

WEBVTT

NOTE duration:"00:56:44"

NOTE recognizability:0.872

NOTE language:en-us

NOTE Confidence: 0.6016086075

00:00:00.000 --> 00:00:01.828 Invite Doctor Jim Lachman to say

NOTE Confidence: 0.6016086075

00:00:01.828 --> 00:00:03.619 a few words about Doctor Cohen.

NOTE Confidence: 0.916458

00:00:08.740 --> 00:00:09.972 Well, I will be brief,

NOTE Confidence: 0.916458

00:00:09.972 --> 00:00:11.370 but it's a great honor and

NOTE Confidence: 0.943096287142857

00:00:11.426 --> 00:00:12.510 pleasure to be here.

NOTE Confidence: 0.943096287142857

00:00:12.510 --> 00:00:14.478 And it's great to see everybody in person.

NOTE Confidence: 0.943096287142857

00:00:14.480 --> 00:00:17.192 Although you're all masks and maybe I

NOTE Confidence: 0.943096287142857

00:00:17.192 --> 00:00:19.034 can take mine off for just a little bit.

NOTE Confidence: 0.943096287142857

00:00:19.040 --> 00:00:20.444 Although I'm not drinking any coffee

NOTE Confidence: 0.943096287142857

00:00:20.444 --> 00:00:23.361 at the moment, but we're really

NOTE Confidence: 0.943096287142857

00:00:23.361 --> 00:00:25.496 looking forward to your presentation.

NOTE Confidence: 0.943096287142857

00:00:25.500 --> 00:00:28.492 And it was wonderful to interact with you for

NOTE Confidence: 0.943096287142857

00:00:28.492 --> 00:00:31.460 at least a few minutes during the lunch time,

NOTE Confidence: 0.943096287142857

00:00:31.460 --> 00:00:33.392 but I was asked to say a
NOTE Confidence: 0.943096287142857

00:00:33.392 --> 00:00:34.780 few words about Donald,
NOTE Confidence: 0.943096287142857

00:00:34.780 --> 00:00:36.590 and I guess it made me think of the first
NOTE Confidence: 0.943096287142857

00:00:36.641 --> 00:00:39.070 time that I came to the child's study center.
NOTE Confidence: 0.943096287142857

00:00:39.070 --> 00:00:41.420 Was actually to meet Donald.
NOTE Confidence: 0.943096287142857

00:00:41.420 --> 00:00:43.238 But what was I up to?
NOTE Confidence: 0.943096287142857

00:00:43.240 --> 00:00:46.536 I was actually a fellow at the NIH.
NOTE Confidence: 0.943096287142857

00:00:46.540 --> 00:00:49.172 As you know, a whatever that two year
NOTE Confidence: 0.943096287142857

00:00:49.172 --> 00:00:52.132 program was called back in the day,
NOTE Confidence: 0.943096287142857

00:00:52.132 --> 00:00:53.748 and there had been some
NOTE Confidence: 0.943096287142857

00:00:53.748 --> 00:00:54.958 interaction and I came up.
NOTE Confidence: 0.943096287142857

00:00:54.960 --> 00:00:55.800 And I met Donald,
NOTE Confidence: 0.943096287142857

00:00:55.800 --> 00:00:57.060 and he was such an amazing,
NOTE Confidence: 0.943096287142857

00:00:57.060 --> 00:00:58.385 brilliant scholar.
NOTE Confidence: 0.943096287142857

00:00:58.385 --> 00:01:01.549 I was truly inspired and I'll tell you
NOTE Confidence: 0.943096287142857

00:01:01.549 --> 00:01:03.927 one story about him towards the end,

NOTE Confidence: 0.943096287142857
00:01:03.930 --> 00:01:07.773 but I think it really he would really enjoy
NOTE Confidence: 0.943096287142857
00:01:07.773 --> 00:01:11.697 being present in the audience today for sure.
NOTE Confidence: 0.943096287142857
00:01:11.700 --> 00:01:12.700 And as I mentioned,
NOTE Confidence: 0.943096287142857
00:01:12.700 --> 00:01:14.764 he also had spent time in the intramural
NOTE Confidence: 0.943096287142857
00:01:14.764 --> 00:01:17.050 program at and I age just as I had.
NOTE Confidence: 0.943096287142857
00:01:17.050 --> 00:01:19.394 But he's probably best known for his work
NOTE Confidence: 0.943096287142857
00:01:19.394 --> 00:01:21.988 with regard to autism and Tourette syndrome.
NOTE Confidence: 0.943096287142857
00:01:21.990 --> 00:01:23.926 And he had a real passion for that.
NOTE Confidence: 0.943096287142857
00:01:23.930 --> 00:01:26.289 But he also was committed to providing
NOTE Confidence: 0.943096287142857
00:01:26.289 --> 00:01:29.690 the best clinical care possible.
NOTE Confidence: 0.943096287142857
00:01:29.690 --> 00:01:30.376 And interestingly,
NOTE Confidence: 0.943096287142857
00:01:30.376 --> 00:01:32.664 we have a program called the Sona Program,
NOTE Confidence: 0.943096287142857
00:01:32.670 --> 00:01:34.090 and you've actually met some
NOTE Confidence: 0.943096287142857
00:01:34.090 --> 00:01:35.510 of the individuals who've gone
NOTE Confidence: 0.943096287142857
00:01:35.563 --> 00:01:37.008 through that six year program,
NOTE Confidence: 0.943096287142857

00:01:37.010 --> 00:01:39.404 and it really was inspired by Donald,
NOTE Confidence: 0.943096287142857

00:01:39.410 --> 00:01:40.908 although we call it the solvent program,
NOTE Confidence: 0.943096287142857

00:01:40.910 --> 00:01:43.106 and that's because of some of
NOTE Confidence: 0.943096287142857

00:01:43.106 --> 00:01:44.972 the donors that actually wanted
NOTE Confidence: 0.943096287142857

00:01:44.972 --> 00:01:46.946 to support Al and his work.
NOTE Confidence: 0.943096287142857

00:01:46.950 --> 00:01:49.038 But actually the IT should have
NOTE Confidence: 0.943096287142857

00:01:49.038 --> 00:01:51.010 been called the culling program.
NOTE Confidence: 0.943096287142857

00:01:51.010 --> 00:01:53.194 And basically it was to bring
NOTE Confidence: 0.943096287142857

00:01:53.194 --> 00:01:55.124 scholars who were committed to
NOTE Confidence: 0.943096287142857

00:01:55.124 --> 00:01:56.756 really advancing our science.
NOTE Confidence: 0.943096287142857

00:01:56.760 --> 00:01:59.357 But also to being committed to providing
NOTE Confidence: 0.943096287142857

00:01:59.357 --> 00:02:01.915 the best possible clinical care over the
NOTE Confidence: 0.943096287142857

00:02:01.915 --> 00:02:04.630 long term for the patients that we serve.
NOTE Confidence: 0.943096287142857

00:02:04.630 --> 00:02:05.490 And believe it or not,
NOTE Confidence: 0.943096287142857

00:02:05.490 --> 00:02:07.205 you may actually be sitting next to
NOTE Confidence: 0.943096287142857

00:02:07.205 --> 00:02:09.028 somebody who was a participant of that,

NOTE Confidence: 0.943096287142857
00:02:09.030 --> 00:02:11.354 and there are a number of other
NOTE Confidence: 0.943096287142857
00:02:11.354 --> 00:02:13.350 people I think you met with a few
NOTE Confidence: 0.943096287142857
00:02:13.350 --> 00:02:14.440 other people that were part of
NOTE Confidence: 0.943096287142857
00:02:14.440 --> 00:02:16.830 the some of the program as well.
NOTE Confidence: 0.943096287142857
00:02:16.830 --> 00:02:19.826 So before I turn the floor over,
NOTE Confidence: 0.943096287142857
00:02:19.830 --> 00:02:22.472 I would just want to say thank you
NOTE Confidence: 0.943096287142857
00:02:22.472 --> 00:02:25.704 to Andres Martin and I don't have
NOTE Confidence: 0.943096287142857
00:02:25.704 --> 00:02:26.884 a spare copy of this,
NOTE Confidence: 0.943096287142857
00:02:26.890 --> 00:02:28.933 but he said that we might be able to
NOTE Confidence: 0.943096287142857
00:02:28.933 --> 00:02:30.824 find one and send it along to you.
NOTE Confidence: 0.943096287142857
00:02:30.830 --> 00:02:32.930 And this is life with others,
NOTE Confidence: 0.943096287142857
00:02:32.930 --> 00:02:35.078 and Bob King and Andres Martin
NOTE Confidence: 0.943096287142857
00:02:35.078 --> 00:02:37.868 sort of put this together that I
NOTE Confidence: 0.943096287142857
00:02:37.868 --> 00:02:39.848 was honored to actually prepare
NOTE Confidence: 0.943096287142857
00:02:39.848 --> 00:02:41.685 some of the introductory remarks,
NOTE Confidence: 0.943096287142857

00:02:41.685 --> 00:02:42.593 and I,
NOTE Confidence: 0.943096287142857

00:02:42.593 --> 00:02:44.240 I guess it makes me think because I was
NOTE Confidence: 0.943096287142857

00:02:44.286 --> 00:02:45.672 reading through some of the comments
NOTE Confidence: 0.943096287142857

00:02:45.672 --> 00:02:47.338 that I made that the some of his.
NOTE Confidence: 0.943096287142857

00:02:47.340 --> 00:02:49.170 Ancestors actually came from Ukraine,
NOTE Confidence: 0.943096287142857

00:02:49.170 --> 00:02:50.220 which is fascinating.
NOTE Confidence: 0.912038660666667

00:02:52.730 --> 00:02:54.458 But I guess the one thing that I
NOTE Confidence: 0.912038660666667

00:02:54.458 --> 00:02:56.317 wanted to just sort of end with was.
NOTE Confidence: 0.912038660666667

00:02:56.317 --> 00:02:58.326 I think the reason that I actually
NOTE Confidence: 0.912038660666667

00:02:58.326 --> 00:03:00.826 wanted the child symmetry was that I was
NOTE Confidence: 0.912038660666667

00:03:00.826 --> 00:03:02.879 a resident in psychiatry here at Yale.
NOTE Confidence: 0.764368634

00:03:03.830 --> 00:03:05.840 He was teaching a class.
NOTE Confidence: 0.764368634

00:03:05.840 --> 00:03:06.970 And what was the class?
NOTE Confidence: 0.923308415

00:03:08.060 --> 00:03:10.460 It was an opportunity to follow over
NOTE Confidence: 0.923308415

00:03:10.460 --> 00:03:12.944 the course of development below the
NOTE Confidence: 0.923308415

00:03:12.944 --> 00:03:15.520 experiences of children and their parents

NOTE Confidence: 0.923308415

00:03:15.520 --> 00:03:17.385 and literally started with individuals

NOTE Confidence: 0.923308415

00:03:17.385 --> 00:03:21.070 who are expecting their first child.

NOTE Confidence: 0.923308415

00:03:21.070 --> 00:03:22.766 And I don't know if you know this

NOTE Confidence: 0.923308415

00:03:22.766 --> 00:03:24.727 or not or how many kids you've got.

NOTE Confidence: 0.923308415

00:03:24.730 --> 00:03:27.222 But how long can you go without

NOTE Confidence: 0.923308415

00:03:27.222 --> 00:03:28.710 thinking about your baby?

NOTE Confidence: 0.923308415

00:03:28.710 --> 00:03:30.002 It's really pretty phenomenal

NOTE Confidence: 0.923308415

00:03:30.002 --> 00:03:32.430 in terms of the sort of normal,

NOTE Confidence: 0.923308415

00:03:32.430 --> 00:03:33.765 obsessive compulsive behaviors

NOTE Confidence: 0.923308415

00:03:33.765 --> 00:03:36.435 that are part of the reality

NOTE Confidence: 0.923308415

00:03:36.435 --> 00:03:38.830 of being a new parent anyway.

NOTE Confidence: 0.923308415

00:03:38.830 --> 00:03:41.114 Each week or every other week he

NOTE Confidence: 0.923308415

00:03:41.114 --> 00:03:42.730 would actually bring parents in

NOTE Confidence: 0.923308415

00:03:42.730 --> 00:03:44.978 together with their children to

NOTE Confidence: 0.923308415

00:03:44.978 --> 00:03:47.313 talk about their lived experience.

NOTE Confidence: 0.923308415

00:03:47.320 --> 00:03:48.832 And it was really a phenomenal
NOTE Confidence: 0.923308415

00:03:48.832 --> 00:03:50.030 opportunity for all of us,
NOTE Confidence: 0.923308415

00:03:50.030 --> 00:03:51.476 and it finally ended with somebody
NOTE Confidence: 0.923308415

00:03:51.476 --> 00:03:53.348 who was about to go off to college.
NOTE Confidence: 0.923308415

00:03:53.350 --> 00:03:54.310 And, you know,
NOTE Confidence: 0.923308415

00:03:54.310 --> 00:03:56.230 listening to what the parents and
NOTE Confidence: 0.923308415

00:03:56.230 --> 00:03:58.516 the child had to say about you know
NOTE Confidence: 0.923308415

00:03:58.520 --> 00:04:00.176 adolescence is a whole different story,
NOTE Confidence: 0.923308415

00:04:00.180 --> 00:04:01.140 but we can.
NOTE Confidence: 0.923308415

00:04:01.140 --> 00:04:02.420 We can go there,
NOTE Confidence: 0.923308415

00:04:02.420 --> 00:04:05.244 but Donald was just a remarkable human being,
NOTE Confidence: 0.923308415

00:04:05.250 --> 00:04:07.314 and I guess we just got an email
NOTE Confidence: 0.923308415

00:04:07.314 --> 00:04:09.262 of earlier today from another leor
NOTE Confidence: 0.923308415

00:04:09.262 --> 00:04:11.314 who can't even join us virtually.
NOTE Confidence: 0.923308415

00:04:11.320 --> 00:04:14.170 But he's over in Israel and
NOTE Confidence: 0.923308415

00:04:14.170 --> 00:04:16.740 he actually leaves the Cohen.

NOTE Confidence: 0.923308415

00:04:16.740 --> 00:04:19.108 As the other name.

NOTE Confidence: 0.923308415

00:04:19.110 --> 00:04:21.710 Paris.

NOTE Confidence: 0.923308415

00:04:21.710 --> 00:04:23.990 I think it's Cohen Harris for

NOTE Confidence: 0.923308415

00:04:23.990 --> 00:04:25.790 resilience and believe it or not,

NOTE Confidence: 0.923308415

00:04:25.790 --> 00:04:29.438 I'm the I'm a professor actually,

NOTE Confidence: 0.923308415

00:04:29.440 --> 00:04:31.836 thanks to the Harris family,

NOTE Confidence: 0.923308415

00:04:31.836 --> 00:04:34.385 but I think with that I'm going to

NOTE Confidence: 0.923308415

00:04:34.385 --> 00:04:37.319 turn over the floor and it would be great.

NOTE Confidence: 0.923308415

00:04:37.320 --> 00:04:38.928 If there's a way to track down another

NOTE Confidence: 0.923308415

00:04:38.928 --> 00:04:41.606 copy of this and send this along, thank you.

NOTE Confidence: 0.923308415

00:04:41.606 --> 00:04:42.498 Thank you for coming.

NOTE Confidence: 0.753412188

00:04:46.340 --> 00:04:48.629 Thank you so much Jim and and

NOTE Confidence: 0.753412188

00:04:48.629 --> 00:04:50.720 and you know just to echo,

NOTE Confidence: 0.753412188

00:04:50.720 --> 00:04:51.840 you know, our whole community.

NOTE Confidence: 0.753412188

00:04:51.840 --> 00:04:53.196 Thanks for coming in person today.

NOTE Confidence: 0.753412188

00:04:53.200 --> 00:04:54.370 We really appreciate your time.
NOTE Confidence: 0.753412188

00:04:54.370 --> 00:04:56.309 Doctor Gordon and it's my great pleasure
NOTE Confidence: 0.753412188

00:04:56.309 --> 00:04:58.099 to welcome our speaker for today.
NOTE Confidence: 0.753412188

00:04:58.100 --> 00:05:00.170 Doctor Josh Gordon and the director
NOTE Confidence: 0.753412188

00:05:00.170 --> 00:05:02.301 of the National Institute of Mental
NOTE Confidence: 0.753412188

00:05:02.301 --> 00:05:04.036 Health who needs no introduction.
NOTE Confidence: 0.753412188

00:05:04.040 --> 00:05:05.955 And before becoming the director
NOTE Confidence: 0.753412188

00:05:05.955 --> 00:05:07.785 of the National Institute of Mental
NOTE Confidence: 0.753412188

00:05:07.785 --> 00:05:09.879 Health and Doctor Gordon was a faculty
NOTE Confidence: 0.753412188

00:05:09.879 --> 00:05:11.846 member at Columbia University where he
NOTE Confidence: 0.753412188

00:05:11.846 --> 00:05:13.726 leads an innovative research program
NOTE Confidence: 0.753412188

00:05:13.726 --> 00:05:14.854 integrating systems neuroscience.
NOTE Confidence: 0.753412188

00:05:14.860 --> 00:05:17.596 To interrogate and neural circuits and
NOTE Confidence: 0.753412188

00:05:17.596 --> 00:05:20.070 understand their contribution to behavior,
NOTE Confidence: 0.753412188

00:05:20.070 --> 00:05:22.176 and I think a parallel with what
NOTE Confidence: 0.753412188

00:05:22.176 --> 00:05:24.012 we've heard a little bit about.

NOTE Confidence: 0.753412188

00:05:24.012 --> 00:05:27.116 Doctor Cohen is Doctor Gordon's commitment

NOTE Confidence: 0.753412188

00:05:27.116 --> 00:05:29.204 to elevating the next generation of

NOTE Confidence: 0.753412188

00:05:29.204 --> 00:05:30.999 physicians and physician scientists.

NOTE Confidence: 0.753412188

00:05:31.000 --> 00:05:32.624 And so he served as the associate

NOTE Confidence: 0.753412188

00:05:32.624 --> 00:05:34.199 director of the Adult Psychiatry

NOTE Confidence: 0.753412188

00:05:34.199 --> 00:05:35.447 Residency Training Program.

NOTE Confidence: 0.753412188

00:05:35.450 --> 00:05:37.238 While at Columbia University and the

NOTE Confidence: 0.753412188

00:05:37.238 --> 00:05:38.950 New York State Psychiatric Institute.

NOTE Confidence: 0.753412188

00:05:38.950 --> 00:05:41.266 And just as a small little anecdote.

NOTE Confidence: 0.753412188

00:05:41.266 --> 00:05:43.402 Most recently I saw Doctor Gordon

NOTE Confidence: 0.753412188

00:05:43.402 --> 00:05:44.909 present a part of an.

NOTE Confidence: 0.753412188

00:05:44.910 --> 00:05:47.358 Stage directors panel and he gave

NOTE Confidence: 0.753412188

00:05:47.358 --> 00:05:50.219 some of his time from the panel

NOTE Confidence: 0.753412188

00:05:50.220 --> 00:05:52.262 discussion so that he could actually

NOTE Confidence: 0.753412188

00:05:52.262 --> 00:05:53.900 highlight some of the research and

NOTE Confidence: 0.753412188

00:05:53.950 --> 00:05:55.460 posters that were being presented
NOTE Confidence: 0.753412188

00:05:55.460 --> 00:05:56.970 by junior colleagues at ACMP,
NOTE Confidence: 0.753412188

00:05:56.970 --> 00:05:58.692 which I think serves to demonstrate his
NOTE Confidence: 0.753412188

00:05:58.692 --> 00:06:00.186 commitment to the upcoming generation
NOTE Confidence: 0.753412188

00:06:00.186 --> 00:06:01.946 of future researchers and scientists.
NOTE Confidence: 0.753412188

00:06:01.950 --> 00:06:02.440 So please,
NOTE Confidence: 0.753412188

00:06:02.440 --> 00:06:04.456 with no further ado welcome Doctor
NOTE Confidence: 0.753412188

00:06:04.456 --> 00:06:05.128 Josh Gordon.
NOTE Confidence: 0.913139135

00:06:12.110 --> 00:06:12.872 Thank you Karen,
NOTE Confidence: 0.913139135

00:06:12.872 --> 00:06:14.650 and thank you all for coming today.
NOTE Confidence: 0.913139135

00:06:14.650 --> 00:06:17.410 What you're doing it virtually or in person.
NOTE Confidence: 0.913139135

00:06:17.410 --> 00:06:19.210 It is so nice to be able to
NOTE Confidence: 0.913139135

00:06:19.210 --> 00:06:20.120 resume these visits.
NOTE Confidence: 0.913139135

00:06:20.120 --> 00:06:21.912 I've only been doing it now for
NOTE Confidence: 0.913139135

00:06:21.912 --> 00:06:24.572 about 3 or 4 weeks and it is much
NOTE Confidence: 0.913139135

00:06:24.572 --> 00:06:26.206 more invigorating than than a

NOTE Confidence: 0.913139135

00:06:26.206 --> 00:06:28.324 parade of of even wonderful looking

NOTE Confidence: 0.913139135

00:06:28.324 --> 00:06:31.350 people without masks on zoom.

NOTE Confidence: 0.913139135

00:06:31.350 --> 00:06:33.285 I'm actually very well familiar

NOTE Confidence: 0.913139135

00:06:33.285 --> 00:06:35.353 with the Yale Child Study Center,

NOTE Confidence: 0.913139135

00:06:35.353 --> 00:06:36.557 although I've actually haven't

NOTE Confidence: 0.913139135

00:06:36.557 --> 00:06:37.460 visited it before,

NOTE Confidence: 0.913139135

00:06:37.460 --> 00:06:40.127 but my closest familiarity is the fact

NOTE Confidence: 0.913139135

00:06:40.127 --> 00:06:43.108 that year after year I would lose 2 Yale.

NOTE Confidence: 0.913139135

00:06:43.110 --> 00:06:44.230 All of the resident,

NOTE Confidence: 0.913139135

00:06:44.230 --> 00:06:45.910 but the MD PHD's interested in

NOTE Confidence: 0.913139135

00:06:45.972 --> 00:06:47.688 research for who wanted it to

NOTE Confidence: 0.913139135

00:06:47.688 --> 00:06:49.285 child track because we just

NOTE Confidence: 0.913139135

00:06:49.285 --> 00:06:50.869 couldn't recruit into Columbia.

NOTE Confidence: 0.913139135

00:06:50.870 --> 00:06:53.166 Young sung and Karthik are among the

NOTE Confidence: 0.913139135

00:06:53.166 --> 00:06:56.201 the two that that that that I lost

NOTE Confidence: 0.913139135

00:06:56.201 --> 00:06:58.943 just shortly before moving to NIMH,
NOTE Confidence: 0.913139135

00:06:58.950 --> 00:07:01.047 so it's nice to be back here and and.
NOTE Confidence: 0.913139135

00:07:01.050 --> 00:07:05.050 Now claims some form of affiliation with you,
NOTE Confidence: 0.913139135

00:07:05.050 --> 00:07:08.164 so I get to to enjoy some of the
NOTE Confidence: 0.913139135

00:07:08.164 --> 00:07:11.264 fruits of their labours as as you do.
NOTE Confidence: 0.913139135

00:07:11.270 --> 00:07:13.595 It's as I said earlier to a group of faculty.
NOTE Confidence: 0.913139135

00:07:13.595 --> 00:07:15.710 It's it's a pleasure and and a curse that,
NOTE Confidence: 0.913139135

00:07:15.710 --> 00:07:17.766 as director of NIH I get to talk
NOTE Confidence: 0.913139135

00:07:17.766 --> 00:07:19.768 about a wide range of science.
NOTE Confidence: 0.913139135

00:07:19.770 --> 00:07:20.546 That's the pleasure part.
NOTE Confidence: 0.913139135

00:07:20.546 --> 00:07:21.992 The curse is that I can't possibly
NOTE Confidence: 0.913139135

00:07:21.992 --> 00:07:23.167 talk about everything we do,
NOTE Confidence: 0.913139135

00:07:23.170 --> 00:07:25.096 but I'm going to talk about some of what
NOTE Confidence: 0.913139135

00:07:25.096 --> 00:07:27.209 I see as challenges and opportunities.
NOTE Confidence: 0.913139135

00:07:27.210 --> 00:07:29.450 And I I chose ones that are
NOTE Confidence: 0.913139135

00:07:29.450 --> 00:07:31.540 perhaps most relevant to you all

NOTE Confidence: 0.913139135

00:07:31.540 --> 00:07:33.300 in youth mental health research.

