WEBVTT

NOTE duration:"00:57:32.1300000"

NOTE language:en-us

NOTE Confidence: 0.81196797

00:00:00.000 --> 00:00:02.632 Today, let me tell you what we

NOTE Confidence: 0.81196797

00:00:02.632 --> 00:00:05.049 have in store for next week.

NOTE Confidence: 0.81196797

00:00:05.050 --> 00:00:07.738 Another one that I'm very excited about.

NOTE Confidence: 0.81196797

00:00:07.740 --> 00:00:11.534 Next week we're going to have our

NOTE Confidence: 0.81196797

00:00:11.534 --> 00:00:13.930 next compassionate care routes.

NOTE Confidence: 0.81196797

00:00:13.930 --> 00:00:16.289 And we're going to be talking about.

NOTE Confidence: 0.81196797

00:00:16.290 --> 00:00:19.314 I don't have the title in front of me,

NOTE Confidence: 0.81196797

00:00:19.320 --> 00:00:22.253 just coined it, but I think it

NOTE Confidence: 0.81196797

00:00:22.253 --> 00:00:24.660 goes something along the lines of.

NOTE Confidence: 0.81196797

00:00:24.660 --> 00:00:26.590 Actually, do you have that

NOTE Confidence: 0.81196797

00:00:26.590 --> 00:00:28.520 the title on hand row?

NOTE Confidence: 0.7964305

00:00:31.840 --> 00:00:33.058 While Roe looks for the title,

NOTE Confidence: 0.7964305

00:00:33.060 --> 00:00:34.836 I can tell you that it's going to

NOTE Confidence: 0.7964305

00:00:34.836 --> 00:00:36.716 be about the work that we're doing.

1

NOTE Confidence: 0.7964305

00:00:36.720 --> 00:00:39.360 On eating disorders up on the on the

NOTE Confidence: 0.7964305

00:00:39.360 --> 00:00:41.532 pediatric floors where we have been

NOTE Confidence: 0.7964305

00:00:41.532 --> 00:00:43.337 absolutely overwhelmed by the number

NOTE Confidence: 0.7964305

00:00:43.337 --> 00:00:45.947 of such presentations we usually have,

NOTE Confidence: 0.7964305

00:00:45.950 --> 00:00:48.894 you know one or two every so often.

NOTE Confidence: 0.7964305

00:00:48.900 --> 00:00:50.740 But as you will hear,

NOTE Confidence: 0.7964305

00:00:50.740 --> 00:00:52.960 we've been literally flooded and overwhelmed,

NOTE Confidence: 0.7964305

00:00:52.960 --> 00:00:55.174 and we're trying to make sense

NOTE Confidence: 0.7964305

00:00:55.174 --> 00:00:56.650 of what that is,

NOTE Confidence: 0.7964305

00:00:56.650 --> 00:00:59.051 and so we're going to have a

NOTE Confidence: 0.7964305

00:00:59.051 --> 00:01:00.518 compassionate care rounds with

NOTE Confidence: 0.7964305

00:01:00.518 --> 00:01:02.388 the clinicians from all stripes

NOTE Confidence: 0.7964305

00:01:02.388 --> 00:01:04.400 of clinicians who have worked,

NOTE Confidence: 0.7964305

00:01:04.400 --> 00:01:07.424 we're going to talk about a specific case.

NOTE Confidence: 0.7964305

00:01:07.430 --> 00:01:10.020 But more broadly about what this means,

NOTE Confidence: 0.7964305

00:01:10.020 --> 00:01:11.130 so it's going

00:01:11.130 --> 00:01:12.610 to be very special,

00:01:12.610 --> 00:01:14.830 and the title is too little.

00:01:14.830 --> 00:01:16.118 Eating too many cases,

00:01:16.118 --> 00:01:17.084 microdroplets of trust

00:01:17.084 --> 00:01:18.050 toward national rehabilitate

00:01:18.095 --> 00:01:19.269 nutritional rehabilitation.

00:01:20.180 --> 00:01:23.228 Yeah, can you say it one

00:01:23.230 --> 00:01:24.751 more time slowly?

00:01:24.751 --> 00:01:26.779 I'm Mr too little.

00:01:26.780 --> 00:01:28.812 Eating too many cases.

00:01:28.812 --> 00:01:30.336 Microdroplets of trust?

00:01:30.340 --> 00:01:31.858 Tord nutritional rehabilitation.

00:01:32.820 --> 00:01:34.520 And there you have it,

00:01:34.520 --> 00:01:36.900 and we're going to thank you, Rob.

00:01:36.900 --> 00:01:39.280 And we're going to have a real,

NOTE Confidence: 0.8458875

00:01:39.280 --> 00:01:40.980 wonderful multidisciplinary cast for that.

NOTE Confidence: 0.8458875

00:01:40.980 --> 00:01:42.644 So, so that's next week.

NOTE Confidence: 0.8458875

00:01:42.644 --> 00:01:44.772 But this week, you know I wanted

NOTE Confidence: 0.8458875

00:01:44.772 --> 00:01:46.760 to introduce our wonderful speaker,

NOTE Confidence: 0.8458875

00:01:46.760 --> 00:01:48.800 but Rob Liberal, just like ARM,

NOTE Confidence: 0.8458875

00:01:48.800 --> 00:01:50.840 wrestled me, tackled me in fact,

NOTE Confidence: 0.8458875

00:01:50.840 --> 00:01:53.560 and he said, no, you're not doing it.

NOTE Confidence: 0.8458875

00:01:53.560 --> 00:01:54.580 I'm doing it.

