:38.140 --> 00:38:39.424 but I think institutions

NOTE Confidence: 0.83479923

00:38:39.424 --> 00:38:41.029 like Yale they're able to

NOTE Confidence: 0.7741018

00:38:41.030 --> 00:38:43.284 do that will really have an advantage.

NOTE Confidence: 0.7741018

00:38:43.290 --> 00:38:45.072 Yeah, thank you Roy Herps fellow

NOTE Confidence: 0.7741018

00:38:45.072 --> 00:38:47.027 alumn from the Dana Farber and

NOTE Confidence: 0.7741018

00:38:47.027 --> 00:38:48.435 our chief Medical College.

NOTE Confidence: 0.7741018

00:38:48.440 --> 00:38:50.360 He actually offered a few questions

NOTE Confidence: 0.7741018

00:38:50.360 --> 00:38:52.329 but just related to the topic

NOTE Confidence: 0.7741018

00:38:52.329 --> 00:38:53.904 we discussed at Roys asking,

NOTE Confidence: 0.7741018

00:38:53.910 --> 00:38:55.520 do you envision peo ones

NOTE Confidence: 0.7741018

00:38:55.520 --> 00:38:56.808 mostly on basic science,

NOTE Confidence: 0.7741018

00:38:56.810 --> 00:38:58.420 or could they also be

NOTE Confidence: 0.7741018

00:38:58.420 --> 00:38:59.390 clinically focused, including

NOTE Confidence: 0.7741018

00:38:59.390 --> 00:39:01.000 incorporating a clinical trial, right?

NOTE Confidence: 0.7741018

00:39:01.000 --> 00:39:02.960 I can get really specific issues that

NOTE Confidence: 0.7741018

00:39:02.960 --> 00:39:05.578 some of our mechanisms are clinical trial.

NOTE Confidence: 0.7741018

00:39:05.580 --> 00:39:08.949 Not allowed. Obviously, dysport program

NOTE Confidence: 0.7741018

00:39:08.949 --> 00:39:10.930 is all about clinical trials and so,

NOTE Confidence: 0.7741018

00:39:10.930 --> 00:39:12.904 but you know whether or not appear.

NOTE Confidence: 0.7741018

00:39:12.910 --> 00:39:15.740 One could include in one of the parts of it.

NOTE Confidence: 0.7741018

00:39:15.740 --> 00:39:17.348 A clinical trial would be a

NOTE Confidence: 0.7741018

00:39:17.348 --> 00:39:18.850 question for our grants office,

NOTE Confidence: 0.7741018

00:39:18.850 --> 00:39:20.712 and anyone who has such a question

NOTE Confidence: 0.7741018

00:39:20.712 --> 00:39:22.899 can email me and I could forward them

NOTE Confidence: 0.7741018

00:39:22.899 --> 00:39:25.079 to the right person or Ordina singer,

NOTE Confidence: 0.7741018

00:39:25.080 --> 00:39:27.054 I think, would be very helpful too,

NOTE Confidence: 0.7741018

00:39:27.060 --> 00:39:29.788 but we could get you an answer if

NOTE Confidence: 0.7741018

00:39:29.788 --> 00:39:32.609 it's a specific around a trial.

NOTE Confidence: 0.7741018

00:39:32.610 --> 00:39:34.890 I will say that all the divisions at

NOTE Confidence: 0.7741018

00:39:34.890 --> 00:39:37.315 the NCI can fund people one so they

NOTE Confidence: 0.7741018

00:39:37.315 --> 00:39:39.630 don't have to come from the basic

NOTE Confidence: 0.7741018

00:39:39.630 --> 00:39:41.742 science division of these CB decd,

NOTE Confidence: 0.7741018

00:39:41.750 --> 00:39:43.325 the clinical trials division does

NOTE Confidence: 0.7741018

00:39:43.325 --> 00:39:47.310 fund peo ones as well, and there's.

NOTE Confidence: 0.7741018

00:39:47.310 --> 00:39:48.018 You know,

NOTE Confidence: 0.7741018

00:39:48.018 --> 00:39:50.142 certainly lot of great clinical science

NOTE Confidence: 0.7741018

00:39:50.142 --> 00:39:52.999 can be funded through the PO1 mechanism,

NOTE Confidence: 0.7741018

00:39:53.000 --> 00:39:55.779 but whether or not ORF are specific

NOTE Confidence: 0.7741018

00:39:55.779 --> 00:39:57.768 funding announcement related people ones

NOTE Confidence: 0.7741018

00:39:57.768 --> 00:40:00.323 allows clinical trials is the question I.

NOTE Confidence: 0.7741018

00:40:00.330 --> 00:40:02.934 After you get advice from from

NOTE Confidence: 0.7741018

00:40:02.934 --> 00:40:04.670 Adino in and then

NOTE Confidence: 0.8116242

00:40:04.670 --> 00:40:07.708 Roy follows up with the other questions,

NOTE Confidence: 0.8116242

00:40:07.710 --> 00:40:09.012 particularly and congratulations

NOTE Confidence: 0.8116242

00:40:09.012 --> 00:40:10.748 on the any engine,

NOTE Confidence: 0.8116242

00:40:10.750 --> 00:40:13.785 any any JM paper wants to know.

NOTE Confidence: 0.8116242

00:40:13.785 --> 00:40:16.842 What do you see is the potential

NOTE Confidence: 0.8116242

00:40:16.842 --> 00:40:19.467 for immunotherapy in the next few

NOTE Confidence: 0.8116242

00:40:19.467 --> 00:40:21.797 years further improve these outcomes

NOTE Confidence: 0.8116242

00:40:21.797 --> 00:40:25.619 and then on a related note.

NOTE Confidence: 0.8116242

00:40:25.620 --> 00:40:27.673 You know, as we seek biomarkers

79

NOTE Confidence: 0.8116242

00:40:27.673 --> 00:40:28.677 in better combinations,

NOTE Confidence: 0.8116242

00:40:28.677 --> 00:40:31.213 how do you see the role of public

NOTE Confidence: 0.8116242

00:40:31.213 --> 00:40:32.798 private partnerships in mass?

NOTE Confidence: 0.7978218

00:40:34.590 --> 00:40:36.888 Yeah, so two really interesting topics.

NOTE Confidence: 0.7978218

00:40:36.890 --> 00:40:39.333 You know, I I think we specifically

NOTE Confidence: 0.7978218

00:40:39.333 --> 00:40:41.742 looked at the potential impact of

NOTE Confidence: 0.7978218

00:40:41.742 --> 00:40:43.882 immunotherapy on those data and

NOTE Confidence: 0.7978218

00:40:43.882 --> 00:40:46.592 and came to the conclusion that it

NOTE Confidence: 0.7978218

00:40:46.592 --> 00:40:49.547 really isn't in the data by 2016 that

NOTE Confidence: 0.7978218

00:40:49.547 --> 00:40:51.881 the the dramatic effects of immuno

NOTE Confidence: 0.7978218

00:40:51.881 --> 00:40:54.350 oncology drugs in non small cell lung

NOTE Confidence: 0.7978218

00:40:54.350 --> 00:40:56.800 cancer seen in well designed phase.

NOTE Confidence: 0.7978218

00:40:56.800 --> 00:40:58.715 Three trials hasn't circulated into

NOTE Confidence: 0.7978218

00:40:58.715 --> 00:41:00.630 the population level data yet,

NOTE Confidence: 0.7978218

00:41:00.630 --> 00:41:04.246 so that should happen in 2017 eighteen 1920.

NOTE Confidence: 0.7978218

00:41:04.250 --> 00:41:05.930 In the next few years,

NOTE Confidence: 0.7978218

00:41:05.930 --> 00:41:08.065 we should continue to see a decline

NOTE Confidence: 0.7978218

00:41:08.065 --> 00:41:09.806 in mortality that exceeds the

NOTE Confidence: 0.7978218

00:41:09.806 --> 00:41:10.946 decline in incidents.

NOTE Confidence: 0.7978218

00:41:10.950 --> 00:41:13.295 The way that really happened for Melanoma.

NOTE Confidence: 0.7978218

00:41:13.300 --> 00:41:14.970 It's still happening for Melanoma,

NOTE Confidence: 0.7978218

00:41:14.970 --> 00:41:16.908 but for Melanoma was very evident

NOTE Confidence: 0.7978218

00:41:16.908 --> 00:41:19.200 a few years before was evident for

NOTE Confidence: 0.7978218

00:41:19.200 --> 00:41:21.377 non small cell and is actually one

NOTE Confidence: 0.7978218

00:41:21.440 --> 00:41:23.678 of the rationales for this analysis.

NOTE Confidence: 0.7978218

00:41:23.680 --> 00:41:25.355 So we think that population

NOTE Confidence: 0.7978218

00:41:25.355 --> 00:41:26.360 statistics should improve,

NOTE Confidence: 0.7978218

00:41:26.360 --> 00:41:29.040 continue to improve for a few more years,

NOTE Confidence: 0.7978218

00:41:29.040 --> 00:41:30.720 hopefully for many more years.

NOTE Confidence: 0.7978218

00:41:30.720 --> 00:41:33.400 The problem is never quite easy to say,

NOTE Confidence: 0.7978218

00:41:33.400 --> 00:41:34.396 why they're there.

NOTE Confidence: 0.7978218

00:41:34.396 --> 00:41:35.060 In Fairness,

NOTE Confidence: 0.7978218

00:41:35.060 --> 00:41:37.472 the NCI is described a lot of this treatment,

NOTE Confidence: 0.7978218

00:41:37.480 --> 00:41:39.356 but some of our critics have not.

NOTE Confidence: 0.7978218

00:41:39.360 --> 00:41:41.870 You know there are other

NOTE Confidence: 0.7978218

00:41:41.870 --> 00:41:42.874 potential explanations.