NOTE Confidence: 0.913139135

00:07:33.300 --> 00:07:34.892 But if there's something that I don't talk

NOTE Confidence: 0.913139135

00:07:34.892 --> 00:07:36.290 about today that you're curious about,

NOTE Confidence: 0.913139135

00:07:36.290 --> 00:07:38.089 or something that I do talk about

NOTE Confidence: 0.913139135

00:07:38.089 --> 00:07:40.175 today that I don't get right because

NOTE Confidence: 0.913139135

00:07:40.175 --> 00:07:42.053 this isn't my area of expertise.

NOTE Confidence: 0.913139135

00:07:42.060 --> 00:07:43.644 Feel free to mention it and question it.

NOTE Confidence: 0.913139135

00:07:43.650 --> 00:07:45.210 I'll try to leave some time at the

NOTE Confidence: 0.913139135

00:07:45.210 --> 00:07:46.718 end for comments and questions.

NOTE Confidence: 0.913139135

00:07:46.720 --> 00:07:47.336 The agenda is this.

NOTE Confidence: 0.913139135

00:07:47.336 --> 00:07:48.929 I'm going to talk to you about an overview.

NOTE Confidence: 0.913139135

00:07:48.930 --> 00:07:50.519 The anti image just to make sure.

NOTE Confidence: 0.913139135

00:07:50.520 --> 00:07:52.200 Although most of you will probably

NOTE Confidence: 0.913139135

00:07:52.200 --> 00:07:53.793 are well familiar with us that

NOTE Confidence: 0.913139135

00:07:53.793 --> 00:07:55.481 we're all on the same page and then

NOTE Confidence: 0.913139135

00:07:55.534 --> 00:07:57.354 quickly I'll move into some of the
NOTE Confidence: 0.913139135

00:07:57.354 --> 00:07:59.228 challenges that we face in in youth
NOTE Confidence: 0.913139135

00:07:59.228 --> 00:08:00.860 mental health research from a pretty
NOTE Confidence: 0.913139135

00:08:00.920 --> 00:08:03.020 high level perspective and then talk
NOTE Confidence: 0.913139135

00:08:03.020 --> 00:08:04.744 about opportunities in progress with
NOTE Confidence: 0.913139135

00:08:04.744 --> 00:08:06.376 some examples of the things that
NOTE Confidence: 0.913139135

00:08:06.376 --> 00:08:08.199 we're trying to support at NIH.
NOTE Confidence: 0.913139135

00:08:08.199 --> 00:08:10.197 I'll tell you in advance that
NOTE Confidence: 0.913139135

00:08:10.197 --> 00:08:12.140 buried in many of those slides.
NOTE Confidence: 0.913139135

00:08:12.140 --> 00:08:14.612 We're going to be links to RFA's
NOTE Confidence: 0.913139135

00:08:14.612 --> 00:08:16.970 that we love for you all to apply to.
NOTE Confidence: 0.913139135

00:08:16.970 --> 00:08:18.699 You don't have to scribble them down
NOTE Confidence: 0.913139135

00:08:18.699 --> 00:08:20.591 and just ask Karen and email you
NOTE Confidence: 0.913139135

00:08:20.591 --> 00:08:22.229 the whole presentation and you can
NOTE Confidence: 0.913139135

00:08:22.280 --> 00:08:24.121 click on the links directly and then
NOTE Confidence: 0.913139135

00:08:24.121 --> 00:08:25.483 I'll talk about some things that

NOTE Confidence: 0.913139135

00:08:25.483 --> 00:08:26.820 we think about when we're when we,

NOTE Confidence: 0.913139135

00:08:26.820 --> 00:08:28.396 when we think about how we can move

NOTE Confidence: 0.913139135

00:08:28.396 --> 00:08:29.889 the field forward into the future.

NOTE Confidence: 0.913139135

00:08:29.890 --> 00:08:31.930 So what about the overreach of the NIH?

NOTE Confidence: 0.913139135

00:08:31.930 --> 00:08:32.821 So as again,

NOTE Confidence: 0.913139135

00:08:32.821 --> 00:08:34.900 most of you probably know the NIH

NOTE Confidence: 0.913139135

00:08:34.970 --> 00:08:37.298 is the lead federal agency for

NOTE Confidence: 0.913139135

00:08:37.298 --> 00:08:38.850 research on mental illnesses.

NOTE Confidence: 0.872419406923077

00:08:38.850 --> 00:08:40.800 We support more than 3000 grants

NOTE Confidence: 0.872419406923077

00:08:40.800 --> 00:08:42.100 and contracts at universities

NOTE Confidence: 0.872419406923077

00:08:42.161 --> 00:08:43.370 and other institutions.

NOTE Confidence: 0.872419406923077

00:08:43.370 --> 00:08:45.332 Really around the globe and our

NOTE Confidence: 0.872419406923077

00:08:45.332 --> 00:08:46.640 own intramural research program,

NOTE Confidence: 0.872419406923077

00:08:46.640 --> 00:08:49.195 which I guess many of you have

NOTE Confidence: 0.872419406923077

00:08:49.195 --> 00:08:50.290 have experienced first-hand

NOTE Confidence: 0.872419406923077

00:08:50.354 --> 00:08:52.334 supports about 600 scientists on
NOTE Confidence: 0.872419406923077

00:08:52.334 --> 00:08:54.314 mostly in the Bethesda campus.
NOTE Confidence: 0.872419406923077

00:08:54.320 --> 00:08:57.065 At the NIH, we envision a world in which
NOTE Confidence: 0.872419406923077

00:08:57.065 --> 00:08:59.650 mental illnesses are prevented and cured,
NOTE Confidence: 0.872419406923077

00:08:59.650 --> 00:09:01.421 and to achieve that vision we have
NOTE Confidence: 0.872419406923077

00:09:01.421 --> 00:09:03.247 a mission which is to transform
NOTE Confidence: 0.872419406923077

00:09:03.247 --> 00:09:04.603 the understanding and treatment
NOTE Confidence: 0.872419406923077

00:09:04.603 --> 00:09:05.996 of mental illnesses through
NOTE Confidence: 0.872419406923077

00:09:05.996 --> 00:09:07.500 basic and clinical research,
NOTE Confidence: 0.872419406923077

00:09:07.500 --> 00:09:09.180 paving the way for prevention,
NOTE Confidence: 0.872419406923077

00:09:09.180 --> 00:09:10.581 recovery and cure,
NOTE Confidence: 0.872419406923077

00:09:10.581 --> 00:09:13.383 we take these words quite seriously.
NOTE Confidence: 0.872419406923077

00:09:13.390 --> 00:09:16.380 And that in in both the breadth of what we
NOTE Confidence: 0.872419406923077

00:09:16.459 --> 00:09:19.670 try to do and the depth of what we try to do,
NOTE Confidence: 0.872419406923077

00:09:19.670 --> 00:09:20.850 we do our best to
NOTE Confidence: 0.872419406923077

00:09:20.850 --> 00:09:22.030 communicate that to you all.

NOTE Confidence: 0.872419406923077
00:09:22.030 --> 00:09:23.392 And if you haven't taken a
NOTE Confidence: 0.872419406923077
00:09:23.392 --> 00:09:24.590 look at our strategic plan,
NOTE Confidence: 0.872419406923077
00:09:24.590 --> 00:09:26.190 I recommend you do so.
NOTE Confidence: 0.872419406923077
00:09:26.190 --> 00:09:28.822 It helps identify areas that we think
NOTE Confidence: 0.872419406923077
00:09:28.822 --> 00:09:31.655 of as priorities and also gaps in the
NOTE Confidence: 0.872419406923077
00:09:31.655 --> 00:09:33.850 area that we're not seeing enough.
NOTE Confidence: 0.872419406923077
00:09:33.850 --> 00:09:35.810 And if you figure out where your
NOTE Confidence: 0.872419406923077
00:09:35.810 --> 00:09:37.788 research belongs in that strategic plan,
NOTE Confidence: 0.872419406923077
00:09:37.790 --> 00:09:39.740 it can help in your communication
NOTE Confidence: 0.872419406923077
00:09:39.740 --> 00:09:41.678 with program staff and also help
NOTE Confidence: 0.872419406923077
00:09:41.678 --> 00:09:43.708 you formulate your aims to make to.
NOTE Confidence: 0.872419406923077
00:09:43.710 --> 00:09:45.411 To maximize the degree to which it
NOTE Confidence: 0.872419406923077
00:09:45.411 --> 00:09:47.040 overlaps with our stated priorities,
NOTE Confidence: 0.872419406923077
00:09:47.040 --> 00:09:48.275 beautiful thing about our current
NOTE Confidence: 0.872419406923077
00:09:48.275 --> 00:09:49.510 strategic plan is that it's
NOTE Confidence: 0.872419406923077

00:09:49.551 --> 00:09:50.280 a living document.
NOTE Confidence: 0.872419406923077

00:09:50.280 --> 00:09:51.918 We don't actually print it out anymore.
NOTE Confidence: 0.872419406923077

00:09:51.920 --> 00:09:52.844 I suppose you could,
NOTE Confidence: 0.872419406923077

00:09:52.844 --> 00:09:54.742 but you know then it would be old
NOTE Confidence: 0.872419406923077

00:09:54.742 --> 00:09:56.590 within a year because we revise it every
NOTE Confidence: 0.872419406923077

00:09:56.641 --> 00:09:58.454 year and we're just about to release,
NOTE Confidence: 0.872419406923077

00:09:58.460 --> 00:10:01.240 hopefully sometime in early June
NOTE Confidence: 0.872419406923077

00:10:01.240 --> 00:10:03.440 the 2022 revisions they reflect
NOTE Confidence: 0.872419406923077

00:10:03.440 --> 00:10:05.490 of course changes in priority,
NOTE Confidence: 0.872419406923077

00:10:05.490 --> 00:10:06.850 but they also reflect the
NOTE Confidence: 0.872419406923077

00:10:06.850 --> 00:10:07.938 progress that we've made.
NOTE Confidence: 0.872419406923077

00:10:07.940 --> 00:10:09.446 So we have science highlights now
NOTE Confidence: 0.872419406923077

00:10:09.446 --> 00:10:11.368 that are linked to many of our goals.
NOTE Confidence: 0.872419406923077

00:10:11.370 --> 00:10:12.378 To give you some illustrations of
NOTE Confidence: 0.872419406923077

00:10:12.378 --> 00:10:13.649 the kinds of work that we're doing,
NOTE Confidence: 0.872419406923077

00:10:13.650 --> 00:10:15.030 and if you think your work.

NOTE Confidence: 0.872419406923077
00:10:15.030 --> 00:10:16.360 Deserves to be highlighted either
NOTE Confidence: 0.872419406923077
00:10:16.360 --> 00:10:18.193 in our strategic plan or in the
NOTE Confidence: 0.872419406923077
00:10:18.193 --> 00:10:19.537 other documents that we put out.
NOTE Confidence: 0.872419406923077
00:10:19.540 --> 00:10:20.600 Please let us know.
NOTE Confidence: 0.872419406923077
00:10:20.600 --> 00:10:22.190 We have a great communications team
NOTE Confidence: 0.872419406923077
00:10:22.240 --> 00:10:23.800 that is always looking for exciting
NOTE Confidence: 0.872419406923077
00:10:23.800 --> 00:10:25.776 science and I have to say child mental
NOTE Confidence: 0.872419406923077
00:10:25.776 --> 00:10:27.658 health is an area that you know better
NOTE Confidence: 0.872419406923077
00:10:27.658 --> 00:10:29.576 than I really all Americans know is
NOTE Confidence: 0.872419406923077
00:10:29.576 --> 00:10:31.791 on the forefront of the minds of
NOTE Confidence: 0.872419406923077
00:10:31.791 --> 00:10:33.430 policymakers and the public alike.
NOTE Confidence: 0.872419406923077
00:10:33.430 --> 00:10:35.806 So we'd love to feature your research either
NOTE Confidence: 0.872419406923077
00:10:35.806 --> 00:10:38.497 in the strategic plan or in in other ways.
NOTE Confidence: 0.872419406923077
00:10:38.500 --> 00:10:39.238 So what, what?
NOTE Confidence: 0.872419406923077
00:10:39.238 --> 00:10:41.370 What are we trying to do in youth,
NOTE Confidence: 0.872419406923077

00:10:41.370 --> 00:10:42.063 mental health research?
NOTE Confidence: 0.872419406923077

00:10:42.063 --> 00:10:43.983 And if you'll forgive the hubris of the
NOTE Confidence: 0.872419406923077

00:10:43.983 --> 00:10:45.258 non youth mental health researcher.
NOTE Confidence: 0.872419406923077

00:10:45.260 --> 00:10:46.224 Tell you about it,
NOTE Confidence: 0.872419406923077

00:10:46.224 --> 00:10:47.964 I'll I'll talk to you about some
NOTE Confidence: 0.872419406923077

00:10:47.964 --> 00:10:49.658 of what I see as the challenges.
NOTE Confidence: 0.872419406923077

00:10:49.660 --> 00:10:50.452 The first challenge,
NOTE Confidence: 0.872419406923077

00:10:50.452 --> 00:10:50.980 of course,
NOTE Confidence: 0.872419406923077

00:10:50.980 --> 00:10:52.828 is the tremendous burden of the
NOTE Confidence: 0.872419406923077

00:10:52.828 --> 00:10:55.059 mental illnesses that we attempt to treat.
NOTE Confidence: 0.872419406923077

00:10:55.060 --> 00:10:58.420 These data I'm showing here are for all,
NOTE Confidence: 0.872419406923077

00:10:58.420 --> 00:11:00.880 including adults but and of course,
NOTE Confidence: 0.872419406923077

00:11:00.880 --> 00:11:02.400 much of the burden is an adult years.
NOTE Confidence: 0.872419406923077

00:11:02.400 --> 00:11:04.134 But we also recognize that mental
NOTE Confidence: 0.872419406923077

00:11:04.134 --> 00:11:05.604 and substance use disorders have
NOTE Confidence: 0.872419406923077

00:11:05.604 --> 00:11:06.909 their origins in early life,

NOTE Confidence: 0.8728405225

00:11:06.910 --> 00:11:08.723 and that everything you do is trying

NOTE Confidence: 0.8728405225

00:11:08.723 --> 00:11:10.338 to reduce that burden throughout

NOTE Confidence: 0.8728405225

00:11:10.338 --> 00:11:11.898 the throughout the lifespan.

NOTE Confidence: 0.8728405225

00:11:11.900 --> 00:11:14.224 So this graph shows you that in

NOTE Confidence: 0.8728405225

00:11:14.224 --> 00:11:16.472 the United States, the total.

NOTE Confidence: 0.8728405225

00:11:16.472 --> 00:11:18.350 Burden of disability.

NOTE Confidence: 0.8728405225

00:11:18.350 --> 00:11:19.905 By disease groups and mental

NOTE Confidence: 0.8728405225

00:11:19.905 --> 00:11:21.460 and substance disorders are the

NOTE Confidence: 0.8728405225

00:11:21.515 --> 00:11:23.020 number 3 cause of disability.

NOTE Confidence: 0.8728405225

00:11:23.020 --> 00:11:25.288 If you look globally at the the

NOTE Confidence: 0.8728405225

00:11:25.288 --> 00:11:26.815 individual disease and their

NOTE Confidence: 0.8728405225

00:11:26.815 --> 00:11:28.300 contribution to disability.

NOTE Confidence: 0.8728405225

00:11:28.300 --> 00:11:31.246 V #1 cause of disability globally

NOTE Confidence: 0.8728405225

00:11:31.246 --> 00:11:33.232 is depression and which is,

NOTE Confidence: 0.8728405225

00:11:33.232 --> 00:11:35.628 you know, tells you two things.

NOTE Confidence: 0.8728405225

00:11:35.628 --> 00:11:37.330 One, it tells you how common
NOTE Confidence: 0.8728405225

00:11:37.330 --> 00:11:38.600 are disorders are and #2.
NOTE Confidence: 0.8728405225

00:11:38.600 --> 00:11:40.046 It tells you because of the
NOTE Confidence: 0.8728405225

00:11:40.046 --> 00:11:41.480 chronicity and young age of onset,
NOTE Confidence: 0.8728405225

00:11:41.480 --> 00:11:43.370 the tremendous burden that is
NOTE Confidence: 0.8728405225

00:11:43.370 --> 00:11:45.260 faced by individuals and societies.
NOTE Confidence: 0.8728405225

00:11:45.260 --> 00:11:48.516 Because of these disorders this gets to that.
NOTE Confidence: 0.8728405225

00:11:48.520 --> 00:11:50.278 Point that I made earlier that
NOTE Confidence: 0.8728405225

00:11:50.278 --> 00:11:51.801 just about every mental illness
NOTE Confidence: 0.8728405225

00:11:51.801 --> 00:11:53.565 has its origins in early life,
NOTE Confidence: 0.8728405225

00:11:53.570 --> 00:11:55.733 and I'll point out that these blue
NOTE Confidence: 0.8728405225

00:11:55.733 --> 00:11:57.816 smears I think probably is the is
NOTE Confidence: 0.8728405225

00:11:57.816 --> 00:12:00.210 is as accurate as we can get anyway.
NOTE Confidence: 0.8728405225

00:12:00.210 --> 00:12:02.028 But these blue smears in terms
NOTE Confidence: 0.8728405225

00:12:02.028 --> 00:12:04.393 of onset belie the fact as we
NOTE Confidence: 0.8728405225

00:12:04.393 --> 00:12:05.476 were discussing earlier,

NOTE Confidence: 0.8728405225

00:12:05.480 --> 00:12:07.503 that even for some of these disorders

NOTE Confidence: 0.8728405225

00:12:07.503 --> 00:12:09.449 with later onset like schizophrenia,

NOTE Confidence: 0.8728405225

00:12:09.450 --> 00:12:11.682 substance use and mood disorders that

NOTE Confidence: 0.8728405225

00:12:11.682 --> 00:12:13.816 there's the origins are quite

NOTE Confidence: 0.8728405225

00:12:13.816 --> 00:12:16.152 likely to be much earlier in life than

NOTE Confidence: 0.8728405225

00:12:16.222 --> 00:12:18.537 these smears would otherwise indicate.

NOTE Confidence: 0.8728405225

00:12:18.540 --> 00:12:20.913 Another challenge that we face to the

NOTE Confidence: 0.8728405225

00:12:20.913 --> 00:12:23.028 besides the burden of our illnesses,

NOTE Confidence: 0.8728405225

00:12:23.030 --> 00:12:24.956 is the fact that our treatments

NOTE Confidence: 0.8728405225

00:12:24.956 --> 00:12:26.240 are of limited efficacy.

NOTE Confidence: 0.8728405225

00:12:26.240 --> 00:12:28.178 Even if we think about depression,

NOTE Confidence: 0.8728405225

00:12:28.180 --> 00:12:30.820 which we think of anyway

NOTE Confidence: 0.8728405225

00:12:30.820 --> 00:12:33.460 as a reasonably as us,

NOTE Confidence: 0.8728405225

00:12:33.460 --> 00:12:34.858 having reasonably effective

NOTE Confidence: 0.8728405225

00:12:34.858 --> 00:12:36.722 medications and other treatments

NOTE Confidence: 0.8728405225

00:12:36.722 --> 00:12:38.935 for depression are our medications
NOTE Confidence: 0.8728405225

00:12:38.935 --> 00:12:40.635 are only modestly effective.
NOTE Confidence: 0.8728405225

00:12:40.640 --> 00:12:41.172 Of course,
NOTE Confidence: 0.8728405225

00:12:41.172 --> 00:12:43.034 you all know that in adults you
NOTE Confidence: 0.8728405225

00:12:43.034 --> 00:12:44.907 know if you look at some of the
NOTE Confidence: 0.8728405225

00:12:44.907 --> 00:12:46.590 best data on this coming from,
NOTE Confidence: 0.8728405225

00:12:46.590 --> 00:12:48.270 you know, very large trials.
NOTE Confidence: 0.8728405225

00:12:48.270 --> 00:12:48.790 At best,
NOTE Confidence: 0.8728405225

00:12:48.790 --> 00:12:50.540 you're talking about a 30% remission
NOTE Confidence: 0.8728405225

00:12:50.540 --> 00:12:52.790 rate with any one antidepressant
NOTE Confidence: 0.8728405225

00:12:52.790 --> 00:12:55.330 or a 2/3 remission rate with
NOTE Confidence: 0.8728405225

00:12:55.330 --> 00:12:58.782 with multiple over time.
NOTE Confidence: 0.8728405225

00:12:58.782 --> 00:13:00.508 Traditionally antidepressants,
NOTE Confidence: 0.8728405225

00:13:00.510 --> 00:13:03.014 even then half of those people or more
NOTE Confidence: 0.8728405225

00:13:03.014 --> 00:13:05.386 will relapse within the within the year
NOTE Confidence: 0.8728405225

00:13:05.386 --> 00:13:07.690 after in real world practice settings.

NOTE Confidence: 0.8728405225

00:13:07.690 --> 00:13:10.035 This has a curve of course of

NOTE Confidence: 0.8728405225

00:13:10.035 --> 00:13:11.591 children with depression treated

NOTE Confidence: 0.8728405225

00:13:11.591 --> 00:13:13.527 with placebo versus sertraline,

NOTE Confidence: 0.8728405225

00:13:13.530 --> 00:13:15.324 and you can see the extremely

NOTE Confidence: 0.8728405225

00:13:15.324 --> 00:13:17.270 modest effect sizes of our illness.

NOTE Confidence: 0.8728405225

00:13:17.270 --> 00:13:18.560 Actually, if you look at this.

NOTE Confidence: 0.8728405225

00:13:18.560 --> 00:13:19.954 Curve is not so bad, right?

NOTE Confidence: 0.8728405225

00:13:19.954 --> 00:13:21.226 We're on average,

NOTE Confidence: 0.8728405225

00:13:21.226 --> 00:13:22.498 dropping depression symptomatology,

NOTE Confidence: 0.8728405225

00:13:22.500 --> 00:13:23.809 and I forget which scale this is.

NOTE Confidence: 0.8728405225

00:13:23.810 --> 00:13:25.786 But by about 50%.

NOTE Confidence: 0.8728405225

00:13:25.786 --> 00:13:27.268 But of course,

NOTE Confidence: 0.8728405225

00:13:27.270 --> 00:13:28.356 if much of the work there

NOTE Confidence: 0.8728405225

00:13:28.356 --> 00:13:29.470 is being done by placebo,

NOTE Confidence: 0.8728405225

00:13:29.470 --> 00:13:31.164 that means that we have a lot

NOTE Confidence: 0.8728405225

00:13:31.164 --> 00:13:33.167 of work to do to try to develop
NOTE Confidence: 0.8728405225

00:13:33.170 --> 00:13:34.950 treatments that are more effective,
NOTE Confidence: 0.8728405225

00:13:34.950 --> 00:13:36.915 either by tailoring them, by, by,
NOTE Confidence: 0.8728405225

00:13:36.915 --> 00:13:39.330 by, giving them to the right people,
NOTE Confidence: 0.8728405225

00:13:39.330 --> 00:13:43.008 or by getting more effective treatments.
NOTE Confidence: 0.8728405225

00:13:43.010 --> 00:13:45.770 The the rates of these disorders are very,
NOTE Confidence: 0.8728405225

00:13:45.770 --> 00:13:48.600 very high, even in adolescence.
NOTE Confidence: 0.8728405225

00:13:48.600 --> 00:13:50.520 This is a national comorbidity
NOTE Confidence: 0.8728405225

00:13:50.520 --> 00:13:52.440 survey of adolescents showing that
NOTE Confidence: 0.8728405225

00:13:52.504 --> 00:13:54.695 nearly half if not more than half
NOTE Confidence: 0.8728405225

00:13:54.695 --> 00:13:56.863 of adolescents will have a lifetime
NOTE Confidence: 0.8728405225

00:13:56.863 --> 00:13:58.415 prevalence of mental disorder.
NOTE Confidence: 0.8728405225

00:13:58.420 --> 00:14:00.800 That's astounding and and
NOTE Confidence: 0.8728405225

00:14:00.800 --> 00:14:02.585 what's particularly astounding,
NOTE Confidence: 0.8728405225

00:14:02.590 --> 00:14:03.052 of course,
NOTE Confidence: 0.8728405225

00:14:03.052 --> 00:14:04.900 is that you all know that the state

NOTE Confidence: 0.89381833

00:14:04.950 --> 00:14:06.546 of treatment services in the United

NOTE Confidence: 0.89381833

00:14:06.546 --> 00:14:08.489 States is so poor that very few

NOTE Confidence: 0.89381833

00:14:08.489 --> 00:14:09.869 of them are getting treatment,

NOTE Confidence: 0.89381833

00:14:09.870 --> 00:14:12.243 and very few of those are getting

NOTE Confidence: 0.89381833

00:14:12.243 --> 00:14:13.260 evidence based therapies.