NOTE Confidence: 0.8458875

00:01:54.580 --> 00:01:56.280 So I said, OK Liberal,

NOTE Confidence: 0.8458875

00:01:56.280 --> 00:01:58.660 if that's how you wanna do it.

NOTE Confidence: 0.8458875

00:01:58.660 --> 00:02:00.360 But you know, kidding aside,

NOTE Confidence: 0.8458875

00:02:00.360 --> 00:02:02.658 I am so grateful to Rob.

NOTE Confidence: 0.8458875

00:02:02.660 --> 00:02:05.484 Who who really has just like I was

NOTE Confidence: 0.8458875

00:02:05.484 --> 00:02:08.342 telling that Carol has been our paragon

NOTE Confidence: 0.8458875

00:02:08.342 --> 00:02:11.389 of timeliness and and always being there,

NOTE Confidence: 0.8458875

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00:02:11.390 --> 00:02:13.846 I would say that Rob has been our

NOTE Confidence: 0.8458875

00:02:13.846 --> 00:02:16.559 paragon of identifying important topics.

NOTE Confidence: 0.8458875

00:02:16.560 --> 00:02:18.332 Wonderful speakers today is

NOTE Confidence: 0.8458875

00:02:18.332 --> 00:02:20.547 the second of three wonderful

NOTE Confidence: 0.8458875

00:02:20.547 --> 00:02:23.071 speakers the the first one that we

NOTE Confidence: 0.8458875

00:02:23.071 --> 00:02:24.890 had with Reverend Amanda right.

NOTE Confidence: 0.8458875

00:02:24.890 --> 00:02:28.860 I'm still seeing it in my in my mind's eye.

NOTE Confidence: 0.8458875

00:02:28.860 --> 00:02:30.955 It was an incredible talk

NOTE Confidence: 0.8458875

00:02:30.955 --> 00:02:33.050 and today by Charles he.

NOTE Confidence: 0.8458875

00:02:33.050 --> 00:02:35.970 Permitted me to call him Charles, not doctor.

NOTE Confidence: 0.8458875

00:02:35.970 --> 00:02:38.160 Centeio will not be an exception.

NOTE Confidence: 0.8458875

00:02:38.160 --> 00:02:40.568 We're in for a real treat and I

NOTE Confidence: 0.8458875

00:02:40.568 --> 00:02:43.351 will let my good friend rob the

NOTE Confidence: 0.8458875

00:02:43.351 --> 00:02:45.456 master of making this connection.

NOTE Confidence: 0.8458875

00:02:45.460 --> 00:02:48.015 Tell us about Doctor sent a place.

NOTE Confidence: 0.8458875

00:02:48.020 --> 00:02:48.380 Rob

00:02:48.380 --> 00:02:50.020 thank you. Doctor Martin.

00:02:50.020 --> 00:02:53.289 The Yale Child Study Center is a very

00:02:53.289 --> 00:02:55.485 special place I know this because

00:02:55.485 --> 00:02:58.050 last week Doctor Martin and Doctor

00:02:58.050 --> 00:03:00.684 Fernandez helped us bear witness to

00:03:00.690 --> 00:03:02.934 that rich and fruitful tradition of

00:03:02.934 --> 00:03:05.400 making the world a better place.

00:03:05.400 --> 00:03:08.136 By honoring the legacy of our

00:03:08.136 --> 00:03:10.570 dear and beloved Doctor Cohen.

00:03:10.570 --> 00:03:13.986 Who through a series of lectures honored him.

00:03:13.990 --> 00:03:17.343 And today it is my privilege to

00:03:17.343 --> 00:03:20.594 introduce a very special person in

00:03:20.594 --> 00:03:24.008 this very special virtual place who

00:03:24.008 --> 00:03:27.756 has 1 foot in academia and the other

00:03:27.756 --> 00:03:31.092 foot on the ground in the community,

00:03:31.092 --> 00:03:34.110 making the world a better place.

NOTE Confidence: 0.852635245333333

00:03:34.110 --> 00:03:38.126 And his name is the doctor Charles Centrio.

NOTE Confidence: 0.852635245333333

00:03:38.130 --> 00:03:41.778 Today, Doctor Santio was shared with us a

NOTE Confidence: 0.852635245333333

00:03:41.778 --> 00:03:44.899 lecture entitled understanding and reducing.

NOTE Confidence: 0.852635245333333

00:03:44.900 --> 00:03:47.660 Racial inequality for COVID-19 vaccination.

NOTE Confidence: 0.852635245333333

00:03:47.660 --> 00:03:50.210 Doctor Sentio is an assistant

NOTE Confidence: 0.852635245333333

00:03:50.210 --> 00:03:53.430 professor at the Rutgers School of

NOTE Confidence: 0.852635245333333

00:03:53.430 --> 00:03:55.770 Communication and Information in

NOTE Confidence: 0.852635245333333

00:03:55.770 --> 00:03:58.695 the Department of Library Science.

NOTE Confidence: 0.852635245333333

00:03:58.700 --> 00:04:03.916 He is also currently the Martin Luther King.

NOTE Confidence: 0.852635245333333

00:04:03.920 --> 00:04:06.975 Visiting professor and scholar at

NOTE Confidence: 0.852635245333333

00:04:06.975 --> 00:04:09.419 Massachusetts Institute of Technology.

NOTE Confidence: 0.852635245333333

00:04:09.420 --> 00:04:12.846 His research focuses on improving chronic

NOTE Confidence: 0.852635245333333

00:04:12.846 --> 00:04:16.140 disease outcomes for underserved populations.