NOTE Confidence: 0.7978218

00:41:42.880 --> 00:41:44.044 It was really knows.

NOTE Confidence: 0.7978218

00:41:44.044 --> 00:41:45.208 Screening really hasn't made

NOTE Confidence: 0.7978218

00:41:45.208 --> 00:41:46.479 it in lung cancer.

NOTE Confidence: 0.7978218

00:41:46.480 --> 00:41:48.280 The extent we would like it,

NOTE Confidence: 0.7978218

00:41:48.280 --> 00:41:49.905 it's unlikely that screening other

NOTE Confidence: 0.7978218

00:41:49.905 --> 00:41:51.530 screening is certainly useful on

NOTE Confidence: 0.7978218

00:41:51.585 --> 00:41:53.160 cancer for specific populations based

NOTE Confidence: 0.7978218

00:41:53.160 --> 00:41:55.279 on Packers smoking and then see I

NOTE Confidence: 0.7978218

00:41:55.279 --> 00:41:56.980 would like to see more screening occur.

NOTE Confidence: 0.7978218

00:41:56.980 --> 00:41:59.356 I don't think that's the explanation.

NOTE Confidence: 0.7978218

00:41:59.360 --> 00:42:01.047 You can come up with more complicated

NOTE Confidence: 0.7978218

00:42:01.047 --> 00:42:02.092 models about tobacco associated

NOTE Confidence: 0.7978218

00:42:02.092 --> 00:42:03.204 cancers having a different

NOTE Confidence: 0.7978218

00:42:03.204 --> 00:42:04.594 prognosis for not backing it.

NOTE Confidence: 0.7978218

00:42:04.600 --> 00:42:05.130 So whatever,

NOTE Confidence: 0.7978218

00:42:05.130 --> 00:42:06.985 but I think the most parsimonious simple

NOTE Confidence: 0.7978218

00:42:06.985 --> 00:42:09.047 model is just the treatment starting to work.

NOTE Confidence: 0.7978218

00:42:09.050 --> 00:42:10.930 You know this is not in breast cancer

NOTE Confidence: 0.7978218

00:42:10.930 --> 00:42:12.311 sisnett that is similar analysis

NOTE Confidence: 0.7978218

00:42:12.311 --> 00:42:14.320 included with the majority of the benefit

NOTE Confidence: 0.7978218

00:42:14.368 --> 00:42:15.892 breast cancer mortality of the last

NOTE Confidence: 0.7978218

00:42:15.892 --> 00:42:17.696 few decades is not due to mammography.

NOTE Confidence: 0.7978218

00:42:17.696 --> 00:42:18.744 That's significant and important,

NOTE Confidence: 0.7978218

00:42:18.750 --> 00:42:20.507 but the majority of the benefit is

NOTE Confidence: 0.7978218

00:42:20.507 --> 00:42:22.149 actually related to treatment as well.

NOTE Confidence: 0.7978218

00:42:22.150 --> 00:42:23.984 So I think it's consistent with diseases,

NOTE Confidence: 0.7978218

00:42:23.990 --> 00:42:27.380 but we'll have to see how the day to go.

NOTE Confidence: 0.7978218

00:42:27.380 --> 00:42:28.564 But hopefully, you know,

NOTE Confidence: 0.7978218

00:42:28.564 --> 00:42:29.748 but why you know,

NOTE Confidence: 0.7978218

00:42:29.750 --> 00:42:30.021 really,

NOTE Confidence: 0.7978218

00:42:30.021 --> 00:42:31.647 the major paradigm shift in my

NOTE Confidence: 0.7978218

00:42:31.647 --> 00:42:33.477 lifetime is an ecologist has been

NOTE Confidence: 0.7978218

00:42:33.477 --> 00:42:35.077 treating like all lung cancers.

NOTE Confidence: 0.7978218

00:42:35.080 --> 00:42:36.560 One thing so you know,

NOTE Confidence: 0.7978218

00:42:36.560 --> 00:42:38.444 20 or 100 different diseases and

NOTE Confidence: 0.7978218

00:42:38.444 --> 00:42:40.699 having a good therapy for all of them,

NOTE Confidence: 0.7978218

00:42:40.700 --> 00:42:42.765 and you know we have written any.

NOTE Confidence: 0.7978218

00:42:42.770 --> 00:42:45.138 We have 9 new drugs in lung cancer.

NOTE Confidence: 0.7978218

00:42:45.140 --> 00:42:46.620 I think approved this year.

NOTE Confidence: 0.7978218

00:42:46.620 --> 00:42:48.685 You know Ret Inhibitors and you know,

NOTE Confidence: 0.7978218

00:42:48.690 --> 00:42:49.994 new alcohol for example.

NOTE Confidence: 0.7978218

00:42:49.994 --> 00:42:53.160 So I I think lung cancer is very exciting.

NOTE Confidence: 0.7978218

00:42:53.160 --> 00:42:54.888 And screening plus new therapies could

NOTE Confidence: 0.7978218

00:42:54.888 --> 00:42:56.657 really impact outcomes in that disease

NOTE Confidence: 0.7978218

00:42:56.657 --> 00:42:58.373 are channels and ash Cancer Institute.

NOTE Confidence: 0.7978218

00:42:58.380 --> 00:42:58.994 You know,

NOTE Confidence: 0.7978218

00:42:58.994 --> 00:43:00.836 it's almost amazing that I've never

NOTE Confidence: 0.7978218

00:43:00.836 --> 00:43:03.015 thought I'd be saying this 10 years ago,

NOTE Confidence: 0.7978218

00:43:03.020 --> 00:43:04.847 but our challenge now is to try

NOTE Confidence: 0.7978218

00:43:04.847 --> 00:43:06.635 and make other diseases as hopeful

NOTE Confidence: 0.7978218

00:43:06.635 --> 00:43:08.525 as non small cell lung cancer.

NOTE Confidence: 0.7978218

00:43:08.530 --> 00:43:10.252 You know we don't have such a

NOTE Confidence: 0.7978218

00:43:10.252 --> 00:43:12.082 great story for small cell lung

NOTE Confidence: 0.7978218

00:43:12.082 --> 00:43:13.458 cancer or pancreatic cancer,

NOTE Confidence: 0.80714804

00:43:13.460 --> 00:43:14.620 biliary cancer etc etc.

NOTE Confidence: 0.80714804

00:43:14.620 --> 00:43:16.745 So you know, I, I think this serves

NOTE Confidence: 0.80714804

00:43:16.745 --> 00:43:19.260 as a nice tale of wind science works.

NOTE Confidence: 0.80714804

00:43:19.260 --> 00:43:20.444 It can really work,

NOTE Confidence: 0.80714804

00:43:20.444 --> 00:43:23.169 but how do we do that in legacies?

NOTE Confidence: 0.80714804

00:43:23.170 --> 00:43:24.682 And then the question about public

NOTE Confidence: 0.80714804

00:43:24.682 --> 00:43:26.000 private partnerships is, you know,

NOTE Confidence: 0.80714804

00:43:26.000 --> 00:43:27.680 interesting important topic at the NCI

NOTE Confidence: 0.80714804

00:43:27.680 --> 00:43:30.148 is a big believer in these partnerships.

NOTE Confidence: 0.80714804

00:43:30.150 --> 00:43:31.845 They have been very effective

NOTE Confidence: 0.80714804

00:43:31.845 --> 00:43:33.540 way to allow private resources

NOTE Confidence: 0.80714804

00:43:33.600 --> 00:43:35.238 to support trials in the NCI.

NOTE Confidence: 0.80714804

00:43:35.240 --> 00:43:37.562 Also thinks is laudable and you

NOTE Confidence: 0.80714804

00:43:37.562 --> 00:43:40.129 know a great example right now as

NOTE Confidence: 0.80714804

00:43:40.129 --> 00:43:42.830 well as in the lung map trial that

NOTE Confidence: 0.80714804

00:43:42.830 --> 00:43:45.446 allows you know second line therapy.

NOTE Confidence: 0.80714804

00:43:45.450 --> 00:43:47.640 You know working with Pharma sponsors

NOTE Confidence: 0.80714804

00:43:47.640 --> 00:43:50.260 and also NIH and France research,

NOTE Confidence: 0.80714804

00:43:50.260 --> 00:43:53.220 and I think that.

NOTE Confidence: 0.80714804

00:43:53.220 --> 00:43:54.628 At successful effort could

NOTE Confidence: 0.80714804

00:43:54.628 --> 00:43:56.388 be useful in other models.

NOTE Confidence: 0.80714804

00:43:56.390 --> 00:43:58.406 Public private partnerships do have some

NOTE Confidence: 0.80714804

00:43:58.406 --> 00:44:00.260 challenges to initiate and maintain,

NOTE Confidence: 0.80714804

00:44:00.260 --> 00:44:02.306 and certainly doctor hurts more familiar

NOTE Confidence: 0.80714804

00:44:02.306 --> 00:44:04.480 with the most with those issues,

NOTE Confidence: 0.80714804

00:44:04.480 --> 00:44:07.296 but I think that they can really work.

NOTE Confidence: 0.80714804

00:44:07.300 --> 00:44:09.684 The one that I'm very excited about right

NOTE Confidence: 0.80714804

00:44:09.684 --> 00:44:12.579 now is this thing called impact initiative,

NOTE Confidence: 0.80714804

00:44:12.580 --> 00:44:13.636 which is created.

NOTE Confidence: 0.80714804

00:44:13.636 --> 00:44:15.748 These four simak sites through moon

NOTE Confidence: 0.80714804

00:44:15.748 --> 00:44:18.309 shot funding and then it's got an

NOTE Confidence: 0.80714804

00:44:18.309 --> 00:44:20.135 additional funding from Pharma companies

NOTE Confidence: 0.80714804

00:44:20.135 --> 00:44:22.466 to the tune of about $60,000,000 and

NOTE Confidence: 0.80714804

00:44:22.466 --> 00:44:25.250 is using those funds to really study.