NOTE Confidence: 0.89381833

00:14:13.260 --> 00:14:15.456 If we talk about service delivery,

NOTE Confidence: 0.89381833

00:14:15.460 --> 00:14:17.308 it's not just the total amount

NOTE Confidence: 0.89381833

00:14:17.308 --> 00:14:19.049 of services for children that is.

NOTE Confidence: 0.89381833

00:14:19.050 --> 00:14:21.786 That is a challenge in the United States.

NOTE Confidence: 0.89381833

00:14:21.790 --> 00:14:24.574 It's also the services that are

NOTE Confidence: 0.89381833

00:14:24.574 --> 00:14:26.246 available depending upon factors

NOTE Confidence: 0.89381833

00:14:26.246 --> 00:14:27.626 that it really shouldn't matter,

NOTE Confidence: 0.89381833

00:14:27.630 --> 00:14:29.826 like race or where you live.

NOTE Confidence: 0.89381833

00:14:29.830 --> 00:14:31.954 This is looking at the percentage

NOTE Confidence: 0.89381833

00:14:31.954 --> 00:14:33.857 of individuals who have received

NOTE Confidence: 0.89381833

00:14:33.857 --> 00:14:35.967 mental health services in the
NOTE Confidence: 0.89381833

00:14:35.967 --> 00:14:37.655 past year amongst adolescents
NOTE Confidence: 0.89381833

00:14:37.723 --> 00:14:39.648 over the last five years or so.
NOTE Confidence: 0.89381833

00:14:39.650 --> 00:14:40.367 As of 2019,
NOTE Confidence: 0.89381833

00:14:40.367 --> 00:14:42.460 and you can see that the likelihood that
NOTE Confidence: 0.89381833

00:14:42.460 --> 00:14:44.632 you're getting treatment for a mental
NOTE Confidence: 0.89381833

00:14:44.632 --> 00:14:46.280 illness depends tremendously upon race.
NOTE Confidence: 0.89381833

00:14:46.280 --> 00:14:48.338 Now the reason for these disparities
NOTE Confidence: 0.89381833

00:14:48.338 --> 00:14:50.560 in care are very complicated.
NOTE Confidence: 0.89381833

00:14:50.560 --> 00:14:50.876 Right,
NOTE Confidence: 0.89381833

00:14:50.876 --> 00:14:53.088 they include factors having to do with
NOTE Confidence: 0.89381833

00:14:53.088 --> 00:14:54.880 the individual communities involved,
NOTE Confidence: 0.89381833

00:14:54.880 --> 00:14:56.506 but they also have factors to
NOTE Confidence: 0.89381833

00:14:56.506 --> 00:14:58.520 do with access for a number of
NOTE Confidence: 0.89381833

00:14:58.520 --> 00:15:00.248 different reasons as well as the
NOTE Confidence: 0.89381833

00:15:00.248 --> 00:15:01.957 degree to which those treatments

NOTE Confidence: 0.89381833

00:15:01.957 --> 00:15:03.652 are tailored for and accessible

NOTE Confidence: 0.89381833

00:15:03.652 --> 00:15:05.052 to the the communities involved.

NOTE Confidence: 0.89381833

00:15:05.052 --> 00:15:07.679 So we need to do a better job of

NOTE Confidence: 0.89381833

00:15:07.679 --> 00:15:09.324 ensuring that people get services,

NOTE Confidence: 0.89381833

00:15:09.330 --> 00:15:11.280 and although it's harder to quantify,

NOTE Confidence: 0.89381833

00:15:11.280 --> 00:15:13.107 there is some evidence as well that

NOTE Confidence: 0.89381833

00:15:13.107 --> 00:15:15.227 the quality of care once you do

NOTE Confidence: 0.89381833

00:15:15.227 --> 00:15:16.503 receive services varies depending

NOTE Confidence: 0.89381833

00:15:16.503 --> 00:15:18.267 on factors like race and ethnicity

NOTE Confidence: 0.89381833

00:15:18.267 --> 00:15:19.869 and where you live as well.

NOTE Confidence: 0.86660168

00:15:22.150 --> 00:15:23.410 Another burden, another challenge

NOTE Confidence: 0.86660168

00:15:23.410 --> 00:15:25.688 that we face in mental health research

NOTE Confidence: 0.86660168

00:15:25.688 --> 00:15:27.353 is alleviating the worst outcomes

NOTE Confidence: 0.86660168

00:15:27.353 --> 00:15:30.829 of our illnesses, whether it be.

NOTE Confidence: 0.86660168

00:15:30.830 --> 00:15:33.570 Death or or chronic disability.

NOTE Confidence: 0.86660168

00:15:33.570 --> 00:15:35.225 One of those outcomes is
NOTE Confidence: 0.86660168

00:15:35.225 --> 00:15:36.549 illustrated here suicide deaths.
NOTE Confidence: 0.86660168

00:15:36.550 --> 00:15:39.238 This is a curve of crude suicide
NOTE Confidence: 0.86660168

00:15:39.238 --> 00:15:41.202 rates amongst youth in the
NOTE Confidence: 0.86660168

00:15:41.202 --> 00:15:43.270 United States from 1999 to 2020,
NOTE Confidence: 0.86660168

00:15:43.270 --> 00:15:46.179 and why you can see some little bit of
NOTE Confidence: 0.86660168

00:15:46.179 --> 00:15:49.070 hope saying that curve for 15 to 19 years.
NOTE Confidence: 0.86660168

00:15:49.070 --> 00:15:50.108 We're in the last few years,
NOTE Confidence: 0.86660168

00:15:50.110 --> 00:15:52.427 the curve has flattened a little bit.
NOTE Confidence: 0.86660168

00:15:52.430 --> 00:15:53.790 You can see that inexorably
NOTE Confidence: 0.86660168

00:15:53.790 --> 00:15:55.150 over the last 20 years,
NOTE Confidence: 0.86660168

00:15:55.150 --> 00:15:57.148 those rates have been going up.
NOTE Confidence: 0.86660168

00:15:57.150 --> 00:15:59.442 The situation is even more concerning
NOTE Confidence: 0.86660168

00:15:59.442 --> 00:16:01.830 when you look at this graph.
NOTE Confidence: 0.86660168

00:16:01.830 --> 00:16:03.814 Which was the first time I saw it.
NOTE Confidence: 0.86660168

00:16:03.820 --> 00:16:07.230 I was shocked this is children aged 5 to 9.

NOTE Confidence: 0.86660168

00:16:07.230 --> 00:16:09.354 Now you noticed of course they

NOTE Confidence: 0.86660168

00:16:09.354 --> 00:16:12.059 have a very low base rate of

NOTE Confidence: 0.86660168

00:16:12.059 --> 00:16:14.079 suicidal of death by suicide.

NOTE Confidence: 0.86660168

00:16:14.080 --> 00:16:16.145 But the fact that over the course

NOTE Confidence: 0.86660168

00:16:16.145 --> 00:16:18.504 of the past three years the rate

NOTE Confidence: 0.86660168

00:16:18.504 --> 00:16:20.254 has what more than tripled.

NOTE Confidence: 0.86660168

00:16:20.260 --> 00:16:22.532 And it's it's astounding and we have to

NOTE Confidence: 0.86660168

00:16:22.532 --> 00:16:24.626 acknowledge at least I have to acknowledge.

NOTE Confidence: 0.86660168

00:16:24.630 --> 00:16:26.556 Maybe you have more knowledge than

NOTE Confidence: 0.86660168

00:16:26.556 --> 00:16:28.186 I know nothing about suicidality

NOTE Confidence: 0.86660168

00:16:28.186 --> 00:16:30.174 and suicide in ages 5 to 9.

NOTE Confidence: 0.86660168

00:16:30.180 --> 00:16:31.800 And if you look at the field we know very,

NOTE Confidence: 0.86660168

00:16:31.800 --> 00:16:32.274 very little.

NOTE Confidence: 0.86660168

00:16:32.274 --> 00:16:33.933 And although and part of that is

NOTE Confidence: 0.86660168

00:16:33.933 --> 00:16:35.242 because it's so hard to study

NOTE Confidence: 0.86660168

00:16:35.242 --> 00:16:36.500 because the rates are so low,
NOTE Confidence: 0.86660168

00:16:36.500 --> 00:16:38.260 well they may not be so low anymore.
NOTE Confidence: 0.86660168

00:16:38.260 --> 00:16:40.348 And and and this is a population we
NOTE Confidence: 0.86660168

00:16:40.348 --> 00:16:42.999 need to start paying attention to another.
NOTE Confidence: 0.86660168

00:16:43.000 --> 00:16:45.286 Concerning trend is the rise in
NOTE Confidence: 0.86660168

00:16:45.286 --> 00:16:46.810 suicidality amongst black youth.
NOTE Confidence: 0.86660168

00:16:46.810 --> 00:16:48.418 This is showing 15 to 19,
NOTE Confidence: 0.86660168

00:16:48.420 --> 00:16:50.916 but the curves are are equally
NOTE Confidence: 0.86660168

00:16:50.916 --> 00:16:53.219 concerning with younger ages as well.
NOTE Confidence: 0.86660168

00:16:53.220 --> 00:16:55.316 Also in the last four to five years
NOTE Confidence: 0.86660168

00:16:55.316 --> 00:16:57.017 we've seen a substantial increase
NOTE Confidence: 0.86660168

00:16:57.017 --> 00:16:59.255 in suicide rates amongst black youth
NOTE Confidence: 0.86660168

00:16:59.260 --> 00:17:03.010 that also we can't quite explain.
NOTE Confidence: 0.86660168

00:17:03.010 --> 00:17:04.802 Black adults are relatively
NOTE Confidence: 0.86660168

00:17:04.802 --> 00:17:06.146 protected against suicide.
NOTE Confidence: 0.86660168

00:17:06.150 --> 00:17:07.970 They have lower suicide rates

NOTE Confidence: 0.86660168

00:17:07.970 --> 00:17:09.790 than white or other ethnicities,

NOTE Confidence: 0.86660168

00:17:09.790 --> 00:17:11.302 but the rates among black youth

NOTE Confidence: 0.86660168

00:17:11.302 --> 00:17:12.842 over the last several years have

NOTE Confidence: 0.86660168

00:17:12.842 --> 00:17:14.508 been rising so high that they now

NOTE Confidence: 0.86660168

00:17:14.508 --> 00:17:16.229 rival the rates amongst white youth.

NOTE Confidence: 0.86660168

00:17:16.230 --> 00:17:18.141 And we are quite concerned that through

NOTE Confidence: 0.86660168

00:17:18.141 --> 00:17:20.255 the course of the pandemic they may

NOTE Confidence: 0.86660168

00:17:20.255 --> 00:17:22.480 have actually surpassed rates of white youth.

NOTE Confidence: 0.86660168

00:17:22.480 --> 00:17:25.651 So suicide is a major burden that

NOTE Confidence: 0.86660168

00:17:25.651 --> 00:17:28.432 we face another burden that we

NOTE Confidence: 0.86660168

00:17:28.432 --> 00:17:31.240 face is the rising challenges of

NOTE Confidence: 0.86660168

00:17:31.331 --> 00:17:33.119 a more complex world.

NOTE Confidence: 0.86660168

00:17:33.120 --> 00:17:34.550 And one of those challenges

NOTE Confidence: 0.86660168

00:17:34.550 --> 00:17:35.980 it's use of social media.

NOTE Confidence: 0.86660168

00:17:35.980 --> 00:17:38.556 There's a lot of hand wringing and

NOTE Confidence: 0.86660168

00:17:38.556 --> 00:17:40.129 consternation about the mental
NOTE Confidence: 0.86660168

00:17:40.129 --> 00:17:42.139 health effects of social media,
NOTE Confidence: 0.86660168

00:17:42.140 --> 00:17:44.780 often expressed on social media,
NOTE Confidence: 0.86660168

00:17:44.780 --> 00:17:46.850 but also other forms of media.
NOTE Confidence: 0.86660168

00:17:46.850 --> 00:17:49.682 And we have to recognize that there's good
NOTE Confidence: 0.86660168

00:17:49.682 --> 00:17:52.667 reasons to be concerned about it nationally.
NOTE Confidence: 0.86660168

00:17:52.670 --> 00:17:55.262 We see tremendous adoption of social
NOTE Confidence: 0.86660168

00:17:55.262 --> 00:17:57.785 media and technologies with more and
NOTE Confidence: 0.86660168

00:17:57.785 --> 00:18:00.305 more time being spent on these devices,
NOTE Confidence: 0.86660168

00:18:00.310 --> 00:18:02.200 and there is some evidence that
NOTE Confidence: 0.86660168

00:18:02.200 --> 00:18:04.220 there are clear harms to be
NOTE Confidence: 0.86660168

00:18:04.220 --> 00:18:05.608 associated with social media.
NOTE Confidence: 0.86660168

00:18:05.610 --> 00:18:06.662 On the other hand,
NOTE Confidence: 0.86660168

00:18:06.662 --> 00:18:08.770 there are also evidence of some benefits,
NOTE Confidence: 0.86660168

00:18:08.770 --> 00:18:10.022 such as increased social
NOTE Confidence: 0.86660168

00:18:10.022 --> 00:18:11.587 connectedness that can be protective,

NOTE Confidence: 0.873992288666667
00:18:11.590 --> 00:18:13.669 so this is something that we know we have
NOTE Confidence: 0.873992288666667
00:18:13.669 --> 00:18:15.916 to study and that actually Congress has,
NOTE Confidence: 0.873992288666667
00:18:15.916 --> 00:18:17.572 or the President is proposing to
NOTE Confidence: 0.873992288666667
00:18:17.572 --> 00:18:19.188 give us additional funds to study,
NOTE Confidence: 0.873992288666667
00:18:19.190 --> 00:18:22.142 and we'll see how that works out over time.
NOTE Confidence: 0.873992288666667
00:18:22.150 --> 00:18:24.397 Finally, of course, we have to acknowledge
NOTE Confidence: 0.873992288666667
00:18:24.397 --> 00:18:26.354 that the COVID-19 pandemic has created
NOTE Confidence: 0.873992288666667
00:18:26.354 --> 00:18:28.531 created a whole new set of challenges
NOTE Confidence: 0.873992288666667
00:18:28.586 --> 00:18:30.566 for the mental health research field,
NOTE Confidence: 0.873992288666667
00:18:30.570 --> 00:18:32.186 and that's perhaps especially
NOTE Confidence: 0.873992288666667
00:18:32.186 --> 00:18:34.206 true for youth mental health.
NOTE Confidence: 0.873992288666667
00:18:34.210 --> 00:18:36.338 This is a chart of hospital admissions
NOTE Confidence: 0.873992288666667
00:18:36.338 --> 00:18:38.750 for US youth diagnosed with COVID-19.
NOTE Confidence: 0.873992288666667
00:18:38.750 --> 00:18:41.084 You can see the big Omicron
NOTE Confidence: 0.873992288666667
00:18:41.084 --> 00:18:43.570 peak in January of this year.
NOTE Confidence: 0.873992288666667

00:18:43.570 --> 00:18:46.126 The of course, as you know,
NOTE Confidence: 0.873992288666667

00:18:46.130 --> 00:18:47.810 the burden of COVID-19,
NOTE Confidence: 0.873992288666667

00:18:47.810 --> 00:18:49.070 especially in children,
NOTE Confidence: 0.873992288666667

00:18:49.070 --> 00:18:50.090 is not necessarily about
NOTE Confidence: 0.873992288666667

00:18:50.090 --> 00:18:51.110 those who've been infected,
NOTE Confidence: 0.873992288666667

00:18:51.110 --> 00:18:52.454 but about the population.
NOTE Confidence: 0.873992288666667

00:18:52.454 --> 00:18:55.260 Large we saw that early on in the
NOTE Confidence: 0.873992288666667

00:18:55.260 --> 00:18:57.432 pandemic where we saw increases in
NOTE Confidence: 0.873992288666667

00:18:57.432 --> 00:18:59.668 the proportion of visits to emergency
NOTE Confidence: 0.873992288666667

00:18:59.668 --> 00:19:01.880 rooms to child emergency rooms that
NOTE Confidence: 0.873992288666667

00:19:01.880 --> 00:19:03.730 were for mental health reasons.
NOTE Confidence: 0.873992288666667

00:19:03.730 --> 00:19:04.938 That's the lower graph,
NOTE Confidence: 0.873992288666667

00:19:04.938 --> 00:19:07.338 although in the upper graph you can see
NOTE Confidence: 0.873992288666667

00:19:07.338 --> 00:19:09.450 the number the total number of visits to
NOTE Confidence: 0.873992288666667

00:19:09.450 --> 00:19:11.886 ER's for mental health reasons didn't drop.
NOTE Confidence: 0.873992288666667

00:19:11.890 --> 00:19:13.102 So what was happening there in

NOTE Confidence: 0.873992288666667
00:19:13.102 --> 00:19:14.480 the early course of the pandemic?
NOTE Confidence: 0.873992288666667
00:19:14.480 --> 00:19:15.908 Well, an early course of the pandemic.
NOTE Confidence: 0.873992288666667
00:19:15.910 --> 00:19:17.188 You didn't take your kid to
NOTE Confidence: 0.873992288666667
00:19:17.188 --> 00:19:18.649 the ER unless they were really,
NOTE Confidence: 0.873992288666667
00:19:18.650 --> 00:19:19.562 really sick.
NOTE Confidence: 0.873992288666667
00:19:19.562 --> 00:19:22.754 So the fact that that we saw.
NOTE Confidence: 0.873992288666667
00:19:22.760 --> 00:19:23.158 Basically,
NOTE Confidence: 0.873992288666667
00:19:23.158 --> 00:19:25.546 steady rates of ER visits for
NOTE Confidence: 0.873992288666667
00:19:25.546 --> 00:19:27.163 mental health reasons suggested
NOTE Confidence: 0.873992288666667
00:19:27.163 --> 00:19:29.676 that there was at least an increase
NOTE Confidence: 0.873992288666667
00:19:29.676 --> 00:19:31.968 in acuity of mental illness in in
NOTE Confidence: 0.873992288666667
00:19:31.968 --> 00:19:33.804 the early phases of the pandemic.
NOTE Confidence: 0.873992288666667
00:19:33.804 --> 00:19:36.072 Of course we know across the population
NOTE Confidence: 0.873992288666667
00:19:36.072 --> 00:19:38.040 they were increases in the rates.
NOTE Confidence: 0.873992288666667
00:19:38.040 --> 00:19:40.482 This data is from adults of
NOTE Confidence: 0.873992288666667

00:19:40.482 --> 00:19:41.703 individuals reporting anxiety,
NOTE Confidence: 0.873992288666667

00:19:41.710 --> 00:19:44.362 depression, substance use, suicidality,
NOTE Confidence: 0.873992288666667

00:19:44.362 --> 00:19:45.688 et cetera.
NOTE Confidence: 0.873992288666667

00:19:45.690 --> 00:19:47.952 And the data on pediatric mental
NOTE Confidence: 0.873992288666667

00:19:47.952 --> 00:19:50.624 health usage has been a little bit
NOTE Confidence: 0.873992288666667

00:19:50.624 --> 00:19:53.450 more equivocal as the pandemic has worn on.
NOTE Confidence: 0.873992288666667

00:19:53.450 --> 00:19:55.669 This is a graph from a recent
NOTE Confidence: 0.873992288666667

00:19:55.669 --> 00:19:57.578 CDC publication and the Morbidity
NOTE Confidence: 0.873992288666667

00:19:57.578 --> 00:19:59.362 Mortality Weekly report showing
NOTE Confidence: 0.873992288666667

00:19:59.362 --> 00:20:01.966 essentially a return to pre pandemic
NOTE Confidence: 0.873992288666667

00:20:01.966 --> 00:20:04.216 levels of ER visits for mental
NOTE Confidence: 0.873992288666667

00:20:04.216 --> 00:20:07.550 health reasons across the country.
NOTE Confidence: 0.873992288666667

00:20:07.550 --> 00:20:09.358 With some notable increases
NOTE Confidence: 0.873992288666667

00:20:09.358 --> 00:20:10.714 in specific disorders,
NOTE Confidence: 0.873992288666667

00:20:10.720 --> 00:20:12.616 the top graph is increasing rates
NOTE Confidence: 0.873992288666667

00:20:12.616 --> 00:20:14.530 of visits for eating disorders,

NOTE Confidence: 0.873992288666667
00:20:14.530 --> 00:20:15.706 the dark blue, by the way,
NOTE Confidence: 0.873992288666667
00:20:15.710 --> 00:20:18.181 is females and the dotted line is
NOTE Confidence: 0.873992288666667
00:20:18.181 --> 00:20:20.781 males and then on the bottom you
NOTE Confidence: 0.873992288666667
00:20:20.781 --> 00:20:22.983 see the same for tick disorders.
NOTE Confidence: 0.873992288666667
00:20:22.990 --> 00:20:26.486 So is this the tip of the iceberg?
NOTE Confidence: 0.873992288666667
00:20:26.490 --> 00:20:30.130 Is this representing greater acuity,
NOTE Confidence: 0.873992288666667
00:20:30.130 --> 00:20:32.200 or is this representing essentially
NOTE Confidence: 0.873992288666667
00:20:32.200 --> 00:20:34.270 some mild or some modest?
NOTE Confidence: 0.873992288666667
00:20:34.270 --> 00:20:36.385 Let's say increases in demand
NOTE Confidence: 0.873992288666667
00:20:36.385 --> 00:20:37.654 for specific diagnosis.
NOTE Confidence: 0.873992288666667
00:20:37.660 --> 00:20:40.408 We're not really sure.
NOTE Confidence: 0.873992288666667
00:20:40.410 --> 00:20:41.421 We do know,
NOTE Confidence: 0.873992288666667
00:20:41.421 --> 00:20:41.758 though,
NOTE Confidence: 0.873992288666667
00:20:41.758 --> 00:20:44.191 that much of what we expected from
NOTE Confidence: 0.873992288666667
00:20:44.191 --> 00:20:46.550 the in terms of mental health effects
NOTE Confidence: 0.873992288666667

00:20:46.550 --> 00:20:48.947 of the pandemic is what we saw.
NOTE Confidence: 0.873992288666667

00:20:48.950 --> 00:20:51.038 We expected from surveys and studies
NOTE Confidence: 0.873992288666667

00:20:51.038 --> 00:20:52.785 of previous disasters and epidemics
NOTE Confidence: 0.873992288666667

00:20:52.785 --> 00:20:54.864 that we would see increases in the
NOTE Confidence: 0.873992288666667

00:20:54.864 --> 00:20:56.750 rates of mental health symptomatology
NOTE Confidence: 0.873992288666667

00:20:56.750 --> 00:20:58.390 and mental health utilization
NOTE Confidence: 0.873992288666667

00:20:58.390 --> 00:21:00.835 in the context of the trauma.
NOTE Confidence: 0.873992288666667

00:21:00.835 --> 00:21:03.910 In this case, the the COVID pandemic itself,
NOTE Confidence: 0.873992288666667

00:21:03.910 --> 00:21:05.080 and we're seeing that if you
NOTE Confidence: 0.873992288666667

00:21:05.080 --> 00:21:06.150 look on the bottom right,
NOTE Confidence: 0.873992288666667

00:21:06.150 --> 00:21:08.190 you can see this is again in adults.
NOTE Confidence: 0.873992288666667

00:21:08.190 --> 00:21:09.562 The rates of adults.
NOTE Confidence: 0.873992288666667

00:21:09.562 --> 00:21:10.591 Expressing depressive symptoms
NOTE Confidence: 0.873992288666667

00:21:10.591 --> 00:21:11.620 that meet mild,
NOTE Confidence: 0.882803842857143

00:21:11.620 --> 00:21:12.907 moderate, moderately, severe,
NOTE Confidence: 0.882803842857143

00:21:12.907 --> 00:21:15.481 or severe criteria are all so

NOTE Confidence: 0.882803842857143
00:21:15.481 --> 00:21:17.599 across the spectrum of severity.
NOTE Confidence: 0.882803842857143
00:21:17.600 --> 00:21:19.900 We're seeing greater depression in
NOTE Confidence: 0.882803842857143
00:21:19.900 --> 00:21:22.424 the US population, at least in adults,
NOTE Confidence: 0.882803842857143
00:21:22.424 --> 00:21:24.980 but on the on the the left graph.
NOTE Confidence: 0.882803842857143
00:21:24.980 --> 00:21:27.464 What you're seeing is that those
NOTE Confidence: 0.882803842857143
00:21:27.464 --> 00:21:29.120 symptoms self reported symptoms
NOTE Confidence: 0.882803842857143
00:21:29.190 --> 00:21:31.094 go up and down with the COVID
NOTE Confidence: 0.882803842857143
00:21:31.094 --> 00:21:33.138 cases as the pandemic wears on,
NOTE Confidence: 0.882803842857143
00:21:33.140 --> 00:21:34.814 and that's also what we expect
NOTE Confidence: 0.882803842857143
00:21:34.814 --> 00:21:36.675 that is most people exposed to
NOTE Confidence: 0.882803842857143
00:21:36.675 --> 00:21:38.721 trauma will have some level of
NOTE Confidence: 0.882803842857143
00:21:38.721 --> 00:21:40.300 symptomatology that symptomatology.
NOTE Confidence: 0.882803842857143
00:21:40.300 --> 00:21:42.346 Will be across the severity spectrum.
NOTE Confidence: 0.882803842857143
00:21:42.350 --> 00:21:44.975 Most of those people will get better
NOTE Confidence: 0.882803842857143
00:21:44.975 --> 00:21:47.468 as the disaster or epidemic wanes,
NOTE Confidence: 0.882803842857143

00:21:47.470 --> 00:21:49.330 but of course a significant
NOTE Confidence: 0.882803842857143

00:21:49.330 --> 00:21:51.190 minority of individuals will have
NOTE Confidence: 0.882803842857143

00:21:51.255 --> 00:21:53.325 chronic or and or severe symptoms,
NOTE Confidence: 0.882803842857143

00:21:53.330 --> 00:21:55.102 often requiring professional assistance.
NOTE Confidence: 0.882803842857143

00:21:55.102 --> 00:21:58.489 We kind of knew beforehand what the risks
NOTE Confidence: 0.882803842857143

00:21:58.489 --> 00:22:01.145 for poor outcomes from such events might be.
NOTE Confidence: 0.882803842857143

00:22:01.150 --> 00:22:02.998 The nature and severity of the exposure.
NOTE Confidence: 0.882803842857143

00:22:03.000 --> 00:22:04.764 So communities that have been hit harder.
NOTE Confidence: 0.882803842857143

00:22:04.770 --> 00:22:06.430 Children who've lost a parent.
NOTE Confidence: 0.882803842857143

00:22:06.430 --> 00:22:07.900 These are the individuals that
NOTE Confidence: 0.882803842857143

00:22:07.900 --> 00:22:09.798 you'd expect to have the highest
NOTE Confidence: 0.882803842857143

00:22:09.798 --> 00:22:11.668 likelihood of severity or chronic.
NOTE Confidence: 0.882803842857143

00:22:11.670 --> 00:22:13.968 In their in their mental health,
NOTE Confidence: 0.882803842857143

00:22:13.970 --> 00:22:14.850 mental illness.
NOTE Confidence: 0.882803842857143

00:22:14.850 --> 00:22:16.610 Response to the pandemic,
NOTE Confidence: 0.882803842857143

00:22:16.610 --> 00:22:19.270 but also individual differences play a role.