NOTE Confidence: 0.852635245333333

00:04:16.140 --> 00:04:19.165 He is particularly interested in

NOTE Confidence: 0.852635245333333

00:04:19.165 --> 00:04:21.585 using both existing technology

00:04:21.585 --> 00:04:24.689 such as smartphones and tablets,

00:04:24.690 --> 00:04:28.206 and emerging technologies such as machine

00:04:28.206 --> 00:04:31.420 learning to improve health outcomes.

00:04:31.420 --> 00:04:33.340 He earned his PhD.

00:04:33.340 --> 00:04:36.733 In health informatics from the University of

00:04:36.733 --> 00:04:40.149 Michigan and while in pursuit of that degree,

00:04:40.150 --> 00:04:42.730 he also earned a master's degree

00:04:42.730 --> 00:04:45.700 in social work from University of.

00:04:45.700 --> 00:04:47.830 Michigan and later acquired a

00:04:47.830 --> 00:04:51.740 clinical license and social work.

00:04:51.740 --> 00:04:56.190 He also received an MBA from U of M Ann.

00:04:56.190 --> 00:04:57.336 Prior to that,

00:04:57.336 --> 00:05:00.010 a BA in mathematics and computer science

00:05:00.087 --> 00:05:02.867 at Central Connecticut State University.

00:05:02.870 --> 00:05:05.090 Clearly Doctor Santio is a

00:05:05.090 --> 00:05:05.978 musical intellectual.

NOTE Confidence: 0.852635245333333

00:05:05.980 --> 00:05:08.696 He has an incredible gift to be

NOTE Confidence: 0.852635245333333

00:05:08.696 --> 00:05:10.956 able to synthesize and assimilate

NOTE Confidence: 0.852635245333333

00:05:10.956 --> 00:05:13.986 diverse bodies of knowledge in novel,

NOTE Confidence: 0.852635245333333

00:05:13.990 --> 00:05:15.738 tangible and meaningful ways.

NOTE Confidence: 0.852635245333333

00:05:15.738 --> 00:05:18.893 He is the author of numerous articles

NOTE Confidence: 0.852635245333333

00:05:18.893 --> 00:05:21.605 and currently has a book chapter.

NOTE Confidence: 0.852635245333333

00:05:21.610 --> 00:05:24.220 Under review in their Rutlidge Handbook

NOTE Confidence: 0.852635245333333

00:05:24.220 --> 00:05:27.444 of Health Communication on the topic of

NOTE Confidence: 0.852635245333333

00:05:27.444 --> 00:05:29.328 community based health interventions.

NOTE Confidence: 0.852635245333333

00:05:29.330 --> 00:05:31.600 Will you please help me?

NOTE Confidence: 0.852635245333333

00:05:31.600 --> 00:05:33.870 Welcome Doctor Charlson TL to

NOTE Confidence: 0.852635245333333

00:05:33.870 --> 00:05:36.140 the Yale Child Study Center.

NOTE Confidence: 0.8517073

00:05:38.630 --> 00:05:40.620 Thank you, thank you so much,

NOTE Confidence: 0.8517073

00:05:40.620 --> 00:05:41.610 I appreciate it.

NOTE Confidence: 0.8517073

00:05:41.610 --> 00:05:43.260 Thanks for the warm introduction.

NOTE Confidence: 0.8517073

00:05:43.260 --> 00:05:44.920 Both Rosemary and Razan Rob,

NOTE Confidence: 0.8517073

00:05:44.920 --> 00:05:46.084 I certainly appreciate it.

NOTE Confidence: 0.8517073

00:05:46.084 --> 00:05:48.560 Thank you also for the an opportunity,

NOTE Confidence: 0.8517073

00:05:48.560 --> 00:05:51.045 at least virtually any way to return

NOTE Confidence: 0.8517073

00:05:51.045 --> 00:05:53.187 home to Connecticut where I grew up,

NOTE Confidence: 0.8517073

00:05:53.190 --> 00:05:54.954 I was born in Hartford and I

NOTE Confidence: 0.8517073

00:05:54.954 --> 00:05:56.623 grew up in Manchester before

NOTE Confidence: 0.8517073

00:05:56.623 --> 00:05:59.149 venturing off to two other places.

NOTE Confidence: 0.8517073

00:05:59.150 --> 00:06:00.162 So thank you again.

NOTE Confidence: 0.8517073

00:06:00.162 --> 00:06:02.547 I'd like to start the talk by just

NOTE Confidence: 0.8517073

00:06:02.547 --> 00:06:04.155 grounding our understanding or

NOTE Confidence: 0.8517073

00:06:04.155 --> 00:06:05.763 developing a common understanding,

NOTE Confidence: 0.8517073

00:06:05.770 --> 00:06:08.884 as I like to say for what health informatics.

NOTE Confidence: 0.8517073

00:06:08.890 --> 00:06:11.816 Is there are various definitions out there?

NOTE Confidence: 0.8517073

00:06:11.820 --> 00:06:14.238 This is 1 by Chuck Friedman

NOTE Confidence: 0.8517073

00:06:14.238 --> 00:06:16.787 who's a professor that I had

NOTE Confidence: 0.8517073

00:06:16.787 --> 00:06:18.917 at Michigan very commonly used.