NOTE Confidence: 0.80714804

00:44:25.250 --> 00:44:26.450 In its standardized way,

NOTE Confidence: 0.80714804

00:44:26.450 --> 00:44:27.650 various biomarkers of response

NOTE Confidence: 0.80714804

00:44:27.650 --> 00:44:28.550 stimulant cology drugs,

NOTE Confidence: 0.80714804

00:44:28.550 --> 00:44:30.224 so site off and next generation

NOTE Confidence: 0.80714804

00:44:30.224 --> 00:44:31.850 sequencing and RNA expression profiling,

NOTE Confidence: 0.80714804

00:44:31.850 --> 00:44:32.450 and importantly,

NOTE Confidence: 0.80714804

00:44:32.450 --> 00:44:33.950 they've committed to make the

NOTE Confidence: 0.80714804

00:44:33.950 --> 00:44:35.150 data reproducible across sites.

NOTE Confidence: 0.80714804

00:44:35.150 --> 00:44:37.250 So if it works at once iMac,

NOTE Confidence: 0.80714804

00:44:37.250 --> 00:44:39.252 the asset can be done another place

NOTE Confidence: 0.80714804

00:44:39.252 --> 00:44:41.068 so it's really industry grade data

NOTE Confidence: 0.80714804

00:44:41.068 --> 00:44:43.154 and many of the trials that have

NOTE Confidence: 0.80714804

00:44:43.212 --> 00:44:45.030 been studied initially or in CI

NOTE Confidence: 0.80714804

00:44:45.030 --> 00:44:46.850 trials where we have, you know,

NOTE Confidence: 0.80714804

00:44:46.850 --> 00:44:48.350 the clinical trials outcomes data,

NOTE Confidence: 0.80714804

00:44:48.350 --> 00:44:50.262 but we also will be doing more and

NOTE Confidence: 0.80714804

00:44:50.262 --> 00:44:52.606 more of the pharma sponsored trials as

NOTE Confidence: 0.80714804

00:44:52.606 --> 00:44:55.226 they supply the materials, so I think.

NOTE Confidence: 0.80714804

00:44:55.226 --> 00:44:57.860 You know, these initiatives can be great,

NOTE Confidence: 0.80714804

00:44:57.860 --> 00:44:59.710 and they are certainly worth

NOTE Confidence: 0.80714804

00:44:59.710 --> 00:45:01.190 it in some instances,

NOTE Confidence: 0.80714804

00:45:01.190 --> 00:45:03.980 but you know they also have.

NOTE Confidence: 0.80714804

00:45:03.980 --> 00:45:06.038 A whole set of challenges regarding

NOTE Confidence: 0.80714804

00:45:06.038 --> 00:45:08.559 their setting them up and keep it going.

NOTE Confidence: 0.8248418

00:45:09.220 --> 00:45:11.518 Thank you and by the way,

NOTE Confidence: 0.8248418

00:45:11.520 --> 00:45:14.200 Roy adds that your dog is impressive.

NOTE Confidence: 0.8248418

00:45:14.200 --> 00:45:16.498 Yes, thank you, so Kevin Vest,

NOTE Confidence: 0.8248418

00:45:16.500 --> 00:45:18.028 who's our deputy director

NOTE Confidence: 0.8248418

00:45:18.028 --> 00:45:19.174 for administrations finance,

NOTE Confidence: 0.8248418

00:45:19.180 --> 00:45:20.708 actually asked about Cancer

NOTE Confidence: 0.8248418

00:45:20.708 --> 00:45:21.854 Center support grants,

NOTE Confidence: 0.8248418

00:45:21.860 --> 00:45:24.158 and I think he, you know,

NOTE Confidence: 0.8248418

00:45:24.160 --> 00:45:26.834 with regards to growing the RPG pool,

NOTE Confidence: 0.8248418

00:45:26.840 --> 00:45:28.820 he asked about specifically about

NOTE Confidence: 0.8248418

00:45:28.820 --> 00:45:31.430 any change in the terms of size,

NOTE Confidence: 0.8248418

00:45:31.430 --> 00:45:33.350 rewards or number of institutions,

NOTE Confidence: 0.8248418

00:45:33.350 --> 00:45:36.440 but I guess I'll ask because, you know,

NOTE Confidence: 0.8248418

00:45:36.440 --> 00:45:39.205 when both hats you've you've led a.

NOTE Confidence: 0.8248418

00:45:39.210 --> 00:45:41.366 A major Cancer Center at the same

NOTE Confidence: 0.8248418

00:45:41.366 --> 00:45:43.643 time you've run the NCI and sort

NOTE Confidence: 0.8248418

00:45:43.643 --> 00:45:45.569 of what's your perspective on CCS?

NOTE Confidence: 0.8248418

00:45:45.570 --> 00:45:46.910 GSN you obviously regarding

NOTE Confidence: 0.8248418

00:45:46.910 --> 00:45:48.250 Kevin's question and just

NOTE Confidence: 0.8248418

00:45:48.250 --> 00:45:50.020 sort of a larger vision for

NOTE Confidence: 0.77172405

00:45:50.020 --> 00:45:52.880 that. Yeah I think.

NOTE Confidence: 0.77172405

00:45:52.880 --> 00:45:54.452 You know that the cancer program

NOTE Confidence: 0.77172405

00:45:54.452 --> 00:45:55.763 is Unitarian, created by the

NOTE Confidence: 0.77172405

00:45:55.763 --> 00:45:57.333 National Cancer Act, an it was.

NOTE Confidence: 0.77172405

00:45:57.333 --> 00:45:58.638 It's probably in my mind,

NOTE Confidence: 0.77172405

00:45:58.640 --> 00:45:59.950 the most important part of

NOTE Confidence: 0.77172405

00:45:59.950 --> 00:46:00.998 the National Cancer Act.

NOTE Confidence: 0.77172405

00:46:01.000 --> 00:46:02.896 I mean, you know the cancer program has

NOTE Confidence: 0.77172405

00:46:02.896 --> 00:46:05.187 been so successful and one of the theories,

NOTE Confidence: 0.77172405

00:46:05.190 --> 00:46:07.110 by the way for why we see this

NOTE Confidence: 0.77172405

00:46:07.110 --> 00:46:08.718 massive influx in Cancer Research and

NOTE Confidence: 0.77172405

00:46:08.718 --> 00:46:10.644 all these new grants is the Cancer

NOTE Confidence: 0.77172405

00:46:10.644 --> 00:46:12.513 Center program is a lot of these

NOTE Confidence: 0.77172405

00:46:12.513 --> 00:46:14.034 people are affiliated with cancers.

NOTE Confidence: 0.77172405

00:46:14.034 --> 00:46:16.002 Institutions are being told by the

NOTE Confidence: 0.77172405

00:46:16.002 --> 00:46:17.339 director of smitten CI grain so

NOTE Confidence: 0.77172405

00:46:17.339 --> 00:46:19.079 that it may be as simple as that,

NOTE Confidence: 0.77172405

00:46:19.080 --> 00:46:19.866 but it works.

NOTE Confidence: 0.77172405

00:46:19.866 --> 00:46:20.390 You know,

NOTE Confidence: 0.77172405

00:46:20.390 --> 00:46:21.725 it's really driven people to

NOTE Confidence: 0.77172405

00:46:21.725 --> 00:46:23.370 the field is created at this.

NOTE Confidence: 0.77172405

00:46:23.370 --> 00:46:24.450 A shared infrastructure.

NOTE Confidence: 0.77172405

00:46:24.450 --> 00:46:26.610 It's provided a great source of

NOTE Confidence: 0.77172405

00:46:26.610 --> 00:46:28.410 advice and counsel for the NCI,

NOTE Confidence: 0.77172405

00:46:28.410 --> 00:46:30.426 and it's a very effective program.

NOTE Confidence: 0.77172405

00:46:30.430 --> 00:46:31.102 And importantly,

NOTE Confidence: 0.77172405

00:46:31.102 --> 00:46:33.790 it's probably from a cost point of view.

NOTE Confidence: 0.77172405

00:46:33.790 --> 00:46:35.734 The most efficient dollar we spend

NOTE Confidence: 0.77172405

00:46:35.734 --> 00:46:37.742 because every dollar we give to

NOTE Confidence: 0.77172405

00:46:37.742 --> 00:46:39.686 a cancer separate center it is

NOTE Confidence: 0.77172405

00:46:39.686 --> 00:46:41.092 typically leveraged by state

NOTE Confidence: 0.77172405

00:46:41.092 --> 00:46:42.827 and philanthropic monies and the

NOTE Confidence: 0.77172405

00:46:42.827 --> 00:46:44.570 extreme example here in Oklahoma,

NOTE Confidence: 0.77172405

92

00:46:44.570 --> 00:46:46.670 the Oklahoma Cancer Center raised on

NOTE Confidence: 0.77172405

00:46:46.670 --> 00:46:48.837 the order 400 million dollars from

NOTE Confidence: 0.77172405

00:46:48.837 --> 00:46:50.937 the state and philanthropy over 17

NOTE Confidence: 0.77172405

00:46:51.003 --> 00:46:53.495 years to build this gorgeous new hospital.

NOTE Confidence: 0.77172405

00:46:53.500 --> 00:46:55.810 Recruit a bunch of faculty and create

NOTE Confidence: 0.77172405

00:46:55.810 --> 00:46:57.945 a national program so that they get

NOTE Confidence: 0.77172405

00:46:57.945 --> 00:46:59.873 in CI designation so it's all so

NOTE Confidence: 0.77172405

00:46:59.873 --> 00:47:01.801 they can get the CSG Grant which is

NOTE Confidence: 0.77172405

00:47:01.801 --> 00:47:03.706 on the order of a few $1,000,000

NOTE Confidence: 0.77172405

00:47:03.706 --> 00:47:06.038 a year so you know it's a great.