NOTE Confidence: 0.882803842857143
00:22:19.270 --> 00:22:21.010 History of trauma or mental illness.
NOTE Confidence: 0.882803842857143
00:22:21.010 --> 00:22:23.434 Ongoing stressors, financial strain,
NOTE Confidence: 0.882803842857143
00:22:23.434 --> 00:22:24.646 occupational strain,
NOTE Confidence: 0.882803842857143
00:22:24.650 --> 00:22:26.018 substance use or abuse.
NOTE Confidence: 0.882803842857143
00:22:26.018 --> 00:22:28.070 Being female or being non white.
NOTE Confidence: 0.882803842857143
00:22:28.070 --> 00:22:30.329 Also raise your risk and I don't know about
NOTE Confidence: 0.882803842857143
00:22:30.329 --> 00:22:32.730 that last one being an individual difference,
NOTE Confidence: 0.882803842857143
00:22:32.730 --> 00:22:34.278 I think that's more of a
NOTE Confidence: 0.882803842857143
00:22:34.278 --> 00:22:35.052 community based difference.
NOTE Confidence: 0.882803842857143
00:22:35.060 --> 00:22:38.579 Again in terms of #1 exposure to trauma and
NOTE Confidence: 0.882803842857143
00:22:38.579 --> 00:22:41.958 #2 access to services and then finally.
NOTE Confidence: 0.882803842857143
00:22:41.958 --> 00:22:42.870 Environmental factors,
NOTE Confidence: 0.882803842857143
00:22:42.870 --> 00:22:44.426 especially around social supports,
NOTE Confidence: 0.882803842857143
00:22:44.426 --> 00:22:46.371 raise your risk of chronicity
NOTE Confidence: 0.882803842857143
00:22:46.371 --> 00:22:48.220 or severity in the context.
NOTE Confidence: 0.882803842857143

00:22:48.220 --> 00:22:49.582 And all of these things have
NOTE Confidence: 0.882803842857143

00:22:49.582 --> 00:22:51.000 been seen in the pandemic,
NOTE Confidence: 0.882803842857143

00:22:51.000 --> 00:22:52.840 not necessarily in all populations,
NOTE Confidence: 0.882803842857143

00:22:52.840 --> 00:22:54.190 but as research comes out.
NOTE Confidence: 0.882803842857143

00:22:54.190 --> 00:22:55.605 What we're seeing is indeed
NOTE Confidence: 0.882803842857143

00:22:55.605 --> 00:22:57.020 the same kind of thing.
NOTE Confidence: 0.882803842857143

00:22:57.020 --> 00:22:59.813 The risk of severe or chronic outcomes
NOTE Confidence: 0.882803842857143

00:22:59.813 --> 00:23:02.299 depends upon many of these factors.
NOTE Confidence: 0.882803842857143

00:23:02.300 --> 00:23:05.087 Let's talk a few about a few of these of
NOTE Confidence: 0.882803842857143

00:23:05.087 --> 00:23:07.169 the impacts on children in particular.
NOTE Confidence: 0.882803842857143

00:23:07.170 --> 00:23:09.990 This is again data from the
NOTE Confidence: 0.882803842857143

00:23:09.990 --> 00:23:11.870 CDC showing an increase.
NOTE Confidence: 0.882803842857143

00:23:11.870 --> 00:23:14.900 In what they're calling adverse health
NOTE Confidence: 0.882803842857143

00:23:14.900 --> 00:23:18.529 behaviors in the context of school closures,
NOTE Confidence: 0.882803842857143

00:23:18.530 --> 00:23:20.455 or rather shift to virtual
NOTE Confidence: 0.882803842857143

00:23:20.455 --> 00:23:21.610 or hybrid schooling.

NOTE Confidence: 0.882803842857143
00:23:21.610 --> 00:23:23.830 We can see in the dark bars are the rates
NOTE Confidence: 0.882803842857143
00:23:23.892 --> 00:23:26.020 at which children are or parents I should
NOTE Confidence: 0.882803842857143
00:23:26.020 --> 00:23:28.129 say are reporting in their children.
NOTE Confidence: 0.882803842857143
00:23:28.130 --> 00:23:29.594 Decreased physical activity,
NOTE Confidence: 0.882803842857143
00:23:29.594 --> 00:23:31.546 time spent outside time,
NOTE Confidence: 0.882803842857143
00:23:31.550 --> 00:23:34.940 friend with friends in person.
NOTE Confidence: 0.882803842857143
00:23:34.940 --> 00:23:36.455 Decreased time with friends for
NOTE Confidence: 0.882803842857143
00:23:36.455 --> 00:23:37.667 non educational purposes and
NOTE Confidence: 0.882803842857143
00:23:37.667 --> 00:23:38.998 then worsen mental health.
NOTE Confidence: 0.882803842857143
00:23:39.000 --> 00:23:41.702 All of those things are increased in
NOTE Confidence: 0.882803842857143
00:23:41.702 --> 00:23:44.069 children whose school is either virtually
NOTE Confidence: 0.882803842857143
00:23:44.069 --> 00:23:46.722 only or some form of hybrid learning.
NOTE Confidence: 0.882803842857143
00:23:46.730 --> 00:23:49.264 So we know that school closures in
NOTE Confidence: 0.882803842857143
00:23:49.264 --> 00:23:51.737 the context of the pandemic have
NOTE Confidence: 0.882803842857143
00:23:51.737 --> 00:23:53.917 had adverse effects on various
NOTE Confidence: 0.882803842857143

00:23:53.917 --> 00:23:56.569 health and mental health outcomes.
NOTE Confidence: 0.882803842857143

00:23:56.570 --> 00:23:59.006 Some of those include externalizing symptoms,
NOTE Confidence: 0.882803842857143

00:23:59.010 --> 00:24:01.122 like fighting and arguing,
NOTE Confidence: 0.882803842857143

00:24:01.122 --> 00:24:02.083 disobedience, etcetera.
NOTE Confidence: 0.882803842857143

00:24:02.083 --> 00:24:04.248 Survey after survey has suggested
NOTE Confidence: 0.882803842857143

00:24:04.248 --> 00:24:06.794 increases in the rates of these
NOTE Confidence: 0.882803842857143

00:24:06.794 --> 00:24:08.664 kinds of behaviors in children,
NOTE Confidence: 0.882803842857143

00:24:08.670 --> 00:24:10.210 since the beginning of the COVID pandemic.
NOTE Confidence: 0.882803842857143

00:24:10.210 --> 00:24:13.786 This data was from mid to late 2020,
NOTE Confidence: 0.882803842857143

00:24:13.790 --> 00:24:14.858 published in 2021,
NOTE Confidence: 0.882803842857143

00:24:14.858 --> 00:24:17.350 also published around the same time was
NOTE Confidence: 0.9105534256

00:24:17.411 --> 00:24:19.727 an examination of the factors that
NOTE Confidence: 0.9105534256

00:24:19.727 --> 00:24:21.793 might have protected against some
NOTE Confidence: 0.9105534256

00:24:21.793 --> 00:24:23.609 of these externalizing outcomes,
NOTE Confidence: 0.9105534256

00:24:23.610 --> 00:24:25.269 and what you saw from that paper,
NOTE Confidence: 0.9105534256

00:24:25.270 --> 00:24:26.572 although there's a lot of details

NOTE Confidence: 0.9105534256

00:24:26.572 --> 00:24:28.337 that I won't have the time to go into.

NOTE Confidence: 0.9105534256

00:24:28.340 --> 00:24:30.108 Is that in orange?

NOTE Confidence: 0.9105534256

00:24:30.108 --> 00:24:31.876 Establishing and maintaining family

NOTE Confidence: 0.9105534256

00:24:31.876 --> 00:24:33.685 routines despite the disruptions

NOTE Confidence: 0.9105534256

00:24:33.685 --> 00:24:35.830 in work and school schedules

NOTE Confidence: 0.9105534256

00:24:35.830 --> 00:24:37.701 was relatively protected both

NOTE Confidence: 0.9105534256

00:24:37.701 --> 00:24:39.749 against externalizing symptoms and

NOTE Confidence: 0.9105534256

00:24:39.749 --> 00:24:41.797 against child depressive symptoms,

NOTE Confidence: 0.9105534256

00:24:41.800 --> 00:24:43.129 and interestingly enough,

NOTE Confidence: 0.9105534256

00:24:43.129 --> 00:24:44.901 also protective against maternal

NOTE Confidence: 0.9105534256

00:24:44.901 --> 00:24:46.560 depressive symptoms as well.

NOTE Confidence: 0.9105534256

00:24:46.560 --> 00:24:49.087 So all these factors would suggest that

NOTE Confidence: 0.9105534256

00:24:49.087 --> 00:24:51.396 the pandemic has had large effects on

NOTE Confidence: 0.9105534256

00:24:51.396 --> 00:24:54.040 the well being of our of our children,

NOTE Confidence: 0.9105534256

00:24:54.040 --> 00:24:56.816 as well as the perhaps more modest effects,

NOTE Confidence: 0.9105534256

00:24:56.820 --> 00:24:58.293 although still unknown.
NOTE Confidence: 0.9105534256

00:24:58.293 --> 00:25:01.730 In terms of severe mental illness outcomes,
NOTE Confidence: 0.9105534256

00:25:01.730 --> 00:25:04.205 and then of course, as I alluded to before,
NOTE Confidence: 0.9105534256

00:25:04.210 --> 00:25:05.778 the COVID-19 has cost.
NOTE Confidence: 0.9105534256

00:25:05.778 --> 00:25:07.346 What is it now?
NOTE Confidence: 0.9105534256

00:25:07.350 --> 00:25:08.433 A million Americans,
NOTE Confidence: 0.9105534256

00:25:08.433 --> 00:25:10.599 their their lives and some very
NOTE Confidence: 0.9105534256

00:25:10.599 --> 00:25:12.495 large proportion of them were
NOTE Confidence: 0.9105534256

00:25:12.495 --> 00:25:14.330 parents of of young children,
NOTE Confidence: 0.9105534256

00:25:14.330 --> 00:25:16.190 and in June 2021 that's,
NOTE Confidence: 0.9105534256

00:25:16.190 --> 00:25:16.960 you know,
NOTE Confidence: 0.9105534256

00:25:16.960 --> 00:25:19.270 hundreds of thousands of deaths ago,
NOTE Confidence: 0.9105534256

00:25:19.270 --> 00:25:21.489 over 140,000 children had already lost a
NOTE Confidence: 0.9105534256

00:25:21.489 --> 00:25:24.149 parent in the United States and of course,
NOTE Confidence: 0.9105534256

00:25:24.150 --> 00:25:25.310 that number is even larger.
NOTE Confidence: 0.9105534256

00:25:25.310 --> 00:25:27.060 If you think about the global population.

NOTE Confidence: 0.877680707857143
00:25:29.430 --> 00:25:31.563 If there is a silver lining to the pandemic
NOTE Confidence: 0.877680707857143
00:25:31.563 --> 00:25:33.430 from youth mental health perspective,
NOTE Confidence: 0.877680707857143
00:25:33.430 --> 00:25:36.125 it has been the tremendous energy and
NOTE Confidence: 0.877680707857143
00:25:36.125 --> 00:25:38.610 an awareness that has been raised
NOTE Confidence: 0.877680707857143
00:25:38.610 --> 00:25:40.710 about mental health in children.
NOTE Confidence: 0.877680707857143
00:25:40.710 --> 00:25:42.366 Whether it's the US Surgeon General,
NOTE Confidence: 0.877680707857143
00:25:42.370 --> 00:25:44.602 putting out an advisory of youth
NOTE Confidence: 0.877680707857143
00:25:44.602 --> 00:25:46.719 mental health crisis which you all
NOTE Confidence: 0.877680707857143
00:25:46.719 --> 00:25:48.943 know has been going on in the United
NOTE Confidence: 0.877680707857143
00:25:49.007 --> 00:25:51.029 States for years if not decades.
NOTE Confidence: 0.877680707857143
00:25:51.030 --> 00:25:53.022 But or the the fact that the President
NOTE Confidence: 0.877680707857143
00:25:53.022 --> 00:25:55.240 for at least the first time that I'm
NOTE Confidence: 0.877680707857143
00:25:55.240 --> 00:25:57.417 aware of a President spoke about mental
NOTE Confidence: 0.877680707857143
00:25:57.417 --> 00:25:59.445 health as being a national priority.
NOTE Confidence: 0.877680707857143
00:25:59.450 --> 00:26:01.522 In the state of the Union address
NOTE Confidence: 0.877680707857143

00:26:01.522 --> 00:26:03.668 this year and unveiled a so-called
NOTE Confidence: 0.877680707857143

00:26:03.668 --> 00:26:05.653 unity agenda to address mental
NOTE Confidence: 0.877680707857143

00:26:05.653 --> 00:26:07.486 health with significant components
NOTE Confidence: 0.877680707857143

00:26:07.486 --> 00:26:09.916 focused on youth mental health.
NOTE Confidence: 0.877680707857143

00:26:09.920 --> 00:26:11.772 So with that note,
NOTE Confidence: 0.877680707857143

00:26:11.772 --> 00:26:14.420 I think perhaps a slightly optimistic note.
NOTE Confidence: 0.877680707857143

00:26:14.420 --> 00:26:16.035 We can transition from thinking
NOTE Confidence: 0.877680707857143

00:26:16.035 --> 00:26:18.334 about the challenges that we face to
NOTE Confidence: 0.877680707857143

00:26:18.334 --> 00:26:19.894 thinking about the opportunities I'm
NOTE Confidence: 0.877680707857143

00:26:19.894 --> 00:26:21.828 going to talk about opportunities in
NOTE Confidence: 0.877680707857143

00:26:21.828 --> 00:26:24.012 three of the areas that I discussed
NOTE Confidence: 0.877680707857143

00:26:24.020 --> 00:26:26.620 before responding to COVID-19 suicide
NOTE Confidence: 0.877680707857143

00:26:26.620 --> 00:26:28.700 prevention and health disparities.
NOTE Confidence: 0.877680707857143

00:26:28.700 --> 00:26:30.076 Some of you who know me know me.
NOTE Confidence: 0.877680707857143

00:26:30.080 --> 00:26:32.180 I'm a diet in the wool neuroscientist.
NOTE Confidence: 0.877680707857143

00:26:32.180 --> 00:26:34.155 I think there are tremendous

NOTE Confidence: 0.877680707857143
00:26:34.155 --> 00:26:35.340 opportunities in neuroscience.
NOTE Confidence: 0.877680707857143
00:26:35.340 --> 00:26:37.550 Whether we're talking about genetics
NOTE Confidence: 0.877680707857143
00:26:37.550 --> 00:26:39.760 or computation or neural circuits.
NOTE Confidence: 0.877680707857143
00:26:39.760 --> 00:26:40.600 For drug development,
NOTE Confidence: 0.877680707857143
00:26:40.600 --> 00:26:42.000 there's lots of opportunity there.
NOTE Confidence: 0.877680707857143
00:26:42.000 --> 00:26:43.206 I'm not going to talk about it at all,
NOTE Confidence: 0.877680707857143
00:26:43.210 --> 00:26:44.836 but if you have questions or
NOTE Confidence: 0.877680707857143
00:26:44.836 --> 00:26:45.649 comments about that,
NOTE Confidence: 0.877680707857143
00:26:45.650 --> 00:26:47.270 I'm happy to entertain you
NOTE Confidence: 0.877680707857143
00:26:47.270 --> 00:26:48.566 for hours with enthusiasm.
NOTE Confidence: 0.877680707857143
00:26:48.570 --> 00:26:50.578 But I'm going to stick to these three
NOTE Confidence: 0.877680707857143
00:26:50.578 --> 00:26:52.112 topics because I think they're a
NOTE Confidence: 0.877680707857143
00:26:52.112 --> 00:26:53.588 little bit more timely right now.
NOTE Confidence: 0.877680707857143
00:26:53.590 --> 00:26:55.886 So let's talk about responding to COVID-19.
NOTE Confidence: 0.877680707857143
00:26:55.890 --> 00:26:56.914 What has NIMH done?
NOTE Confidence: 0.877680707857143

00:26:56.914 --> 00:26:59.575 You know NIH is in a curious role in
NOTE Confidence: 0.877680707857143

00:26:59.575 --> 00:27:01.630 the context of the pandemic, right?
NOTE Confidence: 0.877680707857143

00:27:01.630 --> 00:27:03.370 So we are a research organization.
NOTE Confidence: 0.877680707857143

00:27:03.370 --> 00:27:04.290 I told you that already.
NOTE Confidence: 0.877680707857143

00:27:04.290 --> 00:27:06.156 Our primary function is to support
NOTE Confidence: 0.877680707857143

00:27:06.156 --> 00:27:08.260 the work of you all all around
NOTE Confidence: 0.877680707857143

00:27:08.260 --> 00:27:10.395 the globe trying to come up with.
NOTE Confidence: 0.877680707857143

00:27:10.400 --> 00:27:12.638 Answers to questions that we have,
NOTE Confidence: 0.877680707857143

00:27:12.640 --> 00:27:15.106 but in the context of a of a public
NOTE Confidence: 0.877680707857143

00:27:15.106 --> 00:27:17.088 health emergency we take on another
NOTE Confidence: 0.877680707857143

00:27:17.088 --> 00:27:19.986 role which is also to try to promulgate
NOTE Confidence: 0.877680707857143

00:27:19.986 --> 00:27:21.981 evidence based approaches to dealing
NOTE Confidence: 0.877680707857143

00:27:21.981 --> 00:27:23.578 with a public health emergency.
NOTE Confidence: 0.877680707857143

00:27:23.578 --> 00:27:26.009 And so we spent quite a lot of effort,
NOTE Confidence: 0.877680707857143

00:27:26.010 --> 00:27:28.194 especially in the first six months or so.
NOTE Confidence: 0.877680707857143

00:27:28.200 --> 00:27:29.776 The pandemic developing resources

NOTE Confidence: 0.877680707857143
00:27:29.776 --> 00:27:32.585 and trying to put them out about
NOTE Confidence: 0.877680707857143
00:27:32.585 --> 00:27:34.835 what we already knew about coping.
NOTE Confidence: 0.877680707857143
00:27:34.840 --> 00:27:36.536 So some of what I told you about
NOTE Confidence: 0.877680707857143
00:27:36.536 --> 00:27:37.596 already right? The risk factors.
NOTE Confidence: 0.877680707857143
00:27:37.596 --> 00:27:39.750 The fact that we are all going to experience,
NOTE Confidence: 0.877680707857143
00:27:39.750 --> 00:27:41.040 and I know from personal experience.
NOTE Confidence: 0.877680707857143
00:27:41.040 --> 00:27:44.120 Certainly did adverse mental health
NOTE Confidence: 0.877680707857143
00:27:44.120 --> 00:27:46.584 consequences of the pandemic.
NOTE Confidence: 0.877680707857143
00:27:46.590 --> 00:27:49.158 That our children will and and and also
NOTE Confidence: 0.877680707857143
00:27:49.158 --> 00:27:51.727 that there are evidence based solutions.
NOTE Confidence: 0.877680707857143
00:27:51.730 --> 00:27:52.069 Actually,
NOTE Confidence: 0.877680707857143
00:27:52.069 --> 00:27:54.103 as you know mostly common sense
NOTE Confidence: 0.877680707857143
00:27:54.103 --> 00:27:55.925 but also evidence based solutions
NOTE Confidence: 0.877680707857143
00:27:55.925 --> 00:27:58.163 for reducing your risk such as
NOTE Confidence: 0.877680707857143
00:27:58.163 --> 00:27:59.911 maintaining social connectivity such
NOTE Confidence: 0.877680707857143

00:27:59.911 --> 00:28:01.787 as maintaining physical health,
NOTE Confidence: 0.877680707857143

00:28:01.790 --> 00:28:04.226 maintaining routines and importantly
NOTE Confidence: 0.877680707857143

00:28:04.226 --> 00:28:07.271 supporting financial and and other
NOTE Confidence: 0.877680707857143

00:28:07.271 --> 00:28:10.310 levels of security in the population.
NOTE Confidence: 0.877680707857143

00:28:10.310 --> 00:28:11.666 I must have left it out,
NOTE Confidence: 0.877680707857143

00:28:11.670 --> 00:28:13.986 but one of the interesting indicators
NOTE Confidence: 0.877680707857143

00:28:13.986 --> 00:28:16.622 from early on from 2020 that I saw.
NOTE Confidence: 0.877680707857143

00:28:16.622 --> 00:28:18.260 Was that the rate at which
NOTE Confidence: 0.867120909473684

00:28:18.329 --> 00:28:20.137 individuals declare symptoms of
NOTE Confidence: 0.867120909473684

00:28:20.137 --> 00:28:22.768 depression or anxiety is reduced in
NOTE Confidence: 0.867120909473684

00:28:22.768 --> 00:28:24.608 those individuals who have received
NOTE Confidence: 0.867120909473684

00:28:24.608 --> 00:28:26.440 food assistance compared to those
NOTE Confidence: 0.867120909473684

00:28:26.440 --> 00:28:28.540 who have not from the same community.
NOTE Confidence: 0.867120909473684

00:28:28.540 --> 00:28:30.040 So we knew what to do,
NOTE Confidence: 0.867120909473684

00:28:30.040 --> 00:28:31.858 and we tried to get people to do it,
NOTE Confidence: 0.867120909473684