NOTE Confidence: 0.8517073

00:06:18.920 --> 00:06:19.600 So basically,

NOTE Confidence: 0.8517073

00:06:19.600 --> 00:06:21.300 by definition it's important to

NOTE Confidence: 0.8517073

00:06:21.300 --> 00:06:22.970 understand that health informatics

NOTE Confidence: 0.8517073

00:06:22.970 --> 00:06:24.770 is definitionally interdisciplinary,

NOTE Confidence: 0.8517073

00:06:24.770 --> 00:06:27.182 and what it really involves are

NOTE Confidence: 0.8517073

00:06:27.182 --> 00:06:28.790 science domains or traditionally

NOTE Confidence: 0.8517073

00:06:28.862 --> 00:06:31.550 kind of science domains as well as

NOTE Confidence: 0.8517073

00:06:31.550 --> 00:06:33.230 application domains coming together

NOTE Confidence: 0.8517073

00:06:33.230 --> 00:06:35.550 to support scientific inquiry and

NOTE Confidence: 0.8517073

00:06:35.550 --> 00:06:38.570 problem solving, and that is about it.

NOTE Confidence: 0.8517073

00:06:38.570 --> 00:06:40.274 So science domains include

NOTE Confidence: 0.8517073

00:06:40.274 --> 00:06:42.830 information science where I come from.

NOTE Confidence: 0.8517073

00:06:42.830 --> 00:06:45.578 In terms of my doctoral training,

NOTE Confidence: 0.8517073

00:06:45.580 --> 00:06:46.456 computer science,

NOTE Confidence: 0.8517073

00:06:46.456 --> 00:06:48.646 where my undergraduate training was

NOTE Confidence: 0.8517073

00:06:48.646 --> 00:06:51.529 in along with various other sciences,

NOTE Confidence: 0.8517073

00:06:51.530 --> 00:06:52.904 cognitive science, communication,

NOTE Confidence: 0.8517073

00:06:52.904 --> 00:06:54.278 science, organizational science,

NOTE Confidence: 0.8517073

00:06:54.280 --> 00:06:55.196 decision sciences,

NOTE Confidence: 0.8517073

00:06:55.196 --> 00:06:57.486 and then application domains health.

NOTE Confidence: 0.8517073

00:06:57.490 --> 00:06:59.318 Obviously for this population

NOTE Confidence: 0.8517073

00:06:59.318 --> 00:07:00.689 includes community health,

NOTE Confidence: 0.8517073

00:07:00.690 --> 00:07:02.064 Health Communication, health,

NOTE Confidence: 0.8517073

00:07:02.064 --> 00:07:03.896 behavior, clinical care delivery,

NOTE Confidence: 0.8517073

00:07:03.900 --> 00:07:07.099 bio medical informatics or bio medical study,

NOTE Confidence: 0.8517073

00:07:07.100 --> 00:07:10.764 as well as social work and public health.

NOTE Confidence: 0.8517073

00:07:10.770 --> 00:07:14.538 And I picked these domains because my works.

NOTE Confidence: 0.8517073

00:07:14.540 --> 00:07:17.249 Tends to touch each of these areas,

NOTE Confidence: 0.8517073

00:07:17.250 --> 00:07:18.940 so combining the application domain

NOTE Confidence: 0.8517073

12

00:07:18.940 --> 00:07:21.166 and the science you get domain

NOTE Confidence: 0.8517073

00:07:21.166 --> 00:07:23.046 informatics so health informatics,

NOTE Confidence: 0.8517073

00:07:23.050 --> 00:07:23.800 biomedical informatics.

NOTE Confidence: 0.8517073

00:07:23.800 --> 00:07:26.800 So that's just a way for you to

NOTE Confidence: 0.8517073

00:07:26.876 --> 00:07:29.210 sort of decyfer when you hear

NOTE Confidence: 0.8517073

00:07:29.210 --> 00:07:31.180 health informatics and that term,

NOTE Confidence: 0.8517073

00:07:31.180 --> 00:07:33.496 this is the generally accepted definition,

NOTE Confidence: 0.8517073

00:07:33.500 --> 00:07:35.880 but the bottom line is that people

NOTE Confidence: 0.8517073

00:07:35.880 --> 00:07:38.528 are the users of health information,

NOTE Confidence: 0.8517073

00:07:38.530 --> 00:07:39.895 so health informatics,

NOTE Confidence: 0.8517073

00:07:39.895 --> 00:07:43.080 no matter where you are in terms

NOTE Confidence: 0.8517073

00:07:43.163 --> 00:07:45.803 of the type of work that you do.

NOTE Confidence: 0.8517073

00:07:45.810 --> 00:07:48.197 Ultimately points to that people, humans.

NOTE Confidence: 0.8517073

00:07:48.197 --> 00:07:50.682 We interact with information and

NOTE Confidence: 0.8517073

00:07:50.682 --> 00:07:53.107 that information can exert influence

NOTE Confidence: 0.8517073

00:07:53.107 --> 00:07:55.955 on us as well as we exert influence

NOTE Confidence: 0.8517073

00:07:55.955 --> 00:07:58.095 on it as we produce it OK.

NOTE Confidence: 0.8517073

00:07:58.100 --> 00:07:58.484 Now,

NOTE Confidence: 0.8517073

00:07:58.484 --> 00:08:00.020 common understanding what's HealthEquity.

NOTE Confidence: 0.8517073

00:08:00.020 --> 00:08:02.484 I'll go this one through this one

NOTE Confidence: 0.8517073

00:08:02.484 --> 00:08:04.240 a little bit quicker.

NOTE Confidence: 0.8517073

00:08:04.240 --> 00:08:06.082 I'm I'm assuming that we probably

NOTE Confidence: 0.8517073

00:08:06.082 --> 00:08:08.849 have more of a baseline understanding,

NOTE Confidence: 0.8517073

00:08:08.850 --> 00:08:10.965 but basically it's about assessing

NOTE Confidence: 0.8517073

00:08:10.965 --> 00:08:13.080 the differences in health status

NOTE Confidence: 0.8517073

00:08:13.144 --> 00:08:15.262 between groups of people and those

NOTE Confidence: 0.8517073

00:08:15.262 --> 00:08:18.068 groups can be defined by race or ethnicity.