NOTE Confidence: 0.77172405

00:47:06.040 --> 00:47:07.713 It's a great deal for the NCI

NOTE Confidence: 0.77172405

00:47:07.713 --> 00:47:09.828 and I often wonder why the other

NOTE Confidence: 0.77172405

00:47:09.828 --> 00:47:11.168 institutes don't do this.

NOTE Confidence: 0.77172405

00:47:11.170 --> 00:47:12.724 You know why doesn't everybody at

NOTE Confidence: 0.77172405

00:47:12.724 --> 00:47:14.472 the United have a Cancer Center

NOTE Confidence: 0.77172405

00:47:14.472 --> 00:47:15.450 program like this?

NOTE Confidence: 0.77172405

00:47:15.450 --> 00:47:16.020 You know,

NOTE Confidence: 0.77172405

00:47:16.020 --> 00:47:17.160 other institutes certainly have

NOTE Confidence: 0.77172405

00:47:17.160 --> 00:47:17.730 center programs,

NOTE Confidence: 0.77172405

00:47:17.730 --> 00:47:20.308 but they're more sort of P / 1 size.

NOTE Confidence: 0.77172405

00:47:20.308 --> 00:47:22.072 They don't have the cachet and

NOTE Confidence: 0.77172405

00:47:22.072 --> 00:47:24.009 half of the NCI CSP program.

NOTE Confidence: 0.77172405

00:47:24.010 --> 00:47:25.602 And I think the secret for us really

NOTE Confidence: 0.77172405

00:47:25.602 --> 00:47:27.369 is this this designation by Congress.

NOTE Confidence: 0.77172405

00:47:27.370 --> 00:47:27.882 You know,

NOTE Confidence: 0.77172405

00:47:27.882 --> 00:47:29.674 having this stood up in the National

NOTE Confidence: 0.77172405

00:47:29.674 --> 00:47:31.370 Cancer Act and having it be seen as

NOTE Confidence: 0.77172405

00:47:31.370 --> 00:47:33.129 a metric for being a great hospital,

NOTE Confidence: 0.77172405

00:47:33.130 --> 00:47:34.330 has been very favorable to

NOTE Confidence: 0.77172405

00:47:34.330 --> 00:47:35.290 the National Cancer Center.

NOTE Confidence: 0.77172405

00:47:35.290 --> 00:47:36.970 So, given that it's such a success,

NOTE Confidence: 0.77172405

00:47:36.970 --> 00:47:38.170 there are couple of things.

NOTE Confidence: 0.77172405

00:47:38.170 --> 00:47:40.570 So First off, is it the right size you know?

NOTE Confidence: 0.77172405

00:47:40.570 --> 00:47:42.155 Shouldn't be the program be

NOTE Confidence: 0.77172405

00:47:42.155 --> 00:47:43.740 increased or shrunk or whatever?

NOTE Confidence: 0.77172405

00:47:43.740 --> 00:47:44.964 From a budgetary POV,

NOTE Confidence: 0.77172405

00:47:44.964 --> 00:47:46.800 there was an analysis of the

NOTE Confidence: 0.77172405

00:47:46.862 --> 00:47:48.357 funding of the cancer centers

NOTE Confidence: 0.77172405

00:47:48.357 --> 00:47:50.290 that went for a few years.

NOTE Confidence: 0.77172405

00:47:50.290 --> 00:47:52.786 Is starting back in the Harold Varmus Terra,

NOTE Confidence: 0.77172405

00:47:52.790 --> 00:47:54.608 and the conclusion was that the

NOTE Confidence: 0.77172405

00:47:54.608 --> 00:47:56.530 Cancer Center funding is not uniform,

NOTE Confidence: 0.77172405

00:47:56.530 --> 00:47:57.766 that we need to.

NOTE Confidence: 0.77172405

00:47:57.766 --> 00:47:59.311 Could you could tie research

NOTE Confidence: 0.77172405

00:47:59.311 --> 00:48:00.567 productivity to funding in a

NOTE Confidence: 0.77172405

00:48:00.567 --> 00:48:02.229 better way and led to this new

NOTE Confidence: 0.77172405

00:48:02.229 --> 00:48:03.534 funding model that was rolled

95

NOTE Confidence: 0.77172405

00:48:03.534 --> 00:48:05.390 out now I think three years ago.

NOTE Confidence: 0.77172405

00:48:05.390 --> 00:48:07.725 And with the way it works is whenever

NOTE Confidence: 0.77172405

00:48:07.725 --> 00:48:09.625 anybody comes in for renewal,

NOTE Confidence: 0.77172405

00:48:09.630 --> 00:48:11.154 there grant gets modified such that

NOTE Confidence: 0.77172405

00:48:11.154 --> 00:48:13.210 they can typically get an increase in

NOTE Confidence: 0.77172405

00:48:13.210 --> 00:48:14.534 funding related research productivity,

NOTE Confidence: 0.77172405

00:48:14.540 --> 00:48:16.076 and it seems to be working

NOTE Confidence: 0.77172405

00:48:16.076 --> 00:48:17.100 pretty well in most

NOTE Confidence: 0.8333243

00:48:17.162 --> 00:48:19.448 instances. Most places budgets are going up,

NOTE Confidence: 0.8333243

00:48:19.450 --> 00:48:22.042 so that's meant for the last couple of years.

NOTE Confidence: 0.8333243

00:48:22.050 --> 00:48:24.311 The cancer program has grown because of

NOTE Confidence: 0.8333243

00:48:24.311 --> 00:48:26.373 implementation of this new model based on

NOTE Confidence: 0.8333243

00:48:26.373 --> 00:48:28.263 renewals of CSG grants and it's growing

NOTE Confidence: 0.8333243

00:48:28.263 --> 00:48:30.439 faster than the rest of the NCI budget,

NOTE Confidence: 0.8333243

00:48:30.440 --> 00:48:32.996 but certainly not grown in the way that the

NOTE Confidence: 0.8333243

00:48:32.996 --> 00:48:35.770 RPG pool would have to grow to get us to the

NOTE Confidence: 0.8333243

00:48:35.835 --> 00:48:38.319 15th percentile that are described later.

NOTE Confidence: 0.8333243

00:48:38.320 --> 00:48:40.752 As I mentioned, you know 300 million dollars

NOTE Confidence: 0.8333243

00:48:40.752 --> 00:48:43.295 the entire cancer program and we need to put,

NOTE Confidence: 0.8333243

00:48:43.300 --> 00:48:45.372 you know, like 200 million dollars in

NOTE Confidence: 0.8333243

00:48:45.372 --> 00:48:47.876 a year for several years in a row to

NOTE Confidence: 0.8333243

00:48:47.876 --> 00:48:50.329 get the RPG pull up to the fingerprint.

NOTE Confidence: 0.8333243

00:48:50.330 --> 00:48:52.730 Also, I think the cancer budget will grow

NOTE Confidence: 0.8333243

00:48:52.730 --> 00:48:54.728 and continue to grow because of this,

NOTE Confidence: 0.8333243

00:48:54.730 --> 00:48:57.058 you know, renewed funding model as well as

NOTE Confidence: 0.8333243

00:48:57.058 --> 00:48:59.116 the occasional designation of a new center.

NOTE Confidence: 0.8333243

00:48:59.120 --> 00:49:01.864 And so we've had a few new centers

NOTE Confidence: 0.8333243

00:49:01.864 --> 00:49:03.590 designated last few years and.

NOTE Confidence: 0.8333243

00:49:03.590 --> 00:49:04.493 You know, I,

NOTE Confidence: 0.8333243

00:49:04.493 --> 00:49:06.299 I think I'm worried about runaway

NOTE Confidence: 0.8333243

00:49:06.299 --> 00:49:08.051 growth of the cancer program because

NOTE Confidence: 0.8333243

00:49:08.051 --> 00:49:10.413 it is a great brand and we need to

NOTE Confidence: 0.8333243

00:49:10.413 --> 00:49:12.314 protect it and we need to make sure

NOTE Confidence: 0.8333243

00:49:12.314 --> 00:49:13.649 that NCI designation really stands

NOTE Confidence: 0.8333243

00:49:13.649 --> 00:49:15.059 for something and its rigorous.

NOTE Confidence: 0.8333243

00:49:15.060 --> 00:49:16.680 And it centers really meet all

NOTE Confidence: 0.8333243

00:49:16.680 --> 00:49:18.610 the goals that we need for them.

NOTE Confidence: 0.8333243

00:49:18.610 --> 00:49:20.514 But at the same time it is.

NOTE Confidence: 0.8333243

00:49:20.520 --> 00:49:22.326 There are parts of the country that

NOTE Confidence: 0.8333243

00:49:22.326 --> 00:49:24.380 don't really have access to a Cancer

NOTE Confidence: 0.8333243

00:49:24.380 --> 00:49:25.915 Center in generally there's intense

NOTE Confidence: 0.8333243

00:49:25.915 --> 00:49:27.487 interest in having a Cancer Center

NOTE Confidence: 0.8333243

00:49:27.487 --> 00:49:28.982 in those areas and often strong

NOTE Confidence: 0.8333243

00:49:28.982 --> 00:49:30.070 congressional interest as well.

NOTE Confidence: 0.8333243

00:49:30.070 --> 00:49:32.009 Last thing I'll say about the cost

NOTE Confidence: 0.8333243

00:49:32.009 --> 00:49:34.093 of the program that is really become

NOTE Confidence: 0.8333243

00:49:34.093 --> 00:49:36.120 apparent in the last few months is.

NOTE Confidence: 0.8333243

00:49:36.120 --> 00:49:38.112 You know it is one of the most

NOTE Confidence: 0.8333243

00:49:38.112 --> 00:49:38.610 important things.