00:28:31.860 --> 00:28:33.492 and I think to a certain

NOTE Confidence: 0.867120909473684
00:28:33.492 --> 00:28:34.580 extent we've been successful.
NOTE Confidence: 0.867120909473684
00:28:34.580 --> 00:28:36.504 And I I can't say that, and I am.
NOTE Confidence: 0.867120909473684
00:28:36.504 --> 00:28:38.020 H gets the credit for any of it,
NOTE Confidence: 0.867120909473684
00:28:38.020 --> 00:28:40.216 but you know, the fact that we as a
NOTE Confidence: 0.867120909473684
00:28:40.216 --> 00:28:42.398 society did increase our food assistance.
NOTE Confidence: 0.867120909473684
00:28:42.400 --> 00:28:45.319 We did put a moratorium on evictions.
NOTE Confidence: 0.867120909473684
00:28:45.320 --> 00:28:47.650 We did provide financial support.
NOTE Confidence: 0.867120909473684
00:28:47.650 --> 00:28:50.030 Uh, although perhaps mostly indirectly,
NOTE Confidence: 0.867120909473684
00:28:50.030 --> 00:28:53.068 to individuals who who lost their jobs,
NOTE Confidence: 0.867120909473684
00:28:53.070 --> 00:28:53.722 et cetera.
NOTE Confidence: 0.867120909473684
00:28:53.722 --> 00:28:57.230 I think that all played a role in minimizing,
NOTE Confidence: 0.867120909473684
00:28:57.230 --> 00:28:58.307 maybe not minimizing,
NOTE Confidence: 0.867120909473684
00:28:58.307 --> 00:29:00.102 but in decreasing the mental
NOTE Confidence: 0.867120909473684
00:29:00.102 --> 00:29:01.769 health impacts of the pandemic.
NOTE Confidence: 0.867120909473684
00:29:01.770 --> 00:29:04.026 But another impact of the pandemic
NOTE Confidence: 0.867120909473684

00:29:04.026 --> 00:29:07.109 has been on our researchers as well,
NOTE Confidence: 0.867120909473684

00:29:07.110 --> 00:29:09.756 and so NIH also put out a efforts to
NOTE Confidence: 0.867120909473684

00:29:09.756 --> 00:29:11.955 make sure that our scientists knew
NOTE Confidence: 0.867120909473684

00:29:11.955 --> 00:29:14.603 that they would be at least attempts
NOTE Confidence: 0.867120909473684

00:29:14.603 --> 00:29:17.587 to help make sure that they could see
NOTE Confidence: 0.867120909473684

00:29:17.590 --> 00:29:19.786 themselves through the pandemic as well.
NOTE Confidence: 0.867120909473684

00:29:19.790 --> 00:29:21.827 And then we put out also calls.
NOTE Confidence: 0.867120909473684

00:29:21.830 --> 00:29:22.712 These are old.
NOTE Confidence: 0.867120909473684

00:29:22.712 --> 00:29:24.182 Don't bother jotting down those
NOTE Confidence: 0.867120909473684

00:29:24.182 --> 00:29:25.943 numbers for research that we knew
NOTE Confidence: 0.867120909473684

00:29:25.943 --> 00:29:27.338 we would need eventually into
NOTE Confidence: 0.867120909473684

00:29:27.338 --> 00:29:28.887 the impacts of the pandemic,
NOTE Confidence: 0.867120909473684

00:29:28.890 --> 00:29:31.356 and in efforts to mitigate them.
NOTE Confidence: 0.867120909473684

00:29:31.360 --> 00:29:33.131 One of those calls that we put
NOTE Confidence: 0.867120909473684

00:29:33.131 --> 00:29:35.212 out was actually a part of a trans
NOTE Confidence: 0.867120909473684

00:29:35.212 --> 00:29:36.477 NIH initiative on the social,

NOTE Confidence: 0.867120909473684
00:29:36.480 --> 00:29:38.124 behavioral and economic impacts
NOTE Confidence: 0.867120909473684
00:29:38.124 --> 00:29:39.357 of the pandemic,
NOTE Confidence: 0.867120909473684
00:29:39.360 --> 00:29:42.684 and this initiative in particular was
NOTE Confidence: 0.867120909473684
00:29:42.684 --> 00:29:44.900 focused on underserved populations
NOTE Confidence: 0.867120909473684
00:29:44.977 --> 00:29:46.669 and frontline workers.
NOTE Confidence: 0.867120909473684
00:29:46.670 --> 00:29:50.063 So we we had a working group of 60
NOTE Confidence: 0.867120909473684
00:29:50.063 --> 00:29:52.279 different people from really across
NOTE Confidence: 0.867120909473684
00:29:52.279 --> 00:29:55.463 the NIH led by myself and three
NOTE Confidence: 0.867120909473684
00:29:55.463 --> 00:29:57.818 other institute directors from all
NOTE Confidence: 0.867120909473684
00:29:57.818 --> 00:30:00.652 of all of whom were interested in
NOTE Confidence: 0.867120909473684
00:30:00.652 --> 00:30:02.222 trying to understand beyond the
NOTE Confidence: 0.867120909473684
00:30:02.222 --> 00:30:03.690 health impact of the pandemic.
NOTE Confidence: 0.867120909473684
00:30:03.690 --> 00:30:05.255 Initially we funded 52 supplements
NOTE Confidence: 0.867120909473684
00:30:05.255 --> 00:30:07.270 and then some 20 more grants.
NOTE Confidence: 0.867120909473684
00:30:07.270 --> 00:30:07.856 After that,
NOTE Confidence: 0.867120909473684

00:30:07.856 --> 00:30:10.200 all aimed at trying to look at not
NOTE Confidence: 0.867120909473684

00:30:10.266 --> 00:30:13.066 just not the health impacts of the pandemic,
NOTE Confidence: 0.867120909473684

00:30:13.070 --> 00:30:14.510 but the other impacts,
NOTE Confidence: 0.867120909473684

00:30:14.510 --> 00:30:15.950 and in particularly interactions
NOTE Confidence: 0.867120909473684

00:30:15.950 --> 00:30:18.134 along the way. So a major theme.
NOTE Confidence: 0.867120909473684

00:30:18.134 --> 00:30:20.840 Behind this approach is to try to understand,
NOTE Confidence: 0.867120909473684

00:30:20.840 --> 00:30:21.498 for example,
NOTE Confidence: 0.867120909473684

00:30:21.498 --> 00:30:23.472 when you enact a mitigation measure
NOTE Confidence: 0.867120909473684

00:30:23.472 --> 00:30:25.548 that is aimed at reducing the
NOTE Confidence: 0.867120909473684

00:30:25.548 --> 00:30:27.243 health impact of the pandemic.
NOTE Confidence: 0.867120909473684

00:30:27.250 --> 00:30:29.588 What are the effects of that mitigation
NOTE Confidence: 0.867120909473684

00:30:29.588 --> 00:30:31.243 measure on economics on mental
NOTE Confidence: 0.867120909473684

00:30:31.243 --> 00:30:34.900 health and on behavioral approaches?
NOTE Confidence: 0.867120909473684

00:30:34.900 --> 00:30:35.248 This,
NOTE Confidence: 0.867120909473684

00:30:35.248 --> 00:30:36.988 this initiative had two different
NOTE Confidence: 0.867120909473684

00:30:36.988 --> 00:30:38.032 streams to it.

NOTE Confidence: 0.867120909473684
00:30:38.040 --> 00:30:39.450 1A Data science initiative that
NOTE Confidence: 0.867120909473684
00:30:39.450 --> 00:30:41.472 seeks to look at the data available
NOTE Confidence: 0.867120909473684
00:30:41.472 --> 00:30:43.140 to try to break this down,
NOTE Confidence: 0.867120909473684
00:30:43.140 --> 00:30:44.750 and one of the studies that was
NOTE Confidence: 0.867120909473684
00:30:44.750 --> 00:30:46.175 funded through that data science
NOTE Confidence: 0.867120909473684
00:30:46.175 --> 00:30:47.555 initiative is really interesting.
NOTE Confidence: 0.867120909473684
00:30:47.560 --> 00:30:48.451 One looking at.
NOTE Confidence: 0.867120909473684
00:30:48.451 --> 00:30:50.233 On a county by county level,
NOTE Confidence: 0.867120909473684
00:30:50.240 --> 00:30:51.428 across the United States,
NOTE Confidence: 0.867120909473684
00:30:51.428 --> 00:30:53.210 what's the effect of the mitigation
NOTE Confidence: 0.867120909473684
00:30:53.259 --> 00:30:54.951 measures that were enacted in that
NOTE Confidence: 0.867120909473684
00:30:54.951 --> 00:30:56.677 county on mental health and then
NOTE Confidence: 0.867120909473684
00:30:56.677 --> 00:30:58.581 compare it to other counties that did
NOTE Confidence: 0.867120909473684
00:30:58.581 --> 00:31:00.104 different things at different times?
NOTE Confidence: 0.867120909473684
00:31:00.104 --> 00:31:02.486 So I think that will be really
NOTE Confidence: 0.867120909473684

00:31:02.486 --> 00:31:04.278 interesting and informative in
NOTE Confidence: 0.867120909473684

00:31:04.278 --> 00:31:06.518 terms of helping policymakers know
NOTE Confidence: 0.867120909473684

00:31:06.588 --> 00:31:08.363 what are the potential benefits
NOTE Confidence: 0.867120909473684

00:31:08.363 --> 00:31:10.138 and harms of the measures
NOTE Confidence: 0.868679936666667

00:31:10.140 --> 00:31:12.813 that one enacts in the context of a pandemic.
NOTE Confidence: 0.868679936666667

00:31:12.820 --> 00:31:15.400 The second stream was on intervention
NOTE Confidence: 0.868679936666667

00:31:15.400 --> 00:31:17.598 research trying to essentially mostly
NOTE Confidence: 0.868679936666667

00:31:17.598 --> 00:31:19.653 focus on implementation of interventions
NOTE Confidence: 0.868679936666667

00:31:19.653 --> 00:31:22.249 that we know that can be useful.
NOTE Confidence: 0.868679936666667

00:31:22.250 --> 00:31:25.442 In the context of disasters and traumas in
NOTE Confidence: 0.868679936666667

00:31:25.442 --> 00:31:27.968 this particular context of the pandemic,
NOTE Confidence: 0.868679936666667

00:31:27.970 --> 00:31:30.350 some of the interesting ones there are,
NOTE Confidence: 0.868679936666667

00:31:30.350 --> 00:31:32.398 as you might imagine,
NOTE Confidence: 0.868679936666667

00:31:32.398 --> 00:31:36.070 focused on remote care delivery methods like
NOTE Confidence: 0.868679936666667

00:31:36.070 --> 00:31:39.668 smartphones and and the Internet to deliver.
NOTE Confidence: 0.868679936666667

00:31:39.670 --> 00:31:41.650 Interventions to try to increase

NOTE Confidence: 0.868679936666667
00:31:41.650 --> 00:31:44.550 resilience in the context of the pandemic.
NOTE Confidence: 0.868679936666667
00:31:44.550 --> 00:31:46.646 One other thing that we did is try
NOTE Confidence: 0.868679936666667
00:31:46.646 --> 00:31:48.943 to use existing resources to be
NOTE Confidence: 0.868679936666667
00:31:48.943 --> 00:31:51.073 able to answer important questions,
NOTE Confidence: 0.868679936666667
00:31:51.080 --> 00:31:52.480 and some of you may have been
NOTE Confidence: 0.868679936666667
00:31:52.480 --> 00:31:53.080 involved in this.
NOTE Confidence: 0.868679936666667
00:31:53.080 --> 00:31:53.632 Of course,
NOTE Confidence: 0.868679936666667
00:31:53.632 --> 00:31:55.564 you're all aware of the adolescent brain
NOTE Confidence: 0.868679936666667
00:31:55.564 --> 00:31:57.395 and cognitive development study which
NOTE Confidence: 0.868679936666667
00:31:57.395 --> 00:32:00.235 is studying 12,000 children from age 9
NOTE Confidence: 0.868679936666667
00:32:00.235 --> 00:32:03.980 to age 20 with serial brain scans and
NOTE Confidence: 0.868679936666667
00:32:03.980 --> 00:32:06.470 lots of in-depth behavioral assessments,
NOTE Confidence: 0.868679936666667
00:32:06.470 --> 00:32:08.610 including assessments of social media
NOTE Confidence: 0.868679936666667
00:32:08.610 --> 00:32:12.436 used by the way and with the idea that we
NOTE Confidence: 0.868679936666667
00:32:12.436 --> 00:32:14.830 want to study children in their development.
NOTE Confidence: 0.868679936666667

00:32:14.830 --> 00:32:16.505 Through the course of greatest
NOTE Confidence: 0.868679936666667

00:32:16.505 --> 00:32:18.612 risk of emergence of substance use
NOTE Confidence: 0.868679936666667

00:32:18.612 --> 00:32:19.988 disorders and mental illnesses,
NOTE Confidence: 0.868679936666667

00:32:19.990 --> 00:32:20.644 and this is,
NOTE Confidence: 0.868679936666667

00:32:20.644 --> 00:32:21.298 as you know,
NOTE Confidence: 0.868679936666667

00:32:21.300 --> 00:32:23.715 a multi institute collaboration led by night,
NOTE Confidence: 0.868679936666667

00:32:23.720 --> 00:32:26.200 of which NIH has a strong role and
NOTE Confidence: 0.868679936666667

00:32:26.200 --> 00:32:28.160 immediately as the pandemic opened,
NOTE Confidence: 0.868679936666667

00:32:28.160 --> 00:32:31.478 we gave them a supplement to institute
NOTE Confidence: 0.868679936666667

00:32:31.480 --> 00:32:33.090 surveys and measures of their
NOTE Confidence: 0.868679936666667

00:32:33.090 --> 00:32:34.957 exposure to the pandemic so that
NOTE Confidence: 0.868679936666667

00:32:34.957 --> 00:32:37.055 we could study in a in a in a group
NOTE Confidence: 0.868679936666667

00:32:37.055 --> 00:32:38.897 that where we had baseline data.
NOTE Confidence: 0.868679936666667

00:32:38.900 --> 00:32:40.060 The effects of the pandemic,
NOTE Confidence: 0.868679936666667

00:32:40.060 --> 00:32:42.720 at least in adolescence.
NOTE Confidence: 0.868679936666667

00:32:42.720 --> 00:32:45.002 The domains covered in the BCD night

NOTE Confidence: 0.868679936666667
00:32:45.002 --> 00:32:45.980 COVID-19 questionnaire include
NOTE Confidence: 0.868679936666667
00:32:46.038 --> 00:32:47.403 all kinds of social determinants
NOTE Confidence: 0.868679936666667
00:32:47.403 --> 00:32:49.096 of health that would be relevant
NOTE Confidence: 0.868679936666667
00:32:49.096 --> 00:32:50.764 in the context of the pandemic,
NOTE Confidence: 0.868679936666667
00:32:50.770 --> 00:32:53.332 from family situation to schooling to
NOTE Confidence: 0.868679936666667
00:32:53.332 --> 00:32:54.883 routine relationships, you name it,
NOTE Confidence: 0.868679936666667
00:32:54.883 --> 00:32:56.875 and the idea is that we can measure
NOTE Confidence: 0.868679936666667
00:32:56.875 --> 00:32:59.094 these in children and in their parents
NOTE Confidence: 0.868679936666667
00:32:59.094 --> 00:33:01.244 and look for correlations with the
NOTE Confidence: 0.868679936666667
00:33:01.244 --> 00:33:03.422 mental health impact of the pandemic,
NOTE Confidence: 0.868679936666667
00:33:03.430 --> 00:33:05.910 and we hope that this will be reached
NOTE Confidence: 0.868679936666667
00:33:05.910 --> 00:33:08.583 data set which will yield not just
NOTE Confidence: 0.868679936666667
00:33:08.583 --> 00:33:10.568 findings and not just information
NOTE Confidence: 0.868679936666667
00:33:10.643 --> 00:33:12.848 but also some policy recommendations
NOTE Confidence: 0.868679936666667
00:33:12.848 --> 00:33:14.612 for the next pandemic.
NOTE Confidence: 0.868679936666667

00:33:14.620 --> 00:33:17.248 And I'll point out that the ABC D will

NOTE Confidence: 0.868679936666667

00:33:17.248 --> 00:33:19.949 be releasing this COVID-19 actually

NOTE Confidence: 0.868679936666667

00:33:19.949 --> 00:33:22.285 started releasing this COVID-19

NOTE Confidence: 0.868679936666667

00:33:22.285 --> 00:33:24.508 supplemental data in January 2021.

NOTE Confidence: 0.868679936666667

00:33:24.508 --> 00:33:25.312 As you know,

NOTE Confidence: 0.868679936666667

00:33:25.312 --> 00:33:27.306 all data from ABC has made public

NOTE Confidence: 0.868679936666667

00:33:27.306 --> 00:33:28.896 just as soon as possible,

NOTE Confidence: 0.868679936666667

00:33:28.900 --> 00:33:30.288 even before the investigators

NOTE Confidence: 0.868679936666667

00:33:30.288 --> 00:33:31.676 themselves had a chance,

NOTE Confidence: 0.868679936666667

00:33:31.680 --> 00:33:33.216 have had a chance to publish on it,

NOTE Confidence: 0.868679936666667

00:33:33.220 --> 00:33:34.956 and I encourage those of you with

NOTE Confidence: 0.868679936666667

00:33:34.956 --> 00:33:36.650 interest in these areas to consider

NOTE Confidence: 0.868679936666667

00:33:36.650 --> 00:33:38.214 studying this data, and frankly,

NOTE Confidence: 0.868679936666667

00:33:38.214 --> 00:33:40.206 to apply of trust for grants

NOTE Confidence: 0.868679936666667

00:33:40.206 --> 00:33:41.480 for secondary analysis.

NOTE Confidence: 0.868679936666667

00:33:41.480 --> 00:33:43.514 To do that data because we know it's not.

NOTE Confidence: 0.868679936666667
00:33:43.520 --> 00:33:44.888 Three to have coders sit in
NOTE Confidence: 0.868679936666667
00:33:44.888 --> 00:33:45.800 front of a terminal.
NOTE Confidence: 0.868679936666667
00:33:45.800 --> 00:33:48.810 In fact, it's very expensive.
NOTE Confidence: 0.868679936666667
00:33:48.810 --> 00:33:50.166 I'll point out one other one,
NOTE Confidence: 0.868679936666667
00:33:50.170 --> 00:33:52.906 which which I think also will maybe be
NOTE Confidence: 0.868679936666667
00:33:52.906 --> 00:33:55.727 giving us some really interesting data.
NOTE Confidence: 0.868679936666667
00:33:55.730 --> 00:33:57.895 Another NIH wide initiative that
NOTE Confidence: 0.868679936666667
00:33:57.895 --> 00:34:00.578 NIMH was involved in is evaluating
NOTE Confidence: 0.868679936666667
00:34:00.578 --> 00:34:03.224 the safe to return to school.
NOTE Confidence: 0.868679936666667
00:34:03.230 --> 00:34:05.008 Now this project was under the edges
NOTE Confidence: 0.868679936666667
00:34:05.008 --> 00:34:07.447 of of a larger program called RADAX,
NOTE Confidence: 0.941953217142857
00:34:07.450 --> 00:34:09.260 which was an effort to
NOTE Confidence: 0.941953217142857
00:34:09.260 --> 00:34:10.732 develop testing for COVID-19,
NOTE Confidence: 0.941953217142857
00:34:10.732 --> 00:34:12.958 which was remarkably successful if any
NOTE Confidence: 0.941953217142857
00:34:12.958 --> 00:34:15.585 of you have used a home test kit is,
NOTE Confidence: 0.941953217142857

00:34:15.590 --> 00:34:17.270 I think a 95% chance.
NOTE Confidence: 0.941953217142857

00:34:17.270 --> 00:34:18.488 It was one that was developed.
NOTE Confidence: 0.941953217142857

00:34:18.490 --> 00:34:20.770 Under the RAD X umbrella.
NOTE Confidence: 0.941953217142857

00:34:20.770 --> 00:34:22.426 Paid for by your tax dollars.
NOTE Confidence: 0.941953217142857

00:34:22.430 --> 00:34:24.634 Thank you very much.
NOTE Confidence: 0.941953217142857

00:34:24.634 --> 00:34:27.342 And so the a component of that
NOTE Confidence: 0.941953217142857

00:34:27.342 --> 00:34:28.657 though what went into trying
NOTE Confidence: 0.941953217142857

00:34:28.657 --> 00:34:30.423 to figure out how to use these
NOTE Confidence: 0.941953217142857

00:34:30.423 --> 00:34:31.910 tests in real world settings?
NOTE Confidence: 0.941953217142857

00:34:31.910 --> 00:34:33.152 And one of those real world
NOTE Confidence: 0.941953217142857

00:34:33.152 --> 00:34:34.431 settings that we found we thought
NOTE Confidence: 0.941953217142857

00:34:34.431 --> 00:34:35.649 would be important was how to
NOTE Confidence: 0.941953217142857

00:34:35.649 --> 00:34:36.967 use them to keep schools open.
NOTE Confidence: 0.941953217142857

00:34:36.970 --> 00:34:38.916 And so this study looks at that.
NOTE Confidence: 0.941953217142857

00:34:38.920 --> 00:34:40.474 There are four of those eight
NOTE Confidence: 0.941953217142857

00:34:40.474 --> 00:34:41.510 projects that were funded,

NOTE Confidence: 0.941953217142857
00:34:41.510 --> 00:34:42.814 though we'll include mental
NOTE Confidence: 0.941953217142857
00:34:42.814 --> 00:34:44.770 health assessments so we may get
NOTE Confidence: 0.941953217142857
00:34:44.831 --> 00:34:46.407 additional data about school,
NOTE Confidence: 0.941953217142857
00:34:46.410 --> 00:34:47.610 the effects of school closures,
NOTE Confidence: 0.941953217142857
00:34:47.610 --> 00:34:49.110 and keeping schools open and hybrid.
NOTE Confidence: 0.941953217142857
00:34:49.110 --> 00:34:49.526 Learning,
NOTE Confidence: 0.941953217142857
00:34:49.526 --> 00:34:51.606 etcetera from those data sets
NOTE Confidence: 0.941953217142857
00:34:51.606 --> 00:34:53.270 as they become available.
NOTE Confidence: 0.941953217142857
00:34:53.270 --> 00:34:55.328 Now there are ongoing areas of
NOTE Confidence: 0.941953217142857
00:34:55.328 --> 00:34:57.426 interest gaps in our portfolio that
NOTE Confidence: 0.941953217142857
00:34:57.426 --> 00:35:00.058 we are trying to fill and I'm very
NOTE Confidence: 0.941953217142857
00:35:00.132 --> 00:35:02.575 happy to say that Congress gave \$20
NOTE Confidence: 0.941953217142857
00:35:02.575 --> 00:35:05.150 million extra to the NIH budget this year.
NOTE Confidence: 0.941953217142857
00:35:05.150 --> 00:35:07.265 A bigger increase than other
NOTE Confidence: 0.941953217142857
00:35:07.265 --> 00:35:08.534 institutes automatically got
NOTE Confidence: 0.941953217142857

00:35:08.534 --> 00:35:10.946 for the first time in memory of
NOTE Confidence: 0.941953217142857

00:35:10.950 --> 00:35:13.410 and specifically to address the
NOTE Confidence: 0.941953217142857

00:35:13.410 --> 00:35:15.870 mental health impacts of COVID.
NOTE Confidence: 0.941953217142857

00:35:15.870 --> 00:35:18.183 And so we put out a number of calls,
NOTE Confidence: 0.941953217142857

00:35:18.190 --> 00:35:19.966 and these are some of the grants that
NOTE Confidence: 0.941953217142857

00:35:19.966 --> 00:35:21.650 we funded with some of those calls,
NOTE Confidence: 0.941953217142857

00:35:21.650 --> 00:35:23.366 whether they be school based depression.
NOTE Confidence: 0.941953217142857

00:35:23.370 --> 00:35:25.222 Prevention longitudinal studies of
NOTE Confidence: 0.941953217142857

00:35:25.222 --> 00:35:27.074 art constructs and adolescents.
NOTE Confidence: 0.941953217142857

00:35:27.080 --> 00:35:30.400 Suicidality school based suicide prevention.
NOTE Confidence: 0.941953217142857

00:35:30.400 --> 00:35:31.785 School effects of school disruptions
NOTE Confidence: 0.941953217142857

00:35:31.785 --> 00:35:32.616 on mental health.
NOTE Confidence: 0.941953217142857

00:35:32.620 --> 00:35:33.880 So some of these that one last
NOTE Confidence: 0.941953217142857

00:35:33.880 --> 00:35:34.800 one is a notice.
NOTE Confidence: 0.941953217142857

00:35:34.800 --> 00:35:36.680 So we have a lot of grants in this area.
NOTE Confidence: 0.941953217142857