NOTE Confidence: 0.8517073

00:08:18.070 --> 00:08:20.368 That's a common sort of grouping,

NOTE Confidence: 0.8517073

00:08:20.370 --> 00:08:23.058 and the grouping that I probably deal

NOTE Confidence: 0.8517073

00:08:23.058 --> 00:08:25.362 with the most, but also importantly,

NOTE Confidence: 0.8517073

00:08:25.362 --> 00:08:26.570 immigration status, disability,

NOTE Confidence: 0.8517073

00:08:26.570 --> 00:08:28.330 gender, sexual orientation, geography.

NOTE Confidence: 0.8517073

00:08:28.330 --> 00:08:30.730 And assets and I used the term Alice

NOTE Confidence: 0.8517073

00:08:30.730 --> 00:08:33.011 now which stands for asset limited

NOTE Confidence: 0.8517073

00:08:33.011 --> 00:08:34.627 income constrained an employed

NOTE Confidence: 0.8517073

00:08:34.627 --> 00:08:37.164 SES is a common sort of bucket

NOTE Confidence: 0.8517073

00:08:37.164 --> 00:08:38.824 for that or similar bucket,

NOTE Confidence: 0.8517073

00:08:38.830 --> 00:08:41.990 but Alice is a term that I see used more

NOTE Confidence: 0.8517073

00:08:42.076 --> 00:08:45.478 and more in the term I use now differences.

NOTE Confidence: 0.8517073

00:08:45.480 --> 00:08:46.880 What does that mean?

NOTE Confidence: 0.8517073

00:08:46.880 --> 00:08:47.230 Well,

NOTE Confidence: 0.8517073

00:08:47.230 --> 00:08:49.634 differences include the extent.

NOTE Confidence: 0.8517073

00:08:49.634 --> 00:08:51.437 Of a disease.

NOTE Confidence: 0.8517073

00:08:51.440 --> 00:08:53.132 As well as impact,

NOTE Confidence: 0.8517073

00:08:53.132 --> 00:08:55.670 so I don't want to take

NOTE Confidence: 0.8517073

00:08:55.779 --> 00:08:58.099 us through FB 101 here,

NOTE Confidence: 0.84694666

00:08:58.100 --> 00:08:59.984 but basically the prevalence

NOTE Confidence: 0.84694666

00:08:59.984 --> 00:09:03.265 is the proportion of cases in a

NOTE Confidence: 0.84694666

00:09:03.265 --> 00:09:05.688 population at a time, so incidences,

NOTE Confidence: 0.84694666

00:09:05.688 --> 00:09:07.544 incidents conveys information about

NOTE Confidence: 0.84694666

00:09:07.544 --> 00:09:10.089 the risk of contracting a disease,

NOTE Confidence: 0.84694666

00:09:10.090 --> 00:09:11.680 whereas prevalence indicates

NOTE Confidence: 0.84694666

00:09:11.680 --> 00:09:13.800 how widespread it is.

NOTE Confidence: 0.84694666

00:09:13.800 --> 00:09:16.278 And in the context of COVID,

NOTE Confidence: 0.84694666

00:09:16.280 --> 00:09:17.360 that's extremely relevant.

NOTE Confidence: 0.84694666

00:09:17.360 --> 00:09:20.306 I think we've all heard some of these

NOTE Confidence: 0.84694666

00:09:20.306 --> 00:09:22.466 terms released concepts as we've looked

NOTE Confidence: 0.84694666

00:09:22.466 --> 00:09:24.977 at the Daily News on COVID updates.

NOTE Confidence: 0.84694666

00:09:24.980 --> 00:09:27.269 Now just a little bit about equity,

NOTE Confidence: 0.84694666

00:09:27.270 --> 00:09:29.268 I could cite many different examples

NOTE Confidence: 0.84694666

00:09:29.268 --> 00:09:31.210 and I'll cite some later on.

NOTE Confidence: 0.84694666

00:09:31.210 --> 00:09:34.153 But for those of us who work in equity,

NOTE Confidence: 0.84694666

00:09:34.160 --> 00:09:35.800 and I've been working in

NOTE Confidence: 0.84694666

00:09:35.800 --> 00:09:37.770 equity for about 15 years now,

NOTE Confidence: 0.84694666

00:09:37.770 --> 00:09:40.378 Milwaukee is a city that's often used in

NOTE Confidence: 0.84694666

00:09:40.378 --> 00:09:42.028 illustrating HealthEquity or health inequity.

NOTE Confidence: 0.84694666

00:09:42.030 --> 00:09:43.670 It's a fairly segregated city

NOTE Confidence: 0.84694666

00:09:43.670 --> 00:09:45.310 with a large black population,

NOTE Confidence: 0.84694666

00:09:45.310 --> 00:09:46.622 40% in the city,

NOTE Confidence: 0.84694666

00:09:46.622 --> 00:09:48.735 and then 17% in Metro Milwaukee.

NOTE Confidence: 0.84694666

00:09:48.735 --> 00:09:51.360 And we don't quite understand why there

NOTE Confidence: 0.84694666

00:09:51.429 --> 00:09:53.715 are some various theories out there,

NOTE Confidence: 0.84694666

00:09:53.720 --> 00:09:56.480 but the point is that when you see

NOTE Confidence: 0.84694666

00:09:56.480 --> 00:09:57.682 HealthEquity numbers illustrative

NOTE Confidence: 0.84694666

00:09:57.682 --> 00:09:59.927 of a larger larger phenomenon,

NOTE Confidence: 0.84694666

00:09:59.930 --> 00:10:04.306 you see Milwaukee quoted quite a bit so.