NOTE Confidence: 0.8333243

00:49:38.610 --> 00:49:40.213 The NCI is ever done in terms

NOTE Confidence: 0.8333243

00:49:40.213 --> 00:49:41.350 of health disparities research.

NOTE Confidence: 0.8333243

00:49:41.350 --> 00:49:43.023 You know this focus on catchment area

NOTE Confidence: 0.8333243

00:49:43.023 --> 00:49:44.840 that I think was really devised by,

NOTE Confidence: 0.8333243

00:49:44.840 --> 00:49:46.262 you know people like Henry Ciolino

NOTE Confidence: 0.8333243

00:49:46.262 --> 00:49:48.069 and Bob Croyle and others has worked.

NOTE Confidence: 0.8333243

00:49:48.070 --> 00:49:49.883 It is forced every Cancer Center to

NOTE Confidence: 0.8333243

00:49:49.883 --> 00:49:51.607 think about what is my population of

NOTE Confidence: 0.8333243

00:49:51.607 --> 00:49:53.798 patients and how can I do better for them.

NOTE Confidence: 0.8333243

00:49:53.800 --> 00:49:55.312 And I would argue that the NCI is

NOTE Confidence: 0.8333243

00:49:55.312 --> 00:49:57.260 one of the best portfolios of health

NOTE Confidence: 0.8333243

00:49:57.260 --> 00:49:58.775 disparities research in the world,

NOTE Confidence: 0.8333243

00:49:58.780 --> 00:50:00.388 if not the best and it.

NOTE Confidence: 0.8333243

00:50:00.390 --> 00:50:02.134 A lot of that is really been driven

NOTE Confidence: 0.8333243

00:50:02.134 --> 00:50:03.409 by the cancer program,

NOTE Confidence: 0.8333243

00:50:03.410 --> 00:50:04.922 so highly successful program needs to

NOTE Confidence: 0.8333243

00:50:04.922 --> 00:50:06.936 grow modestly, but not to the same extent.

NOTE Confidence: 0.8333243

00:50:06.940 --> 00:50:08.638 The RPG would have narrowed to

NOTE Confidence: 0.8333243

00:50:08.638 --> 00:50:10.420 get the numbers I mentioned.

NOTE Confidence: 0.8333243

00:50:10.420 --> 00:50:10.880 Yeah,

NOTE Confidence: 0.84260285

00:50:10.880 --> 00:50:13.628 thank you know that's and we

NOTE Confidence: 0.84260285

00:50:13.628 --> 00:50:15.460 really appreciate your perspective.

NOTE Confidence: 0.84260285

00:50:15.460 --> 00:50:18.208 Linda Irwin, who's our associate Kansas

NOTE Confidence: 0.84260285

00:50:18.208 --> 00:50:20.040 director for population science,

NOTE Confidence: 0.84260285

00:50:20.040 --> 00:50:21.327 asked two questions.

NOTE Confidence: 0.84260285

00:50:21.327 --> 00:50:23.901 One, you're sort of views for

NOTE Confidence: 0.84260285

00:50:23.901 --> 00:50:25.530 implementation science research,

NOTE Confidence: 0.84260285

00:50:25.530 --> 00:50:27.820 particularly on how modifiable causes

NOTE Confidence: 0.84260285

00:50:27.820 --> 00:50:30.822 such as tobacco and obesity in

NOTE Confidence: 0.84260285

00:50:30.822 --> 00:50:33.146 terms of implementation counseling.

NOTE Confidence: 0.84260285

00:50:33.150 --> 00:50:35.016 And the second question just given

NOTE Confidence: 0.84260285

00:50:35.016 --> 00:50:36.653 the pandemic and awareness of

NOTE Confidence: 0.84260285

00:50:36.653 --> 00:50:38.699 strength in the need to strengthen

NOTE Confidence: 0.84260285

00:50:38.699 --> 00:50:39.722 public health infrastructure,

NOTE Confidence: 0.84260285

00:50:39.730 --> 00:50:42.354 the NCI's view in that space as well.

NOTE Confidence: 0.84260285

00:50:42.360 --> 00:50:43.350 Yeah, so I

NOTE Confidence: 0.81108737

00:50:43.350 --> 00:50:46.131 think as I said, I the specific topic of

NOTE Confidence: 0.81108737

00:50:46.131 --> 00:50:47.957 implementing care through Tele Health.

NOTE Confidence: 0.81108737

00:50:47.960 --> 00:50:50.256 You know that that moment has arrived,

NOTE Confidence: 0.81108737

00:50:50.260 --> 00:50:52.563 and I suspect we'll be seeing a

NOTE Confidence: 0.81108737

00:50:52.563 --> 00:50:54.540 lot of research in that area.

NOTE Confidence: 0.81108737

00:50:54.540 --> 00:50:56.340 And that's a really interesting

NOTE Confidence: 0.81108737

00:50:56.340 --> 00:50:58.140 part of innovation science that

NOTE Confidence: 0.81108737

00:50:58.199 --> 00:50:59.795 I think is going to mention.

NOTE Confidence: 0.81108737

00:50:59.800 --> 00:51:03.090 The NCI recently had an RF eye on this topic,

NOTE Confidence: 0.81108737

00:51:03.090 --> 00:51:05.874 and we're going through the response is now

NOTE Confidence: 0.81108737

00:51:05.874 --> 00:51:08.158 really trying to identify the key risk.

NOTE Confidence: 0.81108737

00:51:08.160 --> 00:51:09.272 Ridge questions,

NOTE Confidence: 0.81108737

00:51:09.272 --> 00:51:12.608 I think there will be many.

NOTE Confidence: 0.81108737

00:51:12.610 --> 00:51:14.698 But the rest of implementation science

NOTE Confidence: 0.81108737

00:51:14.698 --> 00:51:17.206 you know the non Tele health portion

NOTE Confidence: 0.81108737

00:51:17.206 --> 00:51:19.642 is still of great interest as well.

NOTE Confidence: 0.81108737

00:51:19.650 --> 00:51:21.534 David chambers and Bob Kroll and

NOTE Confidence: 0.81108737

00:51:21.534 --> 00:51:24.312 others at the NCI have let us strong

NOTE Confidence: 0.81108737

00:51:24.312 --> 00:51:26.496 portfolio extramurally in that area and

NOTE Confidence: 0.81108737

00:51:26.564 --> 00:51:29.112 I think it's really important set of

NOTE Confidence: 0.81108737

00:51:29.112 --> 00:51:30.940 questions because the hallador paper

NOTE Confidence: 0.81108737

00:51:30.940 --> 00:51:33.495 shows that we now have these effective

NOTE Confidence: 0.81108737

00:51:33.495 --> 00:51:35.839 therapies for certain kinds of lung cancer,

NOTE Confidence: 0.81108737

00:51:35.840 --> 00:51:37.600 but that doesn't help anybody.

NOTE Confidence: 0.81108737

00:51:37.600 --> 00:51:40.106 If we can't then get those therapies

NOTE Confidence: 0.81108737

00:51:40.106 --> 00:51:42.679 used in throughout the population of you.

NOTE Confidence: 0.81108737

00:51:42.680 --> 00:51:44.766 From way and and and that is,

NOTE Confidence: 0.81108737

00:51:44.770 --> 00:51:45.364 you know,

NOTE Confidence: 0.81108737

00:51:45.364 --> 00:51:47.146 provides a number of interesting challenges.

NOTE Confidence: 0.81108737

00:51:47.150 --> 00:51:48.956 So the NCI is very interested in

NOTE Confidence: 0.81108737

00:51:48.956 --> 00:51:50.123 supporting efforts to understand

NOTE Confidence: 0.81108737

00:51:50.123 --> 00:51:52.187 the uptake and implementation of new

NOTE Confidence: 0.81108737

00:51:52.187 --> 00:51:53.833 therapeutic advances and other other

NOTE Confidence: 0.81108737

00:51:53.833 --> 00:51:55.525 other aspects of cancer care treatment

NOTE Confidence: 0.81108737

00:51:55.525 --> 00:51:57.580 and will continue to do so at.

NOTE Confidence: 0.81108737

00:51:57.580 --> 00:51:58.176 You know,

NOTE Confidence: 0.81108737

00:51:58.176 --> 00:51:59.666 I'd probably another item worth

NOTE Confidence: 0.81108737

00:51:59.666 --> 00:52:01.451 mentioning that portfolio, by the way,

NOTE Confidence: 0.81108737

00:52:01.451 --> 00:52:03.846 is related to HP research, where you know,

103

NOTE Confidence: 0.81108737

00:52:03.846 --> 00:52:05.960 I think one of the more important

NOTE Confidence: 0.81108737

00:52:06.023 --> 00:52:08.438 cancer control trials in the world is

NOTE Confidence: 0.81108737

00:52:08.438 --> 00:52:10.473 presently going on in Costa Rica led

NOTE Confidence: 0.81108737

00:52:10.473 --> 00:52:12.882 by the NCI to see if one vaccination is.

NOTE Confidence: 0.81108737

00:52:12.882 --> 00:52:14.894 Equivalent to two shots, you know,

NOTE Confidence: 0.81108737

00:52:14.894 --> 00:52:17.264 one shot versus two shots, which is,

NOTE Confidence: 0.81108737

00:52:17.264 --> 00:52:17.948 you know,

NOTE Confidence: 0.81108737

00:52:17.948 --> 00:52:19.658 a very important implementation question

NOTE Confidence: 0.81108737

00:52:19.658 --> 00:52:21.717 of how to use national vaccination

NOTE Confidence: 0.81108737

00:52:21.717 --> 00:52:23.753 program to in cervical cancer in

NOTE Confidence: 0.81108737

00:52:23.753 --> 00:52:25.338 HPT associated head neck cancer.