00:35:36.680 --> 00:35:38.423 We have an interest in launch more

NOTE Confidence: 0.941953217142857
00:35:38.423 --> 00:35:40.243 grants and I encourage you to look
NOTE Confidence: 0.941953217142857
00:35:40.243 --> 00:35:42.092 at and stay attuned to our notices
NOTE Confidence: 0.941953217142857
00:35:42.092 --> 00:35:43.947 in this area and I'll point out
NOTE Confidence: 0.941953217142857
00:35:43.947 --> 00:35:47.220 one that's actually not on here.
NOTE Confidence: 0.941953217142857
00:35:47.220 --> 00:35:50.060 As soon as Congress gave us that \$20
NOTE Confidence: 0.941953217142857
00:35:50.060 --> 00:35:52.413 million extra and the President has
NOTE Confidence: 0.941953217142857
00:35:52.413 --> 00:35:55.190 now proposed 25 million more next year,
NOTE Confidence: 0.941953217142857
00:35:55.190 --> 00:35:58.011 we put out an emergency announcement for
NOTE Confidence: 0.941953217142857
00:35:58.011 --> 00:36:00.708 applications in the area of COVID health,
NOTE Confidence: 0.941953217142857
00:36:00.710 --> 00:36:01.286 mental COVID,
NOTE Confidence: 0.941953217142857
00:36:01.286 --> 00:36:02.726 mental health impacts and encourage
NOTE Confidence: 0.941953217142857
00:36:02.726 --> 00:36:04.349 you to look at that notice.
NOTE Confidence: 0.941953217142857
00:36:04.350 --> 00:36:05.934 It gives you a good idea of what we
NOTE Confidence: 0.941953217142857
00:36:05.934 --> 00:36:07.408 think are the important priorities.
NOTE Confidence: 0.941953217142857
00:36:07.410 --> 00:36:09.090 Of course, you may think better,
NOTE Confidence: 0.941953217142857

00:36:09.090 --> 00:36:10.518 and so you may have something else,
NOTE Confidence: 0.941953217142857

00:36:10.520 --> 00:36:12.272 but I encourage you to look at that
NOTE Confidence: 0.941953217142857

00:36:12.272 --> 00:36:14.045 and consider there are the first
NOTE Confidence: 0.941953217142857

00:36:14.045 --> 00:36:15.325 application deadline already passed,
NOTE Confidence: 0.941953217142857

00:36:15.330 --> 00:36:16.830 but there are two more applications
NOTE Confidence: 0.941953217142857

00:36:16.830 --> 00:36:18.460 in in the coming fiscal year.
NOTE Confidence: 0.941953217142857

00:36:18.460 --> 00:36:21.718 Application deadlines in coming fiscal year.
NOTE Confidence: 0.941953217142857

00:36:21.720 --> 00:36:24.888 So that's our response to COVID-19.
NOTE Confidence: 0.941953217142857

00:36:24.890 --> 00:36:28.306 And next I'll talk to you about
NOTE Confidence: 0.941953217142857

00:36:28.306 --> 00:36:29.282 suicide prevention.
NOTE Confidence: 0.941953217142857

00:36:29.290 --> 00:36:31.130 Our efforts in suicide prevention
NOTE Confidence: 0.941953217142857

00:36:31.130 --> 00:36:32.970 have been really quite focused,
NOTE Confidence: 0.941953217142857

00:36:32.970 --> 00:36:34.006 and so that means,
NOTE Confidence: 0.941953217142857

00:36:34.006 --> 00:36:35.845 although we have conducted a lot of
NOTE Confidence: 0.941953217142857

00:36:35.845 --> 00:36:37.483 research in youth and up till now,
NOTE Confidence: 0.941953217142857

00:36:37.490 --> 00:36:39.260 it's really been focused on adults

NOTE Confidence: 0.941953217142857
00:36:39.260 --> 00:36:40.712 because most suicide deaths are
NOTE Confidence: 0.941953217142857
00:36:40.712 --> 00:36:42.245 in adults and we were trying to
NOTE Confidence: 0.941953217142857
00:36:42.245 --> 00:36:44.088 figure out ways that we could bend
NOTE Confidence: 0.941953217142857
00:36:44.088 --> 00:36:45.443 that suicide prevent that suicide
NOTE Confidence: 0.775640996666667
00:36:45.450 --> 00:36:47.709 curve. And I didn't show you the adult curve,
NOTE Confidence: 0.775640996666667
00:36:47.710 --> 00:36:49.582 but you know that in 2019 it does look
NOTE Confidence: 0.775640996666667
00:36:49.582 --> 00:36:51.470 like that curve at least flattened and
NOTE Confidence: 0.775640996666667
00:36:51.470 --> 00:36:53.239 may have turned around a little bit.
NOTE Confidence: 0.775640996666667
00:36:53.240 --> 00:36:55.585 Our research aimed at doing that was
NOTE Confidence: 0.775640996666667
00:36:55.585 --> 00:36:57.968 focused on how can we identify individuals
NOTE Confidence: 0.775640996666667
00:36:57.968 --> 00:37:00.795 at risk and one of the most promising
NOTE Confidence: 0.775640996666667
00:37:00.795 --> 00:37:03.159 areas is in access to healthcare.
NOTE Confidence: 0.775640996666667
00:37:03.160 --> 00:37:04.824 30% of people who die by suicide were
NOTE Confidence: 0.775640996666667
00:37:04.824 --> 00:37:06.766 seen by a healthcare provider in the
NOTE Confidence: 0.775640996666667
00:37:06.766 --> 00:37:09.546 preceding seven days, seven days,
NOTE Confidence: 0.775640996666667

00:37:09.546 --> 00:37:12.556 50% in the preceding month.

NOTE Confidence: 0.775640996666667

00:37:12.560 --> 00:37:15.176 Of course, nearly 90% in the preceding year.

NOTE Confidence: 0.775640996666667

00:37:15.180 --> 00:37:16.930 So healthcare represents an opportunity

NOTE Confidence: 0.775640996666667

00:37:16.930 --> 00:37:19.030 to identify people at risk and

NOTE Confidence: 0.775640996666667

00:37:19.030 --> 00:37:20.515 intervene and study after study

NOTE Confidence: 0.775640996666667

00:37:20.515 --> 00:37:22.339 has shown this works and adults,

NOTE Confidence: 0.775640996666667

00:37:22.340 --> 00:37:23.639 we can reduce.

NOTE Confidence: 0.775640996666667

00:37:23.639 --> 00:37:25.804 Suicide attempts by universal screening

NOTE Confidence: 0.775640996666667

00:37:25.804 --> 00:37:28.480 and a simple referral package.

NOTE Confidence: 0.775640996666667

00:37:28.480 --> 00:37:30.760 In addition to usual care,

NOTE Confidence: 0.775640996666667

00:37:30.760 --> 00:37:32.434 you can reduce suicide attempts over

NOTE Confidence: 0.775640996666667

00:37:32.434 --> 00:37:33.820 the next year by 30%.

NOTE Confidence: 0.775640996666667

00:37:33.820 --> 00:37:35.116 So imagine if we could do

NOTE Confidence: 0.775640996666667

00:37:35.116 --> 00:37:36.502 that in the 30% of people,

NOTE Confidence: 0.775640996666667

00:37:36.502 --> 00:37:38.062 that would be a 10% drop

NOTE Confidence: 0.775640996666667

00:37:38.062 --> 00:37:38.818 in suicides immediately,

NOTE Confidence: 0.775640996666667
00:37:38.818 --> 00:37:40.633 and in fact we think that the
NOTE Confidence: 0.775640996666667
00:37:40.633 --> 00:37:42.121 fact that there is now universal
NOTE Confidence: 0.775640996666667
00:37:42.121 --> 00:37:43.711 screening in many ER's around the
NOTE Confidence: 0.775640996666667
00:37:43.711 --> 00:37:45.307 country is one of the contributing
NOTE Confidence: 0.775640996666667
00:37:45.307 --> 00:37:46.744 reasons to bending that curve.
NOTE Confidence: 0.775640996666667
00:37:46.744 --> 00:37:48.490 We also need to provide more
NOTE Confidence: 0.775640996666667
00:37:48.556 --> 00:37:49.930 effective interventions.
NOTE Confidence: 0.775640996666667
00:37:49.930 --> 00:37:51.580 Suicide screening works in kids.
NOTE Confidence: 0.775640996666667
00:37:51.580 --> 00:37:52.696 You know that there are a
NOTE Confidence: 0.775640996666667
00:37:52.696 --> 00:37:53.440 number of different measures.
NOTE Confidence: 0.775640996666667
00:37:53.440 --> 00:37:54.646 This one we're very proud of.
NOTE Confidence: 0.775640996666667
00:37:54.650 --> 00:37:56.568 The SQ because it was developed in
NOTE Confidence: 0.775640996666667
00:37:56.568 --> 00:37:58.884 house at the NIH and has been tested
NOTE Confidence: 0.775640996666667
00:37:58.884 --> 00:38:01.176 in a variety of different settings and
NOTE Confidence: 0.775640996666667
00:38:01.176 --> 00:38:03.176 a variety of different populations,
NOTE Confidence: 0.775640996666667

00:38:03.180 --> 00:38:06.050 both minority and majority populations,
NOTE Confidence: 0.775640996666667

00:38:06.050 --> 00:38:09.179 and so it's a really wonderful instrument,
NOTE Confidence: 0.775640996666667

00:38:09.180 --> 00:38:10.440 and I encourage people to use it.
NOTE Confidence: 0.775640996666667

00:38:10.440 --> 00:38:12.004 There's certainly other ones.
NOTE Confidence: 0.775640996666667

00:38:12.004 --> 00:38:13.959 A computerized adaptive screeners being
NOTE Confidence: 0.775640996666667

00:38:13.959 --> 00:38:15.777 studied by the Edge Stardust Group,
NOTE Confidence: 0.775640996666667

00:38:15.780 --> 00:38:17.432 which is the follow up to that
NOTE Confidence: 0.775640996666667

00:38:17.432 --> 00:38:18.140 adult ER study.
NOTE Confidence: 0.775640996666667

00:38:18.140 --> 00:38:19.400 But now trying to do the
NOTE Confidence: 0.775640996666667

00:38:19.400 --> 00:38:20.240 same thing in children,
NOTE Confidence: 0.775640996666667

00:38:20.240 --> 00:38:22.280 showing that you can identify 80%
NOTE Confidence: 0.775640996666667

00:38:22.280 --> 00:38:25.130 of youth who will attempt suicide.
NOTE Confidence: 0.775640996666667

00:38:25.130 --> 00:38:28.140 In the next 30 next 90 days,
NOTE Confidence: 0.775640996666667

00:38:28.140 --> 00:38:30.744 by asking them put by by universally
NOTE Confidence: 0.775640996666667

00:38:30.744 --> 00:38:32.674 giving this Screener to everyone
NOTE Confidence: 0.775640996666667

00:38:32.674 --> 00:38:34.539 coming to an emergency room,

NOTE Confidence: 0.775640996666667
00:38:34.540 --> 00:38:35.925 and now they're testing interventions
NOTE Confidence: 0.775640996666667
00:38:35.925 --> 00:38:37.654 to see if they can reduce
NOTE Confidence: 0.775640996666667
00:38:37.654 --> 00:38:39.099 rates in those who identify.
NOTE Confidence: 0.775640996666667
00:38:39.100 --> 00:38:41.179 There are other promising areas of risk,
NOTE Confidence: 0.775640996666667
00:38:41.180 --> 00:38:41.581 identification,
NOTE Confidence: 0.775640996666667
00:38:41.581 --> 00:38:42.383 and adolescence,
NOTE Confidence: 0.775640996666667
00:38:42.383 --> 00:38:44.789 and this one you can track
NOTE Confidence: 0.775640996666667
00:38:44.789 --> 00:38:46.859 trajectories for risk for suicide
NOTE Confidence: 0.775640996666667
00:38:46.859 --> 00:38:48.062 using ecological momentary
NOTE Confidence: 0.775640996666667
00:38:48.062 --> 00:38:50.000 assessments delivered to smartphones,
NOTE Confidence: 0.775640996666667
00:38:50.000 --> 00:38:51.376 and we have another.
NOTE Confidence: 0.775640996666667
00:38:51.376 --> 00:38:53.096 A number of research initiatives
NOTE Confidence: 0.775640996666667
00:38:53.096 --> 00:38:55.137 aimed at youth suicide prevention.
NOTE Confidence: 0.775640996666667
00:38:55.140 --> 00:38:56.844 I'll point out that there are
NOTE Confidence: 0.775640996666667
00:38:56.844 --> 00:38:58.877 several on here that are focused
NOTE Confidence: 0.775640996666667

00:38:58.877 --> 00:39:00.977 specifically on Black Youth and
NOTE Confidence: 0.775640996666667

00:39:00.977 --> 00:39:02.237 other underrepresented groups,
NOTE Confidence: 0.775640996666667

00:39:02.240 --> 00:39:03.689 and the reason for that of course,
NOTE Confidence: 0.775640996666667

00:39:03.690 --> 00:39:05.510 is that data that I showed you
NOTE Confidence: 0.775640996666667

00:39:05.510 --> 00:39:07.370 before that we're starting to see
NOTE Confidence: 0.775640996666667

00:39:07.370 --> 00:39:09.065 alarming increases in black youth.
NOTE Confidence: 0.775640996666667

00:39:09.070 --> 00:39:11.023 One of the things that I mentioned
NOTE Confidence: 0.775640996666667

00:39:11.023 --> 00:39:13.223 that we really haven't figured out is
NOTE Confidence: 0.775640996666667

00:39:13.223 --> 00:39:15.505 how we can study suicidal behavior in
NOTE Confidence: 0.775640996666667

00:39:15.505 --> 00:39:17.962 very young children younger than age 9 or 10,
NOTE Confidence: 0.775640996666667

00:39:17.970 --> 00:39:20.013 and that's something that we need to work on,
NOTE Confidence: 0.775640996666667

00:39:20.020 --> 00:39:21.930 and we know we need to work on as well,
NOTE Confidence: 0.775640996666667

00:39:21.930 --> 00:39:25.560 and that's a focus of an.
NOTE Confidence: 0.775640996666667

00:39:25.560 --> 00:39:25.750 Actually,
NOTE Confidence: 0.775640996666667

00:39:25.750 --> 00:39:26.700 it's not even on here.
NOTE Confidence: 0.830185234

00:39:26.700 --> 00:39:28.040 It may have closed already,

NOTE Confidence: 0.830185234

00:39:28.040 --> 00:39:30.344 an initiative that we put out to try

NOTE Confidence: 0.830185234

00:39:30.344 --> 00:39:32.817 to look at these early risk factors.

NOTE Confidence: 0.830185234

00:39:32.820 --> 00:39:34.431 Here we go. So we did try to hold

NOTE Confidence: 0.830185234

00:39:34.431 --> 00:39:36.241 a workshop to try to ask what we

NOTE Confidence: 0.830185234

00:39:36.241 --> 00:39:38.075 know and what we don't know in this

NOTE Confidence: 0.830185234

00:39:38.075 --> 00:39:39.614 area and I was really pleased to

NOTE Confidence: 0.830185234

00:39:39.614 --> 00:39:40.916 have a discussion with Jane Pearson.

NOTE Confidence: 0.830185234

00:39:40.920 --> 00:39:42.756 Is my suicide prevention research guru

NOTE Confidence: 0.830185234

00:39:42.756 --> 00:39:44.999 at NIMH and a special assistant to

NOTE Confidence: 0.830185234

00:39:44.999 --> 00:39:47.393 me on that topic. And Rachel Levine.

NOTE Confidence: 0.830185234

00:39:47.393 --> 00:39:48.877 Really outstanding assistant Secretary

NOTE Confidence: 0.830185234

00:39:48.877 --> 00:39:51.120 for Health that many of you may know,

NOTE Confidence: 0.830185234

00:39:51.120 --> 00:39:52.772 and the three of us talked about

NOTE Confidence: 0.830185234

00:39:52.772 --> 00:39:55.036 what we know and what we don't know

NOTE Confidence: 0.830185234

00:39:55.036 --> 00:39:56.531 about risk trajectories for youth.

NOTE Confidence: 0.830185234

00:39:56.540 --> 00:39:57.362 But more importantly,
NOTE Confidence: 0.830185234

00:39:57.362 --> 00:39:59.280 the experts talked about it too and
NOTE Confidence: 0.830185234

00:39:59.332 --> 00:40:00.802 helped inform the content of future
NOTE Confidence: 0.830185234

00:40:00.802 --> 00:40:02.750 or it will help inform the content.
NOTE Confidence: 0.830185234

00:40:02.750 --> 00:40:03.992 Future research calls.
NOTE Confidence: 0.830185234

00:40:03.992 --> 00:40:06.062 Finally, I'll talk about health
NOTE Confidence: 0.830185234

00:40:06.062 --> 00:40:07.780 disparities for a few minutes.
NOTE Confidence: 0.830185234

00:40:07.780 --> 00:40:08.935 This is an area, as I mentioned,
NOTE Confidence: 0.830185234

00:40:08.940 --> 00:40:10.739 to some of you before that I
NOTE Confidence: 0.830185234

00:40:10.739 --> 00:40:11.700 think we've underinvested in.
NOTE Confidence: 0.830185234

00:40:11.700 --> 00:40:12.226 Of course,
NOTE Confidence: 0.830185234

00:40:12.226 --> 00:40:14.067 one of the outcomes of that underinvestment,
NOTE Confidence: 0.830185234

00:40:14.070 --> 00:40:15.432 and maybe this curve right here
NOTE Confidence: 0.830185234

00:40:15.432 --> 00:40:17.181 that I showed you before the rise
NOTE Confidence: 0.830185234

00:40:17.181 --> 00:40:18.759 in rates among black youth suicide.
NOTE Confidence: 0.830185234

00:40:18.760 --> 00:40:20.400 But the fact of the matter is there

NOTE Confidence: 0.830185234

00:40:20.400 --> 00:40:21.569 been disparities and suicide rates,

NOTE Confidence: 0.830185234

00:40:21.570 --> 00:40:23.736 by ethnicity, for a long time.

NOTE Confidence: 0.830185234

00:40:23.740 --> 00:40:25.749 One of the ones that we've been

NOTE Confidence: 0.830185234

00:40:25.749 --> 00:40:28.150 most focused on at NIH for a number

NOTE Confidence: 0.830185234

00:40:28.150 --> 00:40:30.066 of years is the tremendously high

NOTE Confidence: 0.830185234

00:40:30.066 --> 00:40:31.991 rates of suicide deaths amongst

NOTE Confidence: 0.830185234

00:40:31.991 --> 00:40:35.520 American Indian and Alaska native.

NOTE Confidence: 0.830185234

00:40:35.520 --> 00:40:38.742 Both adults and youth we have had a program.

NOTE Confidence: 0.830185234

00:40:38.750 --> 00:40:40.535 As some of you may be aware,

NOTE Confidence: 0.830185234

00:40:40.540 --> 00:40:42.964 that involve involves research

NOTE Confidence: 0.830185234

00:40:42.964 --> 00:40:45.860 hubs to attempt to address the

NOTE Confidence: 0.830185234

00:40:45.860 --> 00:40:48.150 issue of suicidality in Alaska.

NOTE Confidence: 0.830185234

00:40:48.150 --> 00:40:50.586 In American Indian, Alaska Native youth,

NOTE Confidence: 0.830185234

00:40:50.590 --> 00:40:52.530 three different hubs were funded.

NOTE Confidence: 0.830185234

00:40:52.530 --> 00:40:54.498 They they study both a rural

NOTE Confidence: 0.830185234

00:40:54.498 --> 00:40:55.482 and urban populations.
NOTE Confidence: 0.830185234

00:40:55.490 --> 00:40:57.285 Both populations that are intermixed
NOTE Confidence: 0.830185234

00:40:57.285 --> 00:40:59.524 with the general US population and
NOTE Confidence: 0.830185234

00:40:59.524 --> 00:41:01.068 populations are on reservations,
NOTE Confidence: 0.830185234

00:41:01.070 --> 00:41:02.462 and we look forward to the
NOTE Confidence: 0.830185234

00:41:02.462 --> 00:41:03.158 outcomes from those.
NOTE Confidence: 0.830185234

00:41:03.160 --> 00:41:04.444 Fine, those studies soon.
NOTE Confidence: 0.830185234

00:41:04.444 --> 00:41:07.207 We have another a number of other initiatives
NOTE Confidence: 0.830185234

00:41:07.207 --> 00:41:09.895 in the health disparities area as well,
NOTE Confidence: 0.830185234

00:41:09.900 --> 00:41:11.545 and in addition to the things that
NOTE Confidence: 0.830185234

00:41:11.545 --> 00:41:12.958 I'm showing you on this slide,
NOTE Confidence: 0.830185234

00:41:12.960 --> 00:41:15.200 what I'm really most proud about is
NOTE Confidence: 0.830185234

00:41:15.200 --> 00:41:17.320 our work that transcends different
NOTE Confidence: 0.830185234

00:41:17.320 --> 00:41:19.500 areas of biomedical research.
NOTE Confidence: 0.830185234

00:41:19.500 --> 00:41:21.726 We are now participating in an NIH
NOTE Confidence: 0.830185234

00:41:21.726 --> 00:41:23.481 wide effort that just recently

NOTE Confidence: 0.830185234

00:41:23.481 --> 00:41:25.321 received approval to move forward

NOTE Confidence: 0.830185234

00:41:25.321 --> 00:41:27.299 on a common fund program.

NOTE Confidence: 0.830185234

00:41:27.300 --> 00:41:29.666 That's the the dollars to the NIH

NOTE Confidence: 0.830185234

00:41:29.666 --> 00:41:31.440 director directs him or herself.

NOTE Confidence: 0.830185234

00:41:31.440 --> 00:41:33.560 Common Fund program that really

NOTE Confidence: 0.830185234

00:41:33.560 --> 00:41:35.256 looks at health disparities.

NOTE Confidence: 0.830185234

00:41:35.260 --> 00:41:37.270 From a structural intervention lens,

NOTE Confidence: 0.830185234

00:41:37.270 --> 00:41:39.545 what can we do in communities that

NOTE Confidence: 0.830185234

00:41:39.545 --> 00:41:41.418 will really change the origins

NOTE Confidence: 0.830185234

00:41:41.418 --> 00:41:42.669 of health disparities?

NOTE Confidence: 0.830185234

00:41:42.670 --> 00:41:45.280 And it's a very innovative program,

NOTE Confidence: 0.830185234

00:41:45.280 --> 00:41:46.645 at least from the NIH perspective of

NOTE Confidence: 0.830185234

00:41:46.645 --> 00:41:48.339 many of you who work with communities.

NOTE Confidence: 0.830185234

00:41:48.340 --> 00:41:50.284 Been doing this sort of thing for a

NOTE Confidence: 0.830185234

00:41:50.284 --> 00:41:53.314 while to try to expand our ability

NOTE Confidence: 0.830185234

00:41:53.314 --> 00:41:55.746 to tackle structural problems that
NOTE Confidence: 0.830185234

00:41:55.746 --> 00:41:58.261 lead to health disparities from
NOTE Confidence: 0.830185234

00:41:58.261 --> 00:42:00.916 a really trans disease angle.
NOTE Confidence: 0.915030139285714

00:42:03.520 --> 00:42:05.884 We have also been asked by
NOTE Confidence: 0.915030139285714

00:42:05.884 --> 00:42:07.460 Congress specifically to address
NOTE Confidence: 0.915030139285714

00:42:07.531 --> 00:42:09.667 youth mental health disparities.
NOTE Confidence: 0.915030139285714

00:42:09.670 --> 00:42:11.488 We have established a strategic framework
NOTE Confidence: 0.915030139285714

00:42:11.488 --> 00:42:13.884 with the goal of addressing and reducing
NOTE Confidence: 0.915030139285714

00:42:13.884 --> 00:42:16.146 youth mental health disparities by 20-30.
NOTE Confidence: 0.915030139285714

00:42:16.150 --> 00:42:17.700 With three areas of focus,
NOTE Confidence: 0.915030139285714

00:42:17.700 --> 00:42:19.014 expanding research opportunities,
NOTE Confidence: 0.915030139285714

00:42:19.014 --> 00:42:20.328 expanding stakeholder engagement
NOTE Confidence: 0.915030139285714

00:42:20.328 --> 00:42:22.597 and growing the mental health
NOTE Confidence: 0.915030139285714

00:42:22.597 --> 00:42:23.998 disparities research workforce,
NOTE Confidence: 0.915030139285714

00:42:24.000 --> 00:42:25.665 we're in the final stages
NOTE Confidence: 0.915030139285714

00:42:25.665 --> 00:42:26.997 of writing this report.