NOTE Confidence: 0.84694666

00:10:04.310 --> 00:10:06.320 Infant mortality across the United States

NOTE Confidence: 0.84694666

00:10:06.320 --> 00:10:09.168 for blacks is more than twice that of whites.

NOTE Confidence: 0.84694666

00:10:09.170 --> 00:10:12.878 That's been the case for over a decade now.

NOTE Confidence: 0.84694666

00:10:12.880 --> 00:10:13.618 And in Milwaukee,

NOTE Confidence: 0.84694666

00:10:13.618 --> 00:10:14.356 as I've mentioned,

NOTE Confidence: 0.84694666

00:10:14.360 --> 00:10:15.870 low SES households are three

NOTE Confidence: 0.84694666

00:10:15.870 --> 00:10:17.986 and a half times more likely to

NOTE Confidence: 0.84694666

00:10:17.986 --> 00:10:19.869 die in the first year of life.

NOTE Confidence: 0.84694666

00:10:19.870 --> 00:10:22.360 So these sort of dramatic indicators,

NOTE Confidence: 0.84694666

00:10:22.360 --> 00:10:23.126 again persistent.

NOTE Confidence: 0.84694666

00:10:23.126 --> 00:10:25.041 This is before COVID became

NOTE Confidence: 0.84694666

00:10:25.041 --> 00:10:26.930 part of our binocular.

NOTE Confidence: 0.84694666

00:10:26.930 --> 00:10:28.658 These are persistent inequities,

NOTE Confidence: 0.84694666

00:10:28.658 --> 00:10:31.706 and Milwaukee is a good place to

NOTE Confidence: 0.84694666

00:10:31.706 --> 00:10:33.974 sort of illustrate these this data.

NOTE Confidence: 0.84694666

00:10:33.980 --> 00:10:35.640 These facts and this.

NOTE Confidence: 0.84694666

00:10:35.640 --> 00:10:37.715 These have been the case.

NOTE Confidence: 0.84694666

00:10:37.720 --> 00:10:42.528 As I mentioned for over a decade now.

NOTE Confidence: 0.84694666

00:10:42.530 --> 00:10:42.980 OK,

NOTE Confidence: 0.84694666

00:10:42.980 --> 00:10:46.130 I want to also emphasize that HealthEquity

NOTE Confidence: 0.84694666

00:10:46.130 --> 00:10:49.769 is a persistent human rights issue.

NOTE Confidence: 0.84694666

00:10:49.770 --> 00:10:52.899 I need to assert that because there's

NOTE Confidence: 0.84694666

00:10:52.899 --> 00:10:54.909 not universal agreement on this.

NOTE Confidence: 0.84694666

00:10:54.910 --> 00:10:58.160 I read a few years ago when I was delving

NOTE Confidence: 0.84694666

00:10:58.246 --> 00:11:01.814 more into policy that we fund our priorities.

NOTE Confidence: 0.84694666

00:11:01.820 --> 00:11:03.468 I'll say that again,

NOTE Confidence: 0.84694666

00:11:03.468 --> 00:11:05.940 we fund our priorities and HealthEquity

NOTE Confidence: 0.84694666

00:11:06.013 --> 00:11:08.158 is not necessarily something that

NOTE Confidence: 0.84694666

00:11:08.158 --> 00:11:09.445 has been funded.

NOTE Confidence: 0.84694666

00:11:09.450 --> 00:11:12.420 I'm going to put a quote up here and if

NOTE Confidence: 0.84694666

00:11:12.501 --> 00:11:15.399 we were in the room I'd ask for hands,

NOTE Confidence: 0.84694666

00:11:15.400 --> 00:11:17.896 but I want to read this to you.

NOTE Confidence: 0.84694666

00:11:17.900 --> 00:11:19.616 We are concerned about the constant

NOTE Confidence: 0.84694666

00:11:19.616 --> 00:11:21.453 use of federal funds to support

NOTE Confidence: 0.84694666

00:11:21.453 --> 00:11:23.058 this most notorious expression of

NOTE Confidence: 0.84694666

00:11:23.058 --> 00:11:25.099 segregation of all forms of inequality.

NOTE Confidence: 0.84694666

00:11:25.100 --> 00:11:26.804 Injustice in health is the most

NOTE Confidence: 0.84694666

00:11:26.804 --> 00:11:28.677 shocking and the most inhuman because

NOTE Confidence: 0.84694666

00:11:28.677 --> 00:11:30.723 it often results in physical death.

NOTE Confidence: 0.84694666

00:11:30.730 --> 00:11:32.786 The quote more of the quote I see

NOTE Confidence: 0.84694666

00:11:32.786 --> 00:11:34.833 no alternative to direct action and

NOTE Confidence: 0.84694666

00:11:34.833 --> 00:11:36.678 creative nonviolence to create awareness,

NOTE Confidence: 0.84694666

00:11:36.680 --> 00:11:38.008 to create, to create,

NOTE Confidence: 0.84694666

00:11:38.008 --> 00:11:39.668 not creative nonviolence to raise

NOTE Confidence: 0.84694666

00:11:39.668 --> 00:11:41.418 the conscious of the nation.

NOTE Confidence: 0.84694666

00:11:41.420 --> 00:11:42.410 Sorry bout that.

NOTE Confidence: 0.84694666

00:11:42.410 --> 00:11:44.390 I stepped over the last part.

NOTE Confidence: 0.84694666

00:11:44.390 --> 00:11:46.605 Does anyone know who famously

NOTE Confidence: 0.84694666

00:11:46.605 --> 00:11:48.820 said that in a speech?