NOTE Confidence: 0.81108737

00:52:25.340 --> 00:52:27.868 So you know an area where we have

NOTE Confidence: 0.81108737

00:52:27.868 --> 00:52:29.667 increased our portfolio in recent

NOTE Confidence: 0.81108737

00:52:29.667 --> 00:52:31.851 years and I think will continue

NOTE Confidence: 0.81108737

00:52:31.851 --> 00:52:34.494 to do so in terms of focusing on

NOTE Confidence: 0.81108737

00:52:34.494 --> 00:52:35.786 the public health infrastructure.

NOTE Confidence: 0.81108737

00:52:35.786 --> 00:52:38.474 I mean I think you know the pandemic

NOTE Confidence: 0.81108737

00:52:38.474 --> 00:52:40.814 has made clear some of the strengths

NOTE Confidence: 0.81108737

00:52:40.814 --> 00:52:43.130 and weaknesses of the American system.

NOTE Confidence: 0.81108737

00:52:43.130 --> 00:52:44.924 Not having a National Health Service

NOTE Confidence: 0.81108737

00:52:44.924 --> 00:52:46.501 so allows make certain things

NOTE Confidence: 0.81108737

00:52:46.501 --> 00:52:48.146 more difficult in United States,

NOTE Confidence: 0.81108737

00:52:48.150 --> 00:52:50.025 but also provides some advantages

NOTE Confidence: 0.81108737

00:52:50.025 --> 00:52:52.495 when you when you do something

NOTE Confidence: 0.81108737

00:52:52.495 --> 00:52:54.058 that national scale.

NOTE Confidence: 0.81108737

00:52:54.060 --> 00:52:55.968 At one of the issues that

NOTE Confidence: 0.81108737

00:52:55.968 --> 00:52:57.750 I think has become clear,

NOTE Confidence: 0.81108737

00:52:57.750 --> 00:53:00.011 as our ability to aggregate and collect

NOTE Confidence: 0.81108737

00:53:00.011 --> 00:53:01.993 national data to really tell what's

NOTE Confidence: 0.81108737

00:53:01.993 --> 00:53:04.212 going on with patients quickly is is

NOTE Confidence: 0.81108737

00:53:04.277 --> 00:53:06.741 challenging and this is a topic the

NOTE Confidence: 0.81108737

00:53:06.741 --> 00:53:08.468 National Cancer Institute has been

NOTE Confidence: 0.81108737

00:53:08.468 --> 00:53:10.138 interested in long before coronavirus.

NOTE Confidence: 0.81108737

00:53:10.140 --> 00:53:12.580 I mean, we've been trying.

NOTE Confidence: 0.81108737

00:53:12.580 --> 00:53:14.150 And we have seer Medicare.

NOTE Confidence: 0.81108737

00:53:14.150 --> 00:53:15.950 We have those kinds of national

NOTE Confidence: 0.81108737

00:53:15.950 --> 00:53:17.533 datasets that link with state

NOTE Confidence: 0.81108737

00:53:17.533 --> 00:53:19.168 and other kinds of registries,

NOTE Confidence: 0.81108737

00:53:19.170 --> 00:53:20.871 but we want to augment that it

NOTE Confidence: 0.81108737

00:53:20.871 --> 00:53:22.505 really trying to understand better

NOTE Confidence: 0.81108737

00:53:22.505 --> 00:53:24.197 what's happening with patience.

NOTE Confidence: 0.81108737

00:53:24.200 --> 00:53:26.083 And so we've been studying ways to

NOTE Confidence: 0.81108737

00:53:26.083 --> 00:53:28.056 link across datasets that are privacy

NOTE Confidence: 0.81108737

00:53:28.056 --> 00:53:29.540 protecting and involved unification.

NOTE Confidence: 0.81108737

00:53:29.540 --> 00:53:31.110 But you know, the data,

NOTE Confidence: 0.8127492

00:53:31.110 --> 00:53:32.748 public health, infrastructure I think is

NOTE Confidence: 0.8127492

00:53:32.748 --> 00:53:34.982 an area where the inside is particularly

NOTE Confidence: 0.8127492

00:53:34.982 --> 00:53:36.434 focused in making improvements.

NOTE Confidence: 0.8127492

00:53:36.440 --> 00:53:38.392 I will say one of the things we

NOTE Confidence: 0.8127492

00:53:38.392 --> 00:53:40.688 also saw around the issue of new

NOTE Confidence: 0.8127492

00:53:40.688 --> 00:53:42.428 clinical trials when the clinical

NOTE Confidence: 0.8127492

00:53:42.495 --> 00:53:44.327 trials network already exists.

NOTE Confidence: 0.8127492

00:53:44.330 --> 00:53:46.226 You can get a new trial done pretty

NOTE Confidence: 0.8127492

00:53:46.226 --> 00:53:48.360 quickly so that in caps study I mentioned,

NOTE Confidence: 0.8127492

00:53:48.360 --> 00:53:49.794 you know, we conceive that March

NOTE Confidence: 0.8127492

00:53:49.794 --> 00:53:51.390 and it opens six weeks later.

NOTE Confidence: 0.8127492

00:53:51.390 --> 00:53:53.238 I mean, that was a very important trial

NOTE Confidence: 0.8127492

00:53:53.238 --> 00:53:55.417 that we were able to stand up immediately.

NOTE Confidence: 0.8127492

00:53:55.420 --> 00:53:57.621 'cause it was an in core and NCT in when the

NOTE Confidence: 0.8127492

00:53:57.621 --> 00:53:59.446 clinical trials infrastructure doesn't exist.

NOTE Confidence: 0.8127492

00:53:59.450 --> 00:54:01.028 You know, clinical trials can really

NOTE Confidence: 0.8127492

00:54:01.028 --> 00:54:03.226 take a long time to get off the ground.

NOTE Confidence: 0.8127492

00:54:03.230 --> 00:54:03.878 the United States,

NOTE Confidence: 0.8127492

00:54:03.878 --> 00:54:05.390 and so some of the other obvious

NOTE Confidence: 0.8127492

00:54:05.440 --> 00:54:06.735 questions related to coronavirus didn't

NOTE Confidence: 0.8127492

00:54:06.735 --> 00:54:08.633 get into trials for a bit longer

NOTE Confidence: 0.8127492

00:54:08.633 --> 00:54:10.028 for variety of complicated reasons,

NOTE Confidence: 0.8127492

00:54:10.030 --> 00:54:11.654 but generally it was a lack of sort

NOTE Confidence: 0.8127492

00:54:11.654 --> 00:54:13.060 of National Health infrastructure.

NOTE Confidence: 0.8127492

00:54:13.060 --> 00:54:14.480 So I think that.

NOTE Confidence: 0.8127492

00:54:14.480 --> 00:54:16.610 You know these lessons are going

NOTE Confidence: 0.8127492

00:54:16.687 --> 00:54:17.920 to be remembered.

NOTE Confidence: 0.8127492

00:54:17.920 --> 00:54:20.352 I think the you know trying to understand

NOTE Confidence: 0.8127492

00:54:20.352 --> 00:54:23.370 how we can better aggregate data nationally.

NOTE Confidence: 0.8127492

00:54:23.370 --> 00:54:25.463 And make this data available for clinical

NOTE Confidence: 0.8127492

00:54:25.463 --> 00:54:27.439 decision making and trying to understand.

NOTE Confidence: 0.8127492

00:54:27.440 --> 00:54:29.729 How we can be with click trial

NOTE Confidence: 0.8127492

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00:54:29.729 --> 00:54:31.898 design in the future will be.

NOTE Confidence: 0.8127492

00:54:31.900 --> 00:54:33.815 Key questions going forward when

NOTE Confidence: 0.8127492

00:54:33.815 --> 00:54:36.136 coronavirus is gone and we were

NOTE Confidence: 0.8127492

00:54:36.136 --> 00:54:38.467 just back to Cancer Research and so.

NOTE Confidence: 0.8127492

00:54:38.470 --> 00:54:40.660 But still you know those areas

NOTE Confidence: 0.8127492

00:54:40.660 --> 00:54:42.120 are going to be.

NOTE Confidence: 0.8127492

00:54:42.120 --> 00:54:43.945 Those problems are going for

NOTE Confidence: 0.8127492

00:54:43.945 --> 00:54:46.138 awhile now then one last question

NOTE Confidence: 0.81189114

00:54:46.140 --> 00:54:47.960 this is from Katie Pelini,

NOTE Confidence: 0.81189114

00:54:47.960 --> 00:54:49.420 who leads our cancer

NOTE Confidence: 0.81189114

00:54:49.420 --> 00:54:50.515 signaling networks program.

NOTE Confidence: 0.81189114

00:54:50.520 --> 00:54:52.270 KDS, you know, wondering whether

NOTE Confidence: 0.81189114

00:54:52.270 --> 00:54:54.464 you comment on the NCI's effort

NOTE Confidence: 0.81189114

00:54:54.464 --> 00:54:56.359 to ensure more stable funding,

NOTE Confidence: 0.81189114

00:54:56.360 --> 00:54:58.550 long term funding for investigators like

NOTE Confidence: 0.81189114

00:54:58.550 --> 00:55:00.010 the outstanding investigators award,

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NOTE Confidence: 0.81189114

00:55:00.010 --> 00:55:02.536 which I think has had a.

NOTE Confidence: 0.81189114

00:55:02.540 --> 00:55:04.285 The positive impact your thoughts

NOTE Confidence: 0.81189114

00:55:04.285 --> 00:55:06.030 on expanding programs like that?

NOTE Confidence: 0.8147695

00:55:06.030 --> 00:55:08.118 Yeah, so we've done experiments here.

NOTE Confidence: 0.8147695

00:55:08.120 --> 00:55:09.870 So a couple of experiments.

NOTE Confidence: 0.8147695

00:55:09.870 --> 00:55:12.066 So there's nothing in law that

NOTE Confidence: 0.8147695

00:55:12.066 --> 00:55:14.409 says grants have to be 5 years.