NOTE Confidence: 0.915030139285714
00:42:27.000 --> 00:42:28.320 It will be submitted to Congress,
NOTE Confidence: 0.915030139285714
00:42:28.320 --> 00:42:30.672 hopefully actually next week.
NOTE Confidence: 0.915030139285714
00:42:30.672 --> 00:42:33.024 I just returned today.
NOTE Confidence: 0.915030139285714
00:42:33.030 --> 00:42:33.939 The final draft.
NOTE Confidence: 0.915030139285714
00:42:33.939 --> 00:42:36.479 So I look forward to you having the
NOTE Confidence: 0.915030139285714
00:42:36.479 --> 00:42:38.597 opportunity to review that report and
NOTE Confidence: 0.915030139285714
00:42:38.597 --> 00:42:40.863 get some ideas about things that you
NOTE Confidence: 0.915030139285714
00:42:40.863 --> 00:42:43.318 can do to help move the field forward.
NOTE Confidence: 0.915030139285714
00:42:43.318 --> 00:42:45.936 So I'll just mention that we are
NOTE Confidence: 0.915030139285714
00:42:45.936 --> 00:42:48.049 actually working with the White House
NOTE Confidence: 0.915030139285714
00:42:48.049 --> 00:42:50.655 and HHS on the mental health strategy
NOTE Confidence: 0.915030139285714
00:42:50.655 --> 00:42:53.693 trying to figure out what the research
NOTE Confidence: 0.915030139285714
00:42:53.693 --> 00:42:55.418 components of that strategy are,
NOTE Confidence: 0.915030139285714
00:42:55.418 --> 00:42:56.384 of course includes,
NOTE Confidence: 0.915030139285714
00:42:56.390 --> 00:42:59.594 as the President has announced \$5
NOTE Confidence: 0.915030139285714

00:42:59.594 --> 00:43:01.290 million in next year's budget.

NOTE Confidence: 0.915030139285714

00:43:01.290 --> 00:43:03.030 If passed by Congress to support.

NOTE Confidence: 0.915030139285714

00:43:03.030 --> 00:43:04.085 Studies in the social media

NOTE Confidence: 0.915030139285714

00:43:04.085 --> 00:43:04.929 impact on mental health.

NOTE Confidence: 0.915030139285714

00:43:04.930 --> 00:43:07.000 It also the president's budget includes

NOTE Confidence: 0.915030139285714

00:43:07.000 --> 00:43:08.810 \$5 million for innovative approaches

NOTE Confidence: 0.915030139285714

00:43:08.810 --> 00:43:10.670 to mental health care delivery.

NOTE Confidence: 0.915030139285714

00:43:10.670 --> 00:43:12.350 Recognizing that we need to

NOTE Confidence: 0.915030139285714

00:43:12.350 --> 00:43:13.694 have near term research.

NOTE Confidence: 0.915030139285714

00:43:13.700 --> 00:43:15.408 If we're going to have near term

NOTE Confidence: 0.915030139285714

00:43:15.408 --> 00:43:16.720 results for mental healthcare,

NOTE Confidence: 0.915030139285714

00:43:16.720 --> 00:43:18.575 we also want to enhance our support

NOTE Confidence: 0.915030139285714

00:43:18.575 --> 00:43:19.927 for early career scientists and

NOTE Confidence: 0.915030139285714

00:43:19.927 --> 00:43:21.677 use that as a tool to increase

NOTE Confidence: 0.915030139285714

00:43:21.677 --> 00:43:23.357 the diversity of our workforce.

NOTE Confidence: 0.915030139285714

00:43:23.360 --> 00:43:25.136 I recognize that the COVID-19 is.

NOTE Confidence: 0.915030139285714
00:43:25.140 --> 00:43:27.366 This graph suggests it has had outsized
NOTE Confidence: 0.915030139285714
00:43:27.366 --> 00:43:29.657 impacts on people early in their careers.
NOTE Confidence: 0.915030139285714
00:43:29.660 --> 00:43:31.790 We have supported extensions and
NOTE Confidence: 0.915030139285714
00:43:31.790 --> 00:43:33.494 continue to support extensions.
NOTE Confidence: 0.915030139285714
00:43:33.500 --> 00:43:35.395 To training and career development
NOTE Confidence: 0.915030139285714
00:43:35.395 --> 00:43:37.836 grants were necessary as well as
NOTE Confidence: 0.915030139285714
00:43:37.836 --> 00:43:39.279 administrative supplements for
NOTE Confidence: 0.915030139285714
00:43:39.279 --> 00:43:41.203 COVID-19 impacted NIH research.
NOTE Confidence: 0.915030139285714
00:43:41.210 --> 00:43:42.230 We put out a notice,
NOTE Confidence: 0.915030139285714
00:43:42.230 --> 00:43:43.924 in particular to talk about the kinds
NOTE Confidence: 0.915030139285714
00:43:43.924 --> 00:43:45.815 of research that we think are most
NOTE Confidence: 0.915030139285714
00:43:45.815 --> 00:43:47.483 important to support with those supplements.
NOTE Confidence: 0.915030139285714
00:43:47.490 --> 00:43:47.728 Again,
NOTE Confidence: 0.915030139285714
00:43:47.728 --> 00:43:49.394 I encourage you to look at that
NOTE Confidence: 0.915030139285714
00:43:49.394 --> 00:43:51.043 and then discuss with your program
NOTE Confidence: 0.915030139285714

00:43:51.043 --> 00:43:52.717 staff if your own project has
NOTE Confidence: 0.915030139285714

00:43:52.770 --> 00:43:54.090 been affected by COVID-19,
NOTE Confidence: 0.915030139285714

00:43:54.090 --> 00:43:55.548 and then I'll close with this,
NOTE Confidence: 0.915030139285714

00:43:55.550 --> 00:43:57.934 which is another slide with lots of links
NOTE Confidence: 0.915030139285714

00:43:57.934 --> 00:44:00.190 to initiatives that are all aimed at
NOTE Confidence: 0.915030139285714

00:44:00.190 --> 00:44:01.790 trying to improve workforce diversity.
NOTE Confidence: 0.915030139285714

00:44:01.790 --> 00:44:02.330 Many of them,
NOTE Confidence: 0.915030139285714

00:44:02.330 --> 00:44:04.010 but not all of them are about training,
NOTE Confidence: 0.915030139285714

00:44:04.010 --> 00:44:05.320 but we recognize it's not
NOTE Confidence: 0.915030139285714

00:44:05.320 --> 00:44:06.630 just about the so called.
NOTE Confidence: 0.915030139285714

00:44:06.630 --> 00:44:07.071 Pipeline,
NOTE Confidence: 0.915030139285714

00:44:07.071 --> 00:44:09.717 it's really about trying to create
NOTE Confidence: 0.915030139285714

00:44:09.717 --> 00:44:11.845 an environment that is open
NOTE Confidence: 0.915030139285714

00:44:11.845 --> 00:44:13.670 to an inclusive of researchers
NOTE Confidence: 0.915030139285714

00:44:13.670 --> 00:44:15.670 from a diverse backgrounds,
NOTE Confidence: 0.915030139285714

00:44:15.670 --> 00:44:17.357 and so I encourage you to look

NOTE Confidence: 0.915030139285714
00:44:17.357 --> 00:44:18.539 at those programs as well.
NOTE Confidence: 0.915030139285714
00:44:18.540 --> 00:44:18.990 With that,
NOTE Confidence: 0.915030139285714
00:44:18.990 --> 00:44:20.790 I'll stop and open it up for questions.
NOTE Confidence: 0.902901351666667
00:44:28.940 --> 00:44:30.158 Thank you so much Doctor Gordon,
NOTE Confidence: 0.902901351666667
00:44:30.160 --> 00:44:31.606 and just in the spirit of
NOTE Confidence: 0.902901351666667
00:44:31.606 --> 00:44:33.050 this being the Cohen lecture,
NOTE Confidence: 0.902901351666667
00:44:33.050 --> 00:44:34.422 I believe Phyllis Cohen.
NOTE Confidence: 0.902901351666667
00:44:34.422 --> 00:44:36.480 Gladstone is on the line Phyllis,
NOTE Confidence: 0.902901351666667
00:44:36.480 --> 00:44:37.908 could I call on you to make
NOTE Confidence: 0.902901351666667
00:44:37.908 --> 00:44:38.860 any initial comments or
NOTE Confidence: 0.902901351666667
00:44:38.860 --> 00:44:40.048 reflections on the presentation?
NOTE Confidence: 0.79806925
00:44:47.860 --> 00:44:49.230 You're muted if you're talking.
NOTE Confidence: 0.9202999675
00:44:51.430 --> 00:44:54.772 I would be so. And I'll just reiterate.
NOTE Confidence: 0.9202999675
00:44:54.772 --> 00:44:56.820 While we maybe we find her that
NOTE Confidence: 0.9202999675
00:44:56.820 --> 00:44:57.864 you can ask me questions about
NOTE Confidence: 0.9202999675

00:44:57.864 --> 00:44:58.947 anything that I talked about or
NOTE Confidence: 0.9202999675

00:44:58.947 --> 00:44:59.930 didn't talk about. It's fine.
NOTE Confidence: 0.821907270714286

00:45:00.860 --> 00:45:01.984 Maybe just Phyllis unmuting.
NOTE Confidence: 0.821907270714286

00:45:01.984 --> 00:45:03.670 I'll open it up to the
NOTE Confidence: 0.821907270714286

00:45:03.730 --> 00:45:05.218 audience for any questions.
NOTE Confidence: 0.904429384

00:45:08.810 --> 00:45:10.680 Hi Doctor Gordon, great talk.
NOTE Confidence: 0.816861028571429

00:45:10.870 --> 00:45:13.082 My name is April. I'm a PhD student
NOTE Confidence: 0.816861028571429

00:45:13.082 --> 00:45:15.778 in Ellen Hoffman's lab and I have
NOTE Confidence: 0.8993900325

00:45:15.790 --> 00:45:17.270 a two part question.
NOTE Confidence: 0.957466775

00:45:18.830 --> 00:45:20.702 Are there any studies or data that
NOTE Confidence: 0.957466775

00:45:20.702 --> 00:45:23.700 you can speak on about the mental
NOTE Confidence: 0.957466775

00:45:23.700 --> 00:45:26.210 health challenges of LGBTQ youth,
NOTE Confidence: 0.957466775

00:45:26.210 --> 00:45:29.970 both during COVID and regarding a
NOTE Confidence: 0.957466775

00:45:29.970 --> 00:45:31.980 suicide prevention or suicidality?
NOTE Confidence: 0.763855026666667

00:45:34.470 --> 00:45:36.948 Yes, there are. Let's start there.
NOTE Confidence: 0.763855026666667

00:45:36.950 --> 00:45:38.396 But actually my first thank you

NOTE Confidence: 0.763855026666667
00:45:38.396 --> 00:45:39.830 for asking the first question.
NOTE Confidence: 0.763855026666667
00:45:39.830 --> 00:45:40.971 It's unusual to have a trainee do
NOTE Confidence: 0.763855026666667
00:45:40.971 --> 00:45:42.350 it and I'm really appreciate that.
NOTE Confidence: 0.763855026666667
00:45:42.350 --> 00:45:45.158 I like to hear from trainees.
NOTE Confidence: 0.763855026666667
00:45:45.160 --> 00:45:46.575 We know from some data
NOTE Confidence: 0.763855026666667
00:45:46.575 --> 00:45:48.260 there's not a lot of it,
NOTE Confidence: 0.763855026666667
00:45:48.260 --> 00:45:49.860 but like the Trevor Project,
NOTE Confidence: 0.763855026666667
00:45:49.860 --> 00:45:51.642 for example, has accumulated a number
NOTE Confidence: 0.763855026666667
00:45:51.642 --> 00:45:53.471 of data showing that LGBT youth
NOTE Confidence: 0.763855026666667
00:45:53.471 --> 00:45:55.235 have been impacted by the pandemic.
NOTE Confidence: 0.763855026666667
00:45:55.240 --> 00:45:57.102 It's hard to know if it's worse
NOTE Confidence: 0.763855026666667
00:45:57.102 --> 00:45:59.014 or better because it's not really
NOTE Confidence: 0.763855026666667
00:45:59.014 --> 00:46:00.426 well tightly controlled controlled
NOTE Confidence: 0.763855026666667
00:46:00.426 --> 00:46:02.300 groups than in general youth.
NOTE Confidence: 0.763855026666667
00:46:02.300 --> 00:46:02.909 And of course,
NOTE Confidence: 0.763855026666667

00:46:02.909 --> 00:46:04.580 we know that suicide rates are very high,
NOTE Confidence: 0.763855026666667

00:46:04.580 --> 00:46:06.280 particularly amongst trans youth,
NOTE Confidence: 0.763855026666667

00:46:06.280 --> 00:46:09.420 but amongst LGBTQ plus youth in general,
NOTE Confidence: 0.763855026666667

00:46:09.420 --> 00:46:11.940 so that's that's a very,
NOTE Confidence: 0.763855026666667

00:46:11.940 --> 00:46:13.836 very short answer to what is a larger,
NOTE Confidence: 0.763855026666667

00:46:13.840 --> 00:46:15.109 more complex question.
NOTE Confidence: 0.763855026666667

00:46:15.109 --> 00:46:17.647 We have some equities and research
NOTE Confidence: 0.763855026666667

00:46:17.647 --> 00:46:18.850 in this area.
NOTE Confidence: 0.763855026666667

00:46:18.850 --> 00:46:21.334 A lot of our research in this area has
NOTE Confidence: 0.763855026666667

00:46:21.334 --> 00:46:23.608 been focused on suicide prevention,
NOTE Confidence: 0.763855026666667

00:46:23.610 --> 00:46:26.028 also on HIV prevention and the
NOTE Confidence: 0.763855026666667

00:46:26.028 --> 00:46:27.237 intersection between mental
NOTE Confidence: 0.763855026666667

00:46:27.237 --> 00:46:29.480 health and HIV prevention in a
NOTE Confidence: 0.763855026666667

00:46:29.480 --> 00:46:31.250 sexual and gender minority youth,
NOTE Confidence: 0.763855026666667

00:46:31.250 --> 00:46:32.122 sexual, gender,
NOTE Confidence: 0.763855026666667

00:46:32.122 --> 00:46:32.558 minority,

NOTE Confidence: 0.763855026666667
00:46:32.558 --> 00:46:34.738 youth and sexual gender minority
NOTE Confidence: 0.763855026666667
00:46:34.738 --> 00:46:36.855 individuals are now recognized by the
NOTE Confidence: 0.763855026666667
00:46:36.855 --> 00:46:38.760 NIH as a health disparity population.
NOTE Confidence: 0.763855026666667
00:46:38.760 --> 00:46:40.980 So everything I said about health
NOTE Confidence: 0.763855026666667
00:46:40.980 --> 00:46:42.606 disparities and also for that
NOTE Confidence: 0.763855026666667
00:46:42.606 --> 00:46:43.806 matter of workforce diversity,
NOTE Confidence: 0.763855026666667
00:46:43.810 --> 00:46:45.370 we want to and make sure to include.
NOTE Confidence: 0.763855026666667
00:46:45.370 --> 00:46:48.886 Just those communities in that study.
NOTE Confidence: 0.93718886
00:46:50.440 --> 00:46:54.854 Thanks. Great and I see a question on zoom
NOTE Confidence: 0.93718886
00:46:54.854 --> 00:46:56.679 Michelle Hampson if you'd like to unmute.
NOTE Confidence: 0.9377462833333333
00:46:58.980 --> 00:47:00.912 Thank you so much for taking
NOTE Confidence: 0.9377462833333333
00:47:00.912 --> 00:47:03.139 the time to come and present.
NOTE Confidence: 0.9377462833333333
00:47:03.140 --> 00:47:04.676 I actually want to raise one
NOTE Confidence: 0.9377462833333333
00:47:04.676 --> 00:47:06.678 thing which is a concern of mine,
NOTE Confidence: 0.9377462833333333
00:47:06.680 --> 00:47:11.139 which is how the current clinical trial
NOTE Confidence: 0.9377462833333333

00:47:11.140 --> 00:47:15.100 protocols are affecting early stage research.

NOTE Confidence: 0.9377462833333333

00:47:15.100 --> 00:47:19.072 Can you hear me? Yeah, OK, great.

NOTE Confidence: 0.9377462833333333

00:47:19.072 --> 00:47:23.056 So I think you know traditionally

NOTE Confidence: 0.9377462833333333

00:47:23.060 --> 00:47:25.100 late stage clinical trials were the

NOTE Confidence: 0.9377462833333333

00:47:25.100 --> 00:47:27.504 only thing that was called a clinical

NOTE Confidence: 0.9377462833333333

00:47:27.504 --> 00:47:29.793 trial and what was decided is good.

NOTE Confidence: 0.9377462833333333

00:47:29.800 --> 00:47:32.970 Clinical trial practice was developed

NOTE Confidence: 0.9377462833333333

00:47:32.970 --> 00:47:36.980 to perfect late stage clinical research

NOTE Confidence: 0.9377462833333333

00:47:36.980 --> 00:47:39.360 and some of those practices which are

NOTE Confidence: 0.9377462833333333

00:47:39.360 --> 00:47:41.865 very great for late stage clinical

NOTE Confidence: 0.9377462833333333

00:47:41.865 --> 00:47:44.220 research are absolutely horrible when

NOTE Confidence: 0.9377462833333333

00:47:44.220 --> 00:47:46.608 leveraged onto early stage research,

NOTE Confidence: 0.9377462833333333

00:47:46.610 --> 00:47:48.842 and unfortunately that's what's

NOTE Confidence: 0.9377462833333333

00:47:48.842 --> 00:47:49.958 happening now.

NOTE Confidence: 0.9377462833333333

00:47:49.960 --> 00:47:52.016 It feels like is there some technical issue?

NOTE Confidence: 0.8798819877777778

00:47:52.860 --> 00:47:53.904 Just hearing you twice

NOTE Confidence: 0.879881987777778

00:47:53.904 --> 00:47:57.030 but we can hear you OK.

NOTE Confidence: 0.860531448888889

00:47:57.030 --> 00:47:58.766 So I keep going. Or should I wait

NOTE Confidence: 0.860531448888889

00:47:58.766 --> 00:48:00.556 to know what it is keep going.

NOTE Confidence: 0.860531448888889

00:48:00.560 --> 00:48:02.912 OK so I just wanted to express

NOTE Confidence: 0.860531448888889

00:48:02.912 --> 00:48:05.019 how concerned I am about that.

NOTE Confidence: 0.860531448888889

00:48:05.020 --> 00:48:06.640 I think registering what you're

NOTE Confidence: 0.860531448888889

00:48:06.640 --> 00:48:08.166 going to do on clinicaltrials.gov

NOTE Confidence: 0.860531448888889

00:48:08.166 --> 00:48:09.296 is just across the board.

NOTE Confidence: 0.860531448888889

00:48:09.300 --> 00:48:10.182 A positive thing,

NOTE Confidence: 0.860531448888889

00:48:10.182 --> 00:48:11.946 I think that's great for late

NOTE Confidence: 0.860531448888889

00:48:11.946 --> 00:48:13.518 and early stage research.

NOTE Confidence: 0.860531448888889

00:48:13.520 --> 00:48:15.340 However, some of the other ideas like

NOTE Confidence: 0.860531448888889

00:48:15.340 --> 00:48:17.806 the idea that you have to have a very

NOTE Confidence: 0.860531448888889

00:48:17.806 --> 00:48:19.300 fixed protocol and everything you do.

NOTE Confidence: 0.860531448888889

00:48:19.300 --> 00:48:21.040 Everything you look at has

NOTE Confidence: 0.860531448888889

00:48:21.040 --> 00:48:22.780 to be very well powered,
NOTE Confidence: 0.860531448888889

00:48:22.780 --> 00:48:24.260 is absolutely deadly for early
NOTE Confidence: 0.860531448888889

00:48:24.260 --> 00:48:25.740 stage research because early stage
NOTE Confidence: 0.860531448888889

00:48:25.794 --> 00:48:27.462 research you are taking something that
NOTE Confidence: 0.860531448888889

00:48:27.462 --> 00:48:29.116 nobody has done before and you're
NOTE Confidence: 0.860531448888889

00:48:29.116 --> 00:48:30.586 tweaking it and playing with it.
NOTE Confidence: 0.860531448888889

00:48:30.590 --> 00:48:32.552 And seeing how to make it work and if
NOTE Confidence: 0.860531448888889

00:48:32.552 --> 00:48:34.353 every time you make a tiny change you
NOTE Confidence: 0.860531448888889

00:48:34.353 --> 00:48:36.590 have to run a full powered clinical trial.
NOTE Confidence: 0.860531448888889

00:48:36.590 --> 00:48:38.180 You're not going to be able to look at much.
NOTE Confidence: 0.860531448888889

00:48:38.180 --> 00:48:40.252 You're not going to be able to figure
NOTE Confidence: 0.860531448888889

00:48:40.252 --> 00:48:42.201 out what works and that's the problem
NOTE Confidence: 0.860531448888889

00:48:42.201 --> 00:48:44.461 that we who do early stage intervention
NOTE Confidence: 0.860531448888889

00:48:44.461 --> 00:48:46.511 human intervention research are are
NOTE Confidence: 0.860531448888889

00:48:46.511 --> 00:48:48.680 struggling with at the moment and
NOTE Confidence: 0.860531448888889

00:48:48.680 --> 00:48:50.540 I'm just wondering if there's any

NOTE Confidence: 0.860531448888889
00:48:50.540 --> 00:48:52.699 awareness at NIH in general and NIH
NOTE Confidence: 0.860531448888889
00:48:52.699 --> 00:48:53.895 specifically about this issue.
NOTE Confidence: 0.850845578333333
00:48:54.570 --> 00:48:56.130 Well, I appreciate you raising it,
NOTE Confidence: 0.850845578333333
00:48:56.130 --> 00:48:58.041 and for those of you don't know
NOTE Confidence: 0.850845578333333
00:48:58.041 --> 00:48:59.994 that this issue is even more acute
NOTE Confidence: 0.850845578333333
00:48:59.994 --> 00:49:02.071 in what we might call basic science
NOTE Confidence: 0.850845578333333
00:49:02.071 --> 00:49:04.106 research and engages human beings,
NOTE Confidence: 0.850845578333333
00:49:04.110 --> 00:49:06.990 which is now almost universally being
NOTE Confidence: 0.850845578333333
00:49:06.990 --> 00:49:09.350 considered clinical trial as well.
NOTE Confidence: 0.850845578333333
00:49:09.350 --> 00:49:11.770 So I don't know how easy this is to do,
NOTE Confidence: 0.850845578333333
00:49:11.770 --> 00:49:13.540 but on the basic science side,
NOTE Confidence: 0.850845578333333
00:49:13.540 --> 00:49:15.730 they've gotten around this by
NOTE Confidence: 0.850845578333333
00:49:15.730 --> 00:49:17.482 essentially naming it something
NOTE Confidence: 0.850845578333333
00:49:17.482 --> 00:49:18.842 different at best clinical trial,
NOTE Confidence: 0.850845578333333
00:49:18.842 --> 00:49:20.550 but I forget what that stands for.
NOTE Confidence: 0.850845578333333

00:49:20.550 --> 00:49:23.740 Behavioral something, something and and,
NOTE Confidence: 0.8508455783333333

00:49:23.740 --> 00:49:26.141 and in that setting they've been able
NOTE Confidence: 0.8508455783333333

00:49:26.141 --> 00:49:29.122 to have a little bit more flexibility
NOTE Confidence: 0.8508455783333333

00:49:29.122 --> 00:49:31.930 as the protocols are moving forward.
NOTE Confidence: 0.8508455783333333

00:49:31.930 --> 00:49:33.972 To tell you the truth, it's not us that
NOTE Confidence: 0.8508455783333333

00:49:33.972 --> 00:49:36.340 care about the rigidity of the protocols,
NOTE Confidence: 0.8508455783333333

00:49:36.340 --> 00:49:39.640 although it may seem that way,
NOTE Confidence: 0.8508455783333333

00:49:39.640 --> 00:49:43.040 and universities and more importantly.
NOTE Confidence: 0.8508455783333333

00:49:43.040 --> 00:49:46.176 Irbs may consider it as important to
NOTE Confidence: 0.8508455783333333

00:49:46.176 --> 00:49:48.818 maintain that rigidity for early stage.
NOTE Confidence: 0.8508455783333333

00:49:48.820 --> 00:49:50.740 As for late stage clinical trials,
NOTE Confidence: 0.8508455783333333

00:49:50.740 --> 00:49:53.026 so I don't mean to take the blame away
NOTE Confidence: 0.8508455783333333

00:49:53.026 --> 00:49:55.200 from us, but as far as we're concerned,
NOTE Confidence: 0.8508455783333333

00:49:55.200 --> 00:49:57.360 you can amend that.
NOTE Confidence: 0.8508455783333333

00:49:57.360 --> 00:49:58.440 Clinicaltrials.gov protocol,
NOTE Confidence: 0.8508455783333333