NOTE Confidence: 0.84694666

00:11:48.820 --> 00:11:50.760 I'm gonna move on here.

NOTE Confidence: 0.84694666

00:11:50.760 --> 00:11:54.288 That's Doctor Martin Luther King Junior 1965.

NOTE Confidence: 0.84694666

00:11:54.290 --> 00:11:55.674 Annual meeting of Medical

NOTE Confidence: 0.84694666

00:11:55.674 --> 00:11:57.058 Committee for Human Rights.

NOTE Confidence: 0.84694666

00:11:57.060 --> 00:11:59.142 So this notion of HealthEquity that

NOTE Confidence: 0.84694666

00:11:59.142 --> 00:12:01.947 it exists going to get more to that

NOTE Confidence: 0.84694666

00:12:01.947 --> 00:12:03.627 later and that it's important,

NOTE Confidence: 0.84694666

00:12:03.630 --> 00:12:04.722 has been around.

NOTE Confidence: 0.84694666

00:12:04.722 --> 00:12:07.270 This is not a new thing and

NOTE Confidence: 0.8749139

00:12:07.356 --> 00:12:10.992 I want to make sure that we understand that.

NOTE Confidence: 0.8749139

00:12:11.000 --> 00:12:12.860 So when I say persistent inequity,

NOTE Confidence: 0.8749139

00:12:12.860 --> 00:12:14.410 I'm not talking about COVID.

NOTE Confidence: 0.8749139

00:12:14.410 --> 00:12:15.890 I'm certainly not even talking

NOTE Confidence: 0.8749139

00:12:15.890 --> 00:12:17.752 about the last decade or two

NOTE Confidence: 0.8749139

00:12:17.752 --> 00:12:19.367 when this work has proliferated.

21

NOTE Confidence: 0.8749139

00:12:19.370 --> 00:12:20.894 We've known about these

NOTE Confidence: 0.8749139

00:12:20.894 --> 00:12:22.799 inequities for quite some time.

NOTE Confidence: 0.8749139

00:12:22.800 --> 00:12:25.488 Now let's jump into the causes.

NOTE Confidence: 0.8749139

00:12:25.490 --> 00:12:27.458 As you might imagine, summer unclear.

NOTE Confidence: 0.8749139

00:12:27.460 --> 00:12:29.110 This is an interesting question.

NOTE Confidence: 0.8749139

00:12:29.110 --> 00:12:30.682 What causes health inequities?

NOTE Confidence: 0.8749139

00:12:30.682 --> 00:12:32.647 It seems may seem innocuous.

NOTE Confidence: 0.8749139

00:12:32.650 --> 00:12:34.874 But part of what makes it complex is

NOTE Confidence: 0.8749139

00:12:34.874 --> 00:12:37.467 that it brings together many academic

NOTE Confidence: 0.8749139

00:12:37.467 --> 00:12:39.927 disciplines and many different theories,

NOTE Confidence: 0.8749139

00:12:39.930 --> 00:12:41.079 many different approaches.

NOTE Confidence: 0.8749139

00:12:41.079 --> 00:12:43.760 During my PhD study in Information Science,

NOTE Confidence: 0.8749139

00:12:43.760 --> 00:12:46.434 I was exposed as you might imagine,

NOTE Confidence: 0.8749139

00:12:46.440 --> 00:12:47.972 to several different academic

NOTE Confidence: 0.8749139

00:12:47.972 --> 00:12:50.270 disciplines that are new to me.

NOTE Confidence: 0.8749139

00:12:50.270 --> 00:12:52.741 As Rob mentioned, I was a mathematics

NOTE Confidence: 0.8749139

00:12:52.741 --> 00:12:54.480 and computer science undergrad,

NOTE Confidence: 0.8749139

00:12:54.480 --> 00:12:56.350 so my pathway to social

NOTE Confidence: 0.8749139

00:12:56.350 --> 00:12:58.690 science was was long and Anan.

NOTE Confidence: 0.8749139

00:12:58.690 --> 00:12:59.073 Winding.

NOTE Confidence: 0.8749139

00:12:59.073 --> 00:12:59.456 However,

NOTE Confidence: 0.8749139

00:12:59.456 --> 00:13:01.754 given my description of health informatics,

NOTE Confidence: 0.8749139

00:13:01.760 --> 00:13:04.178 that's probably to be expected in

NOTE Confidence: 0.8749139

00:13:04.178 --> 00:13:05.790 terms of the interdisciplinarity.

NOTE Confidence: 0.8749139

00:13:05.790 --> 00:13:06.384 Of it,

NOTE Confidence: 0.8749139

00:13:06.384 --> 00:13:07.869 so my interest in HealthEquity

NOTE Confidence: 0.8749139

00:13:07.869 --> 00:13:10.255 was enhanced by my exposure to

NOTE Confidence: 0.8749139

00:13:10.255 --> 00:13:11.686 developmental psychology literature.

NOTE Confidence: 0.8749139

00:13:11.690 --> 00:13:13.772 This is literature that I'm sure

NOTE Confidence: 0.8749139

00:13:13.772 --> 00:13:16.489 many in the crowd are familiar with,

NOTE Confidence: 0.8749139

00:13:16.490 --> 00:13:18.710 specifically through one of my professors,

00:13:18.710 --> 00:13:21.654 Daniel Keating, who I mentioned by name here.

00:13:21.660 --> 00:13:24.604 One because he does wonderful work and two,

00:13:24.610 --> 00:13:27.186 he's just an excellent professor in person.