NOTE Confidence: 0.8147695

00:55:14.410 --> 00:55:16.440 You know we have two year grants

NOTE Confidence: 0.8147695

00:55:16.440 --> 00:55:19.812 and we can even have up to 7 year

NOTE Confidence: 0.8147695

00:55:19.812 --> 00:55:21.432 grants and relatively straightforward

NOTE Confidence: 0.8147695

00:55:21.503 --> 00:55:23.525 way converting over from a from

NOTE Confidence: 0.8147695

00:55:23.525 --> 00:55:25.614 a smaller grain to Lauren Grant.

NOTE Confidence: 0.8147695

00:55:25.614 --> 00:55:27.816 That is not trivial for reasons

NOTE Confidence: 0.8147695

00:55:27.816 --> 00:55:30.106 that I care about is a long,

NOTE Confidence: 0.8147695

00:55:30.110 --> 00:55:31.370 bureaucratic story, but.

NOTE Confidence: 0.8147695

00:55:31.370 --> 00:55:33.890 But the apps any investigator award

NOTE Confidence: 0.8147695

00:55:33.890 --> 00:55:35.923 the R35 program was first effort

NOTE Confidence: 0.8147695

00:55:35.923 --> 00:55:38.694 by this in the NCI and Unit 7 year

NOTE Confidence: 0.8147695

00:55:38.694 --> 00:55:40.714 awards grant is more of kind of,

NOTE Confidence: 0.8147695

00:55:40.714 --> 00:55:42.418 uh, my vision for research rather

NOTE Confidence: 0.8147695

00:55:42.418 --> 00:55:44.419 than M1M2M3 of you know experiment.

NOTE Confidence: 0.8147695

00:55:44.420 --> 00:55:45.960 I'm going Thursday versus Friday.

NOTE Confidence: 0.8147695

00:55:45.960 --> 00:55:47.955 I think the people who write those

NOTE Confidence: 0.8147695

00:55:47.955 --> 00:55:49.639 grants enjoy that format better.

NOTE Confidence: 0.8147695

00:55:49.640 --> 00:55:51.523 They think they think they can really

NOTE Confidence: 0.8147695

00:55:51.523 --> 00:55:53.628 think more about the scientific questions.

NOTE Confidence: 0.8147695

00:55:53.630 --> 00:55:55.660 And I've heard from many investigators have

NOTE Confidence: 0.8147695

00:55:55.660 --> 00:55:57.927 over 35 that they like the flexibility.

NOTE Confidence: 0.8147695

00:55:57.930 --> 00:56:00.079 They kind of have to give up

NOTE Confidence: 0.8147695

00:56:00.079 --> 00:56:01.000 tomorrow one funding.

NOTE Confidence: 0.8147695

00:56:01.000 --> 00:56:03.410 But then they have stable.

NOTE Confidence: 0.8147695

00:56:03.410 --> 00:56:06.506 You know, two or oh one level funding for

NOTE Confidence: 0.8147695

00:56:06.506 --> 00:56:09.266 seven years and and really feel freed.

NOTE Confidence: 0.8147695

00:56:09.270 --> 00:56:10.641 And so I.

NOTE Confidence: 0.8147695

00:56:10.641 --> 00:56:13.840 I think the in the R35 program

NOTE Confidence: 0.8147695

00:56:13.957 --> 00:56:15.897 is a success and.

NOTE Confidence: 0.8147695

00:56:15.900 --> 00:56:17.230 Although we're still evaluating it,

NOTE Confidence: 0.8147695

00:56:17.230 --> 00:56:19.350 we haven't been through a full class yet,

NOTE Confidence: 0.8147695

00:56:19.350 --> 00:56:21.462 so we I think we need a little

NOTE Confidence: 0.8147695

00:56:21.462 --> 00:56:23.320 more data were up to, you know,

NOTE Confidence: 0.8147695

00:56:23.320 --> 00:56:25.440 over 100 total in the program for year,

NOTE Confidence: 0.8147695

00:56:25.440 --> 00:56:27.210 but.

NOTE Confidence: 0.8147695

00:56:27.210 --> 00:56:28.650 But based on that experience,

NOTE Confidence: 0.8147695

00:56:28.650 --> 00:56:29.806 we tried another experiment.

NOTE Confidence: 0.8147695

00:56:29.806 --> 00:56:31.800 When I first arrived at the NCI,

NOTE Confidence: 0.8147695

00:56:31.800 --> 00:56:33.767 which is the R37 New Investigator Award

NOTE Confidence: 0.8147695

00:56:33.767 --> 00:56:36.317 and the idea here was to see if you

NOTE Confidence: 0.8147695

00:56:36.317 --> 00:56:37.774 know establish senior famous scientists

NOTE Confidence: 0.8147695

00:56:37.774 --> 00:56:40.126 were able to compete for our 30 fives.

NOTE Confidence: 0.8147695

00:56:40.130 --> 00:56:42.125 Can use two more years of funding.

NOTE Confidence: 0.8147695

00:56:42.130 --> 00:56:44.426 What about new people who are not tenured?

NOTE Confidence: 0.8147695

00:56:44.430 --> 00:56:46.098 You know who have a lot

NOTE Confidence: 0.8147695

00:56:46.098 --> 00:56:47.590 more demands on their life.

NOTE Confidence: 0.8147695

00:56:47.590 --> 00:56:49.697 That seemed to me maybe a population

NOTE Confidence: 0.8147695

00:56:49.697 --> 00:56:51.498 that would benefit even more from

NOTE Confidence: 0.8147695

00:56:51.498 --> 00:56:53.172 a more stable funding source and

NOTE Confidence: 0.8147695

00:56:53.172 --> 00:56:55.121 the way we've created we wanted to

NOTE Confidence: 0.8147695

00:56:55.121 --> 00:56:57.166 learn we wanted to be an experiment.

NOTE Confidence: 0.8147695

00:56:57.166 --> 00:56:59.420 So the idea was that if you

NOTE Confidence: 0.8147695

00:56:59.496 --> 00:57:00.996 were in the pay line.

NOTE Confidence: 0.8147695

00:57:01.000 --> 00:57:01.250 Uh,

NOTE Confidence: 0.8147695

00:57:01.250 --> 00:57:02.750 as an ESI Oro stage investigator,

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NOTE Confidence: 0.8147695

00:57:02.750 --> 00:57:04.000 you would get seven years

NOTE Confidence: 0.8147695

00:57:04.000 --> 00:57:05.250 of funding and are 37.

NOTE Confidence: 0.8147695

00:57:05.250 --> 00:57:07.082 And if you were outside the pay line

NOTE Confidence: 0.8147695

00:57:07.082 --> 00:57:09.224 but you were still going to get funded

NOTE Confidence: 0.8147695

00:57:09.224 --> 00:57:11.247 through select pay in about 1/3 of our,

NOTE Confidence: 0.8147695

00:57:11.250 --> 00:57:12.250 our ones are funded.

NOTE Confidence: 0.8147695

00:57:12.250 --> 00:57:13.750 If resizer funded through select pay,

NOTE Confidence: 0.8147695

00:57:13.750 --> 00:57:15.750 then you would just get a regular one,

NOTE Confidence: 0.8147695

00:57:15.750 --> 00:57:17.250 which is still pretty good news.

NOTE Confidence: 0.8147695

00:57:17.250 --> 00:57:17.750 You know,

NOTE Confidence: 0.8147695

00:57:17.750 --> 00:57:18.000 Korea,

NOTE Confidence: 0.8147695

00:57:18.000 --> 00:57:20.000 you gotta narrow one and you might say,

NOTE Confidence: 0.8147695

00:57:20.000 --> 00:57:20.239 well,

NOTE Confidence: 0.8147695

00:57:20.239 --> 00:57:21.673 that's not a fair comparison 'cause

NOTE Confidence: 0.8147695

00:57:21.673 --> 00:57:23.609 the R 37 population got a better score

NOTE Confidence: 0.8147695

00:57:23.609 --> 00:57:25.500 than the R35 in the R1 population.

NOTE Confidence: 0.8147695

00:57:25.500 --> 00:57:27.244 But we know from other studies at the

NOTE Confidence: 0.8147695

00:57:27.244 --> 00:57:29.246 NCI that doesn't really matter that much.

NOTE Confidence: 0.8147695

00:57:29.250 --> 00:57:30.510 That study sections aren't

NOTE Confidence: 0.8147695

00:57:30.510 --> 00:57:31.770 that good at telling.

NOTE Confidence: 0.8147695

00:57:31.770 --> 00:57:33.140 Outstanding grants from great grants.

NOTE Confidence: 0.8147695

00:57:33.140 --> 00:57:34.228 They're good at telling

NOTE Confidence: 0.8147695

00:57:34.228 --> 00:57:35.588 great grants from bad grants,

NOTE Confidence: 0.8147695

00:57:35.590 --> 00:57:37.638 but they're not so good when you start

NOTE Confidence: 0.8147695

00:57:37.638 --> 00:57:39.399 getting it at the 10th percentile

NOTE Confidence: 0.8147695

00:57:39.399 --> 00:57:41.187 or 8th percentile are those ranges

NOTE Confidence: 0.8068314

00:57:41.242 --> 00:57:42.689 all the all? The scientists do

NOTE Confidence: 0.8068314

00:57:42.689 --> 00:57:44.327 equally well over the long haul,

NOTE Confidence: 0.8068314

00:57:44.330 --> 00:57:47.060 so we're now in sort of year three of this.

NOTE Confidence: 0.8068314

00:57:47.060 --> 00:57:49.517 We've given out a lot of our 30 sevens.

NOTE Confidence: 0.8068314

00:57:49.520 --> 00:57:52.067 We have a good sense of what the budgetary

NOTE Confidence: 0.8068314

00:57:52.067 --> 00:57:54.155 heft of that will be in out years,

NOTE Confidence: 0.8068314

00:57:54.160 --> 00:57:54.976 and it's manageable.