00:49:58.440 --> 00:50:00.000 as often as you want,

NOTE Confidence: 0.850845578333333
00:50:00.000 --> 00:50:02.160 you can trash it and create a new one,
NOTE Confidence: 0.850845578333333
00:50:02.160 --> 00:50:03.688 and you have to post the results saying,
NOTE Confidence: 0.850845578333333
00:50:03.690 --> 00:50:05.589 we, you know we did three people and it
NOTE Confidence: 0.850845578333333
00:50:05.589 --> 00:50:08.859 didn't work, but that would be fine with us.
NOTE Confidence: 0.850845578333333
00:50:08.860 --> 00:50:10.659 You can amend it all you want.
NOTE Confidence: 0.850845578333333
00:50:10.660 --> 00:50:12.706 You can change the protocol as
NOTE Confidence: 0.850845578333333
00:50:12.706 --> 00:50:14.070 much as you want.
NOTE Confidence: 0.850845578333333
00:50:14.070 --> 00:50:16.604 But as long as you reported out,
NOTE Confidence: 0.850845578333333
00:50:16.610 --> 00:50:19.114 that's essentially our requirement.
NOTE Confidence: 0.850845578333333
00:50:19.114 --> 00:50:21.224 But IRB's may not feel the same way.
NOTE Confidence: 0.850845578333333
00:50:21.230 --> 00:50:23.295 And and in the interactions
NOTE Confidence: 0.850845578333333
00:50:23.295 --> 00:50:24.947 between RB's and NIH,
NOTE Confidence: 0.850845578333333
00:50:24.950 --> 00:50:27.366 it also may not appear the same way.
NOTE Confidence: 0.850845578333333
00:50:27.370 --> 00:50:29.290 So I hear your frustration.
NOTE Confidence: 0.850845578333333
00:50:29.290 --> 00:50:30.916 Are we aware of this problem?
NOTE Confidence: 0.850845578333333

00:50:30.920 --> 00:50:31.320 Yes,
NOTE Confidence: 0.8508455783333333

00:50:31.320 --> 00:50:33.720 I discovered in 2016 when I
NOTE Confidence: 0.8508455783333333

00:50:33.720 --> 00:50:36.707 arrived it and I am H that this
NOTE Confidence: 0.8508455783333333

00:50:36.707 --> 00:50:39.179 was a done deal already and and.
NOTE Confidence: 0.8508455783333333

00:50:39.180 --> 00:50:40.680 And about six months later
NOTE Confidence: 0.8508455783333333

00:50:40.680 --> 00:50:41.880 as it was announced,
NOTE Confidence: 0.8508455783333333

00:50:41.880 --> 00:50:43.314 began hearing from all of my
NOTE Confidence: 0.8508455783333333

00:50:43.314 --> 00:50:44.950 colleagues and I have many of them.
NOTE Confidence: 0.8508455783333333

00:50:44.950 --> 00:50:45.978 And neuroscience,
NOTE Confidence: 0.8508455783333333

00:50:45.978 --> 00:50:48.348 who do human behavioral studies that
NOTE Confidence: 0.8508455783333333

00:50:48.348 --> 00:50:50.860 they are now going to have to hear this?
NOTE Confidence: 0.8508455783333333

00:50:50.860 --> 00:50:51.698 Believe me,
NOTE Confidence: 0.8508455783333333

00:50:51.698 --> 00:50:53.793 it was your your concerns
NOTE Confidence: 0.8508455783333333

00:50:53.793 --> 00:50:55.540 were shared by many,
NOTE Confidence: 0.8508455783333333

00:50:55.540 --> 00:50:58.294 but it is beyond too late for that now.
NOTE Confidence: 0.8508455783333333

00:50:58.300 --> 00:51:01.650 So what I would say is that working

NOTE Confidence: 0.850845578333333

00:51:01.650 --> 00:51:03.630 with the administration in here at

NOTE Confidence: 0.850845578333333

00:51:03.630 --> 00:51:06.496 Yale to and the RB in particular to

NOTE Confidence: 0.850845578333333

00:51:06.496 --> 00:51:08.301 recognize the differences between a

NOTE Confidence: 0.850845578333333

00:51:08.368 --> 00:51:10.426 protocol that should not be amended

NOTE Confidence: 0.850845578333333

00:51:10.426 --> 00:51:12.235 to ensure the safety of the research.

NOTE Confidence: 0.850845578333333

00:51:12.235 --> 00:51:12.815 And I should say,

NOTE Confidence: 0.850845578333333

00:51:12.820 --> 00:51:14.200 not just Arabs but data safety

NOTE Confidence: 0.850845578333333

00:51:14.200 --> 00:51:15.120 monitoring boards as well.

NOTE Confidence: 0.850845578333333

00:51:15.120 --> 00:51:16.364 If you have those.

NOTE Confidence: 0.850845578333333

00:51:16.364 --> 00:51:18.230 And those that are early enough

NOTE Confidence: 0.850845578333333

00:51:18.297 --> 00:51:20.257 where it makes sense to amend it

NOTE Confidence: 0.850845578333333

00:51:20.257 --> 00:51:22.159 from time to time is helpful.

NOTE Confidence: 0.850845578333333

00:51:22.160 --> 00:51:22.877 Now I can't.

NOTE Confidence: 0.850845578333333

00:51:22.877 --> 00:51:24.550 I can't ignore the fact that that

NOTE Confidence: 0.850845578333333

00:51:24.610 --> 00:51:25.798 is a tremendous administrative

NOTE Confidence: 0.850845578333333

00:51:25.798 --> 00:51:28.049 burden at times to have to do that,

NOTE Confidence: 0.850845578333333

00:51:28.050 --> 00:51:29.020 but that's probably the best

NOTE Confidence: 0.850845578333333

00:51:29.020 --> 00:51:30.499 that we can do at this point.

NOTE Confidence: 0.850845578333333

00:51:30.500 --> 00:51:33.140 I would encourage you to make

NOTE Confidence: 0.850845578333333

00:51:33.140 --> 00:51:34.460 these problems known,

NOTE Confidence: 0.850845578333333

00:51:34.460 --> 00:51:36.048 not that they're unknown,

NOTE Confidence: 0.850845578333333

00:51:36.048 --> 00:51:37.636 but to Mike Lauer,

NOTE Confidence: 0.850845578333333

00:51:37.640 --> 00:51:39.558 who is at the office of Extramural

NOTE Confidence: 0.850845578333333

00:51:39.558 --> 00:51:40.380 research at NIH,

NOTE Confidence: 0.850845578333333

00:51:40.380 --> 00:51:42.180 as well as to Larry Tabak,

NOTE Confidence: 0.76657484375

00:51:42.180 --> 00:51:43.740 the interim director.

NOTE Confidence: 0.76657484375

00:51:43.740 --> 00:51:46.340 These are people that will.

NOTE Confidence: 0.76657484375

00:51:46.340 --> 00:51:47.565 And it's useful for them

NOTE Confidence: 0.76657484375

00:51:47.565 --> 00:51:48.790 to hear about this stuff,

NOTE Confidence: 0.76657484375

00:51:48.790 --> 00:51:51.408 because all that I can say about

NOTE Confidence: 0.76657484375

00:51:51.408 --> 00:51:53.905 how disruptive this stuff that is

NOTE Confidence: 0.76657484375

00:51:53.905 --> 00:51:56.060 to investigators is less impactful

NOTE Confidence: 0.76657484375

00:51:56.060 --> 00:51:58.640 than if a lot of investigators

NOTE Confidence: 0.76657484375

00:51:58.640 --> 00:52:01.426 were continuing to to declare it.

NOTE Confidence: 0.76657484375

00:52:01.430 --> 00:52:02.930 But I have to tell you,

NOTE Confidence: 0.76657484375

00:52:02.930 --> 00:52:04.410 I have had no success in this area.

NOTE Confidence: 0.89063267625

00:52:05.690 --> 00:52:07.266 Well, I'm I'm really glad to hear that.

NOTE Confidence: 0.89063267625

00:52:07.270 --> 00:52:10.699 There's awareness and.

NOTE Confidence: 0.89063267625

00:52:10.700 --> 00:52:12.968 I think to me the heart of the problem

NOTE Confidence: 0.89063267625

00:52:12.968 --> 00:52:15.380 is partially the power focus as well.

NOTE Confidence: 0.89063267625

00:52:15.380 --> 00:52:17.440 Putting people in these trials

NOTE Confidence: 0.89063267625

00:52:17.440 --> 00:52:19.500 where you have to report,

NOTE Confidence: 0.89063267625

00:52:19.500 --> 00:52:20.775 you know whether you're hitting

NOTE Confidence: 0.89063267625

00:52:20.775 --> 00:52:21.795 targets every three months.

NOTE Confidence: 0.89063267625

00:52:21.800 --> 00:52:23.720 When you're doing early stage clinical

NOTE Confidence: 0.89063267625

00:52:23.720 --> 00:52:25.245 research and something weird has

NOTE Confidence: 0.89063267625

00:52:25.245 --> 00:52:27.009 come up and you want to spend time to

NOTE Confidence: 0.89063267625

00:52:27.056 --> 00:52:29.136 figure out what it is and you have to

NOTE Confidence: 0.89063267625

00:52:29.136 --> 00:52:30.750 just move forward and keep recruiting

NOTE Confidence: 0.89063267625

00:52:30.804 --> 00:52:32.376 people and do whatever you can.

NOTE Confidence: 0.89063267625

00:52:32.380 --> 00:52:34.128 It's it's incredible waste,

NOTE Confidence: 0.697020488

00:52:34.480 --> 00:52:36.148 so I think that's that's a

NOTE Confidence: 0.697020488

00:52:36.148 --> 00:52:37.260 discussion that's worth having.

NOTE Confidence: 0.697020488

00:52:37.260 --> 00:52:38.975 If you're talking about NIMH

NOTE Confidence: 0.697020488

00:52:38.975 --> 00:52:40.690 with your NIH program officer.

NOTE Confidence: 0.697020488

00:52:40.690 --> 00:52:45.135 And if you feel like they're not

NOTE Confidence: 0.697020488

00:52:45.135 --> 00:52:47.038 understanding the the different

NOTE Confidence: 0.697020488

00:52:47.038 --> 00:52:49.236 focus that you have in your work

NOTE Confidence: 0.697020488

00:52:49.236 --> 00:52:50.909 compared to a more traditional

NOTE Confidence: 0.697020488

00:52:50.909 --> 00:52:52.529 or late stage clinical trial,

NOTE Confidence: 0.697020488

00:52:52.530 --> 00:52:55.365 let me know and I'll go over with them.

NOTE Confidence: 0.697020488

00:52:55.370 --> 00:52:58.230 Great, thank you.

NOTE Confidence: 0.697020488

00:52:58.230 --> 00:52:59.185 I should be looking over

NOTE Confidence: 0.697020488

00:52:59.185 --> 00:52:59.949 there right now here.

NOTE Confidence: 0.895884451538462

00:53:02.330 --> 00:53:03.190 Thank you Doctor Gordon.

NOTE Confidence: 0.895884451538462

00:53:03.190 --> 00:53:04.942 I know that you were really limited in

NOTE Confidence: 0.895884451538462

00:53:04.942 --> 00:53:06.320 time as to what you could talk about,

NOTE Confidence: 0.895884451538462

00:53:06.320 --> 00:53:07.918 but I wanted to follow up with

NOTE Confidence: 0.895884451538462

00:53:07.918 --> 00:53:08.890 Michelle's question moving

NOTE Confidence: 0.895884451538462

00:53:08.890 --> 00:53:11.770 even earlier in the research

NOTE Confidence: 0.895884451538462

00:53:11.770 --> 00:53:13.715 timeline to Preclinical Research.

NOTE Confidence: 0.895884451538462

00:53:13.715 --> 00:53:16.438 Could you spend the last minute or

NOTE Confidence: 0.895884451538462

00:53:16.438 --> 00:53:19.765 so telling us what NMHC's as you

NOTE Confidence: 0.895884451538462

00:53:19.765 --> 00:53:22.000 know how Preclinical Research will

NOTE Confidence: 0.9041894475

00:53:22.010 --> 00:53:24.570 move the field forward?

NOTE Confidence: 0.9041894475

00:53:24.570 --> 00:53:26.910 Well boy, I can't do that in a minute.

NOTE Confidence: 0.9041894475

00:53:26.910 --> 00:53:28.506 I could do it in 10 hours, maybe no.

NOTE Confidence: 0.9041894475

00:53:28.506 --> 00:53:31.064 I think there's some real let me let me
NOTE Confidence: 0.9041894475

00:53:31.064 --> 00:53:33.240 focus on the the longer term since you
NOTE Confidence: 0.9041894475

00:53:33.240 --> 00:53:35.805 you you asked me to Preclinical Research,
NOTE Confidence: 0.9041894475

00:53:35.810 --> 00:53:38.414 I think it's crucial that we continue
NOTE Confidence: 0.9041894475

00:53:38.414 --> 00:53:40.904 to focus on basic neuroscience
NOTE Confidence: 0.9041894475

00:53:40.904 --> 00:53:43.488 on understanding brain behavior,
NOTE Confidence: 0.9041894475

00:53:43.490 --> 00:53:45.346 relationships on mapping genetics
NOTE Confidence: 0.9041894475

00:53:45.346 --> 00:53:47.666 and molecular biology onto those
NOTE Confidence: 0.9041894475

00:53:47.666 --> 00:53:49.930 bringing brain behavior relationships
NOTE Confidence: 0.9041894475

00:53:49.930 --> 00:53:51.598 in order to create the transformative
NOTE Confidence: 0.9041894475

00:53:51.598 --> 00:53:52.710 treatments in the future.
NOTE Confidence: 0.9041894475

00:53:52.710 --> 00:53:53.898 We're talking about long,
NOTE Confidence: 0.9041894475

00:53:53.898 --> 00:53:54.789 long term payoff.
NOTE Confidence: 0.9041894475

00:53:54.790 --> 00:53:56.626 Right, and there's been a lot
NOTE Confidence: 0.9041894475

00:53:56.626 --> 00:53:58.519 of argument in actually even in
NOTE Confidence: 0.9041894475

00:53:58.519 --> 00:54:00.325 the popular Press of late about

NOTE Confidence: 0.9041894475

00:54:00.325 --> 00:54:02.094 our relative investments in near

NOTE Confidence: 0.9041894475

00:54:02.094 --> 00:54:03.939 term versus long term research,

NOTE Confidence: 0.9041894475

00:54:03.940 --> 00:54:05.740 which is frankly something close

NOTE Confidence: 0.9041894475

00:54:05.740 --> 00:54:07.738 to 5050 right now by my definition.

NOTE Confidence: 0.9041894475

00:54:07.740 --> 00:54:09.300 But by Fuller Tories definition,

NOTE Confidence: 0.9041894475

00:54:09.300 --> 00:54:10.092 we're like 1090,

NOTE Confidence: 0.9041894475

00:54:10.092 --> 00:54:11.940 I think I'm righter than he is,

NOTE Confidence: 0.9041894475

00:54:11.940 --> 00:54:13.615 but I'll let everyone judge

NOTE Confidence: 0.9041894475

00:54:13.615 --> 00:54:14.955 on themselves by themselves.

NOTE Confidence: 0.9041894475

00:54:14.960 --> 00:54:16.836 But in any case, the you know,

NOTE Confidence: 0.9041894475

00:54:16.840 --> 00:54:18.658 the the the argument goes that

NOTE Confidence: 0.9041894475

00:54:18.658 --> 00:54:20.809 we haven't seen any benefit from

NOTE Confidence: 0.9041894475

00:54:20.809 --> 00:54:22.120 basic science research.

NOTE Confidence: 0.9041894475

00:54:22.120 --> 00:54:23.872 But if you look at what basic science

NOTE Confidence: 0.9041894475

00:54:23.872 --> 00:54:25.698 research is in the mental health research.

NOTE Confidence: 0.9041894475

00:54:25.700 --> 00:54:27.570 Field how old is it?
NOTE Confidence: 0.9041894475

00:54:27.570 --> 00:54:28.332 I mean, yeah.
NOTE Confidence: 0.9041894475

00:54:28.332 --> 00:54:28.586 OK,
NOTE Confidence: 0.9041894475

00:54:28.586 --> 00:54:30.590 so Hodgkin Huxley is quite old already,
NOTE Confidence: 0.9041894475

00:54:30.590 --> 00:54:32.326 but if with a focus on the
NOTE Confidence: 0.9041894475

00:54:32.326 --> 00:54:33.385 neuroscience of mental illness
NOTE Confidence: 0.9041894475

00:54:33.385 --> 00:54:34.945 per se or on mental illness,
NOTE Confidence: 0.9041894475

00:54:34.950 --> 00:54:35.886 relative symptoms,
NOTE Confidence: 0.9041894475

00:54:35.886 --> 00:54:38.226 we're talking thirty 4050 years.
NOTE Confidence: 0.9041894475

00:54:38.230 --> 00:54:40.579 So how long did it take cancer to pay
NOTE Confidence: 0.9041894475

00:54:40.579 --> 00:54:42.544 off from basic science investigations
NOTE Confidence: 0.9041894475

00:54:42.544 --> 00:54:44.992 of cell biology and cell cycle
NOTE Confidence: 0.9041894475

00:54:45.063 --> 00:54:47.310 biology to novel cancer therapeutics?
NOTE Confidence: 0.9041894475

00:54:47.310 --> 00:54:49.110 Probably about 50 years.
NOTE Confidence: 0.9041894475

00:54:49.110 --> 00:54:50.182 Have you asked historians?
NOTE Confidence: 0.9041894475

00:54:50.182 --> 00:54:52.170 Well, we're starting to see the

NOTE Confidence: 0.9041894475

00:54:52.170 --> 00:54:53.546 payoff from early investigations,

NOTE Confidence: 0.9041894475

00:54:53.550 --> 00:54:54.060 so right?

NOTE Confidence: 0.9041894475

00:54:54.060 --> 00:54:55.845 One of the earliest things that animation.

NOTE Confidence: 0.9041894475

00:54:55.850 --> 00:54:58.280 Tested in was neurotransmitters and

NOTE Confidence: 0.9041894475

00:54:58.280 --> 00:55:00.224 in novel neurotransmitters like

NOTE Confidence: 0.9041894475

00:55:00.224 --> 00:55:02.457 neurosteroids and now we have brexanolone.

NOTE Confidence: 0.9041894475

00:55:02.460 --> 00:55:04.644 And yeah it took 50 years to get

NOTE Confidence: 0.9041894475

00:55:04.644 --> 00:55:05.891 brexanolone brexanolone from the

NOTE Confidence: 0.9041894475

00:55:05.891 --> 00:55:07.501 part where we started looking

NOTE Confidence: 0.9041894475

00:55:07.501 --> 00:55:08.751 at neurosteroid anesthetics and

NOTE Confidence: 0.9041894475

00:55:08.751 --> 00:55:10.354 asking what their role is in mood

NOTE Confidence: 0.9041894475

00:55:10.354 --> 00:55:11.246 and other complex behaviors.

NOTE Confidence: 0.9041894475

00:55:11.246 --> 00:55:13.195 But now we have a new drug and I'm

NOTE Confidence: 0.9041894475

00:55:13.195 --> 00:55:14.395 not saying we're going to have

NOTE Confidence: 0.9041894475

00:55:14.395 --> 00:55:15.839 new drugs a year after year after

NOTE Confidence: 0.9041894475

00:55:15.839 --> 00:55:17.297 year that come out in or biology.
NOTE Confidence: 0.9041894475

00:55:17.297 --> 00:55:19.353 But I am saying that if we stop
NOTE Confidence: 0.9041894475

00:55:19.353 --> 00:55:21.180 now we are really stupid, right?
NOTE Confidence: 0.9041894475

00:55:21.180 --> 00:55:23.140 So we need to continue those investments.
NOTE Confidence: 0.9041894475

00:55:23.140 --> 00:55:24.550 I could be more specific about
NOTE Confidence: 0.9041894475

00:55:24.550 --> 00:55:26.279 what sort of near on the horizon.
NOTE Confidence: 0.9041894475

00:55:26.280 --> 00:55:27.936 That that that's that's a good
NOTE Confidence: 0.9041894475

00:55:27.936 --> 00:55:28.488 starting place.
NOTE Confidence: 0.80459293

00:55:30.160 --> 00:55:31.994 I like that you highlighted a treatment
NOTE Confidence: 0.80459293

00:55:31.994 --> 00:55:33.228 for postpartum depression with your
NOTE Confidence: 0.80459293

00:55:33.228 --> 00:55:34.650 father and your final comments,
NOTE Confidence: 0.761870235

00:55:35.120 --> 00:55:35.960 so I'll just pass
NOTE Confidence: 0.917177035

00:55:35.970 --> 00:55:37.086 it over to my Co chair
NOTE Confidence: 0.885857284

00:55:37.100 --> 00:55:40.170 for a final comments reflections.
NOTE Confidence: 0.885857284

00:55:40.170 --> 00:55:41.890 Doctor Gordon, thank you so much.
NOTE Confidence: 0.885857284

00:55:41.890 --> 00:55:43.465 Your last comment about Brickset alone

NOTE Confidence: 0.885857284

00:55:43.465 --> 00:55:45.630 make makes me think, and also Amanda,

NOTE Confidence: 0.885857284

00:55:45.630 --> 00:55:46.956 that someone a big scientist

NOTE Confidence: 0.885857284

00:55:46.956 --> 00:55:48.810 was asked something like this.

NOTE Confidence: 0.885857284

00:55:48.810 --> 00:55:49.938 What does big bricks and alone

NOTE Confidence: 0.885857284

00:55:49.938 --> 00:55:51.453 in 50 years and they said, well,

NOTE Confidence: 0.885857284

00:55:51.453 --> 00:55:53.410 what good is a baby, right?

NOTE Confidence: 0.885857284

00:55:53.410 --> 00:55:54.538 Babies take a long time to

NOTE Confidence: 0.7449052733333333

00:55:54.550 --> 00:55:55.322 develop, but you know,

NOTE Confidence: 0.7449052733333333

00:55:55.322 --> 00:55:57.600 we say, what does a baby and

NOTE Confidence: 0.9046310833333333

00:55:57.610 --> 00:55:58.636 and I wanted to end on

NOTE Confidence: 0.83842358

00:55:58.650 --> 00:55:59.858 a personal note. Unfortunately,

NOTE Confidence: 0.74330389

00:55:59.870 --> 00:56:02.830 Phyllis Cohen is muted and Full disclosure,

NOTE Confidence: 0.74330389

00:56:02.830 --> 00:56:04.450 I'm Donald Cohen son-in-law.

NOTE Confidence: 0.74330389

00:56:04.450 --> 00:56:06.273 So Phyllis is my mother-in-law and

NOTE Confidence: 0.74330389

00:56:06.273 --> 00:56:07.862 I just want to say on behalf of

NOTE Confidence: 0.74330389

00:56:07.862 --> 00:56:09.918 the family, how honored we are.

NOTE Confidence: 0.844248786

00:56:10.200 --> 00:56:11.976 We're here in the Donald Cohen

NOTE Confidence: 0.844248786

00:56:11.976 --> 00:56:13.685 auditorium and you really, we're very

NOTE Confidence: 0.844248786

00:56:13.685 --> 00:56:15.116 grateful for all that you're doing,

NOTE Confidence: 0.844248786

00:56:15.116 --> 00:56:16.476 and we're very honored that

NOTE Confidence: 0.844248786

00:56:16.476 --> 00:56:18.780 you're our Donald Cohen speaker,

NOTE Confidence: 0.844248786

00:56:18.780 --> 00:56:20.084 and I think that the last, last,

NOTE Confidence: 0.844248786

00:56:20.084 --> 00:56:21.450 last, last word goes to my boss

NOTE Confidence: 0.844248786

00:56:21.450 --> 00:56:24.109 and our chair, Linda Mays.

NOTE Confidence: 0.844248786

00:56:24.110 --> 00:56:24.550 So, Doctor

NOTE Confidence: 0.860905805

00:56:24.560 --> 00:56:26.264 Gordon, we're just so grateful to have you.

NOTE Confidence: 0.860905805

00:56:26.270 --> 00:56:28.363 And please don't let this be your

NOTE Confidence: 0.860905805

00:56:28.363 --> 00:56:30.797 only visit to the Child Study Center.

NOTE Confidence: 0.860905805

00:56:30.800 --> 00:56:32.445 We're very glad that it's your first,

NOTE Confidence: 0.860905805

00:56:32.450 --> 00:56:33.926 but thank you for all your

NOTE Confidence: 0.860905805

00:56:33.926 --> 00:56:35.270 support for children and families.

NOTE Confidence: 0.860905805

00:56:35.270 --> 00:56:36.365 Well, thanks for having me.

NOTE Confidence: 0.860905805

00:56:36.365 --> 00:56:37.670 And thanks for all the work you do.

NOTE Confidence: 0.860905805

00:56:37.670 --> 00:56:38.835 And for coming here and

NOTE Confidence: 0.860905805

00:56:38.835 --> 00:56:39.534 asking great questions.