NOTE Confidence: 0.8068314

00:57:54.976 --> 00:57:56.336 Certainly the people are getting.

NOTE Confidence: 0.8068314

00:57:56.340 --> 00:57:58.244 These awards are very excited and happy,

NOTE Confidence: 0.8068314

00:57:58.250 --> 00:57:59.888 but the people are getting are

NOTE Confidence: 0.8068314

00:57:59.888 --> 00:58:01.250 ones are pretty happy too.

NOTE Confidence: 0.8068314

00:58:01.250 --> 00:58:03.815 And a few years we will start to know.

NOTE Confidence: 0.8068314

00:58:03.820 --> 00:58:05.924 If the people who got longer period of

NOTE Confidence: 0.8068314

00:58:05.924 --> 00:58:08.137 funding are more successful by some metric,

NOTE Confidence: 0.8068314

00:58:08.140 --> 00:58:08.980 are they happier?

NOTE Confidence: 0.8068314

00:58:08.980 --> 00:58:11.600 Are they more likely to get their next grant,

NOTE Confidence: 0.8068314

00:58:11.600 --> 00:58:13.316 or are they able to publish?

NOTE Confidence: 0.8068314

00:58:13.320 --> 00:58:15.456 Do they have more time to think and

NOTE Confidence: 0.8068314

00:58:15.456 --> 00:58:17.186 write and do experiments instead

NOTE Confidence: 0.8068314

00:58:17.186 --> 00:58:19.442 of just writing their next Sprint?

NOTE Confidence: 0.8068314

00:58:19.450 --> 00:58:22.260 Ah yeah, I can see it both ways, I think.

00:58:22.260 --> 00:58:23.535 Also the frankly the pressure

00:58:23.535 --> 00:58:25.616 having to get your next friend does

00:58:25.616 --> 00:58:27.196 crystallized the mind of scientists.

00:58:27.200 --> 00:58:28.630 And Fortunately in the lab,

00:58:28.630 --> 00:58:31.480 so I think it is a real experiment to see

00:58:31.549 --> 00:58:34.188 if that is useful for that population.

00:58:34.190 --> 00:58:35.820 But we'll see I think,

00:58:35.820 --> 00:58:37.440 so far as I said,

00:58:37.440 --> 00:58:39.582 is very popular program and when we

00:58:39.582 --> 00:58:41.668 can afford and not an experiment,

00:58:41.670 --> 00:58:43.938 we plan to wind down anytime soon.

00:58:43.940 --> 00:58:44.702 So you know,

00:58:44.702 --> 00:58:46.921 that's two ends of the spectrum we have

00:58:46.921 --> 00:58:48.816 longer grants for established investigators

00:58:48.816 --> 00:58:51.419 and longer grants for early stage people,

NOTE Confidence: 0.8068314

00:58:51.420 --> 00:58:52.395 and I think,

NOTE Confidence: 0.8068314

00:58:52.395 --> 00:58:54.020 based on those two experiences,

NOTE Confidence: 0.8068314

00:58:54.020 --> 00:58:55.645 the NCI can then decide

NOTE Confidence: 0.8068314

00:58:55.645 --> 00:58:57.270 what else wants to do.

NOTE Confidence: 0.8068314

00:58:57.270 --> 00:58:58.890 There is one big disadvantage

NOTE Confidence: 0.8068314

00:58:58.890 --> 00:59:00.186 to long grant switches.

NOTE Confidence: 0.8068314

00:59:00.190 --> 00:59:01.815 They out your costs become

NOTE Confidence: 0.8068314

00:59:01.815 --> 00:59:02.790 much more considerable,

NOTE Confidence: 0.8068314

00:59:02.790 --> 00:59:04.770 and since we only get funded

NOTE Confidence: 0.8068314

00:59:04.770 --> 00:59:06.090 money year to year.

NOTE Confidence: 0.8068314

00:59:06.090 --> 00:59:08.970 You know, I can't bank funds from 21 to 22.

NOTE Confidence: 0.8068314

00:59:08.970 --> 00:59:10.965 You know, we have to spend everything

NOTE Confidence: 0.8068314

00:59:10.965 --> 00:59:12.997 in the fiscal year by federal law,

NOTE Confidence: 0.8068314

00:59:13.000 --> 00:59:14.728 then the more out your commitments.

NOTE Confidence: 0.8068314

00:59:14.730 --> 00:59:16.170 We have the more dangerous.

NOTE Confidence: 0.8068314

00:59:16.170 --> 00:59:18.186 It is for the NCI and you.

NOTE Confidence: 0.8068314

00:59:18.190 --> 00:59:19.262 You have all lived.

NOTE Confidence: 0.8068314

00:59:19.262 --> 00:59:21.930 This you know if there's a bad funding year.

NOTE Confidence: 0.8068314

00:59:21.930 --> 00:59:22.848 That's the year.

NOTE Confidence: 0.8068314

00:59:22.848 --> 00:59:24.990 Urara one gets cut by your noncompeting

NOTE Confidence: 0.8068314

00:59:25.047 --> 00:59:27.114 renewal gets cut by 7% or you know

NOTE Confidence: 0.8068314

00:59:27.114 --> 00:59:29.130 the first year gets cut by 19%.

NOTE Confidence: 0.8068314

00:59:29.130 --> 00:59:29.656 You know,

NOTE Confidence: 0.8068314

00:59:29.656 --> 00:59:31.760 these sorts of things that we have to

NOTE Confidence: 0.8068314

00:59:31.823 --> 00:59:33.706 do every every once in awhile when

NOTE Confidence: 0.8068314

00:59:33.706 --> 00:59:35.848 there's a bad funding year or really

NOTE Confidence: 0.8068314

00:59:35.848 --> 00:59:38.078 because of those extended out your costs.

NOTE Confidence: 0.8068314

00:59:38.078 --> 00:59:39.310 And I hated that.

NOTE Confidence: 0.8068314

00:59:39.310 --> 00:59:40.710 I really don't like telling

NOTE Confidence: 0.8068314

00:59:40.710 --> 00:59:42.420 people they're going to get so

NOTE Confidence: 0.8068314

00:59:42.420 --> 00:59:43.950 much funding they plan for that.

NOTE Confidence: 0.8068314

00:59:43.950 --> 00:59:46.407 And then any year three of the awards say,

NOTE Confidence: 0.8068314

00:59:46.410 --> 00:59:48.048 Oh, we're going to cut significantly.

NOTE Confidence: 0.8068314

00:59:48.050 --> 00:59:48.623 Sorry about that.

NOTE Confidence: 0.8068314

00:59:48.623 --> 00:59:50.705 So I I I that is 1 worries that

NOTE Confidence: 0.8068314

00:59:50.705 --> 00:59:52.430 these longer calendars will lead

NOTE Confidence: 0.8068314

00:59:52.430 --> 00:59:54.049 to less flexibility in future.

NOTE Confidence: 0.8068314

00:59:54.050 --> 00:59:56.330 But it's an ongoing experiment and

NOTE Confidence: 0.8068314

00:59:56.330 --> 00:59:58.810 will know more in a few years.

NOTE Confidence: 0.8068314

00:59:58.810 --> 00:59:59.070 Well,

NOTE Confidence: 0.86229014

00:59:59.070 --> 01:00:00.460 now that we are past.

NOTE Confidence: 0.86229014

01:00:00.460 --> 01:00:02.406 Shower and I just really want to

NOTE Confidence: 0.86229014

01:00:02.406 --> 01:00:04.537 thank you for taking time out of

NOTE Confidence: 0.86229014

01:00:04.537 --> 01:00:06.385 your very busy schedule to speak

NOTE Confidence: 0.86229014

01:00:06.453 --> 01:00:08.385 to us and answer your questions.

NOTE Confidence: 0.86229014

01:00:08.390 --> 01:00:09.955 Thank you for your leadership

NOTE Confidence: 0.86229014

01:00:09.955 --> 01:00:12.743 by you know I think the NCI and

NOTE Confidence: 0.86229014

01:00:12.743 --> 01:00:14.663 frankly cancer centers have really

NOTE Confidence: 0.86229014

01:00:14.663 --> 01:00:16.520 thrived under your leadership.

NOTE Confidence: 0.86229014

01:00:16.520 --> 01:00:17.832 I'd appreciate your perspective.

NOTE Confidence: 0.86229014

01:00:17.832 --> 01:00:20.096 So glad to have your support glad

NOTE Confidence: 0.86229014

01:00:20.096 --> 01:00:21.790 to have you here and thank you.

NOTE Confidence: 0.86229014

01:00:21.790 --> 01:00:23.548 Thank you for having me again.

NOTE Confidence: 0.86229014

01:00:23.550 --> 01:00:24.429 It's been really

NOTE Confidence: 0.8521652

01:00:24.430 --> 01:00:26.670 a lot of fun and a good to see old

NOTE Confidence: 0.8521652

01:00:26.745 --> 01:00:29.328 friends at least virtually, and you know,

NOTE Confidence: 0.8521652

01:00:29.328 --> 01:00:31.190 hopefully sometime we can do this in

NOTE Confidence: 0.8521652

01:00:31.248 --> 01:00:33.216 real life again when pandemic allows.

NOTE Confidence: 0.8521652

01:00:33.220 --> 01:00:34.936 But great seeing you all again

NOTE Confidence: 0.8521652

01:00:34.936 --> 01:00:36.739 and thank you for your work.

NOTE Confidence: 0.8521652

01:00:36.740 --> 01:00:38.498 Will be having cancer patients a

NOTE Confidence: 0.8521652

01:00:38.500 --> 01:00:40.252 great place like you have a

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NOTE Confidence: 0.8521652

01:00:40.252 --> 01:00:43.264 good night. Thank you all.