00:13:27.190 --> 00:13:29.290 I'm using his work here to explain

00:13:29.290 --> 00:13:31.636 or try to answer the question

00:13:31.636 --> 00:13:33.468 about what causes inequity.

00:13:33.470 --> 00:13:34.910 Again, persistent inequity.

00:13:34.910 --> 00:13:39.310 As I continue to to identify the root causes,

00:13:39.310 --> 00:13:41.902 I find myself even reading more

00:13:41.902 --> 00:13:43.633 literature and sociology, psychology,

00:13:43.633 --> 00:13:45.798 even history to understand context.

00:13:45.800 --> 00:13:47.965 So it's important if we're

00:13:47.965 --> 00:13:50.130 going to ask this question,

00:13:50.130 --> 00:13:52.728 we have to embrace different disciplines,

00:13:52.730 --> 00:13:54.458 different people, different literature.

00:13:54.458 --> 00:13:56.988 That's important now, the answers.

NOTE Confidence: 0.8749139

00:13:56.988 --> 00:13:58.830 What are they?

NOTE Confidence: 0.8749139

00:13:58.830 --> 00:14:01.738 They lie in two camps, essentially,

NOTE Confidence: 0.8749139

00:14:01.738 --> 00:14:03.532 historically and contemporarily,

NOTE Confidence: 0.8749139

00:14:03.532 --> 00:14:05.326 nature versus nurture.

NOTE Confidence: 0.8749139

00:14:05.330 --> 00:14:07.254 We're probably very familiar

NOTE Confidence: 0.8749139

00:14:07.254 --> 00:14:08.697 with the concepts.

NOTE Confidence: 0.8749139

00:14:08.700 --> 00:14:10.792 Are certain groups biologically

NOTE Confidence: 0.8749139

00:14:10.792 --> 00:14:12.884 or genetically predisposed to

NOTE Confidence: 0.8749139

00:14:12.884 --> 00:14:15.650 the risk of certain conditions?

NOTE Confidence: 0.8749139

00:14:15.650 --> 00:14:17.039 And their progression?

NOTE Confidence: 0.8749139

00:14:17.039 --> 00:14:19.354 Or do social factors play

NOTE Confidence: 0.8749139

00:14:19.354 --> 00:14:21.610 more of a role nurture?

NOTE Confidence: 0.8749139

00:14:21.610 --> 00:14:22.820 For the Pearly early part,

NOTE Confidence: 0.8749139

00:14:22.820 --> 00:14:23.546 I told you,

NOTE Confidence: 0.8749139

00:14:23.546 --> 00:14:25.240 I've been reading a lot of history,

NOTE Confidence: 0.8749139

00:14:25.240 --> 00:14:26.692 so for the early part of

NOTE Confidence: 0.8749139

00:14:26.692 --> 00:14:27.418 our country's history,

NOTE Confidence: 0.8749139

00:14:27.420 --> 00:14:29.570 nature was the prevailing belief.

NOTE Confidence: 0.8749139

00:14:29.570 --> 00:14:31.705 The science was influenced by

NOTE Confidence: 0.8749139

00:14:31.705 --> 00:14:33.840 the sentiments of the scientists.

NOTE Confidence: 0.8749139

00:14:33.840 --> 00:14:35.980 This is still the case.

NOTE Confidence: 0.8749139

00:14:35.980 --> 00:14:37.844 The psychologist Charles Thomas

NOTE Confidence: 0.8749139

00:14:37.844 --> 00:14:41.143 in 1985 published a paper in part

NOTE Confidence: 0.8749139

00:14:41.143 --> 00:14:44.083 that said quote science is a human

NOTE Confidence: 0.8749139

00:14:44.083 --> 00:14:46.398 activity which is hardly neutral.

NOTE Confidence: 0.8749139

00:14:46.400 --> 00:14:47.501 Objective or impartial?

NOTE Confidence: 0.8749139

00:14:47.501 --> 00:14:49.336 So it's important that when

NOTE Confidence: 0.8749139

00:14:49.336 --> 00:14:51.260 we talk about the science,

NOTE Confidence: 0.8749139

00:14:51.260 --> 00:14:54.244 some of us imply the purity of it.

NOTE Confidence: 0.8749139

00:14:54.250 --> 00:14:56.404 It's important for us to understand

NOTE Confidence: 0.8749139

00:14:56.404 --> 00:14:58.682 that there are human beings behind

NOTE Confidence: 0.8749139

00:14:58.682 --> 00:15:00.607 the collection of that data.

NOTE Confidence: 0.8749139

00:15:00.610 --> 00:15:02.480 The analysis of that data,

NOTE Confidence: 0.8749139

00:15:02.480 --> 00:15:04.350 the interpretation of that analysis,

NOTE Confidence: 0.8749139

00:15:04.350 --> 00:15:06.220 and the dissemination of it.

NOTE Confidence: 0.8749139

00:15:06.220 --> 00:15:08.090 After all, as an example,

NOTE Confidence: 0.8749139

00:15:08.090 --> 00:15:09.795 using enslaved Africans as free

NOTE Confidence: 0.8749139

00:15:09.795 --> 00:15:12.318 labor was in large part fueled by

NOTE Confidence: 0.8749139

00:15:12.318 --> 00:15:14.586 the notion that certain groups were

NOTE Confidence: 0.8749139

00:15:14.586 --> 00:15:16.770 genetically and biologically inferior.

NOTE Confidence: 0.8749139

00:15:16.770 --> 00:15:18.960 I'll expound upon Dubois his work

NOTE Confidence: 0.8749139

00:15:18.960 --> 00:15:21.907 in this area in a couple of slides,

NOTE Confidence: 0.8749139

00:15:21.910 --> 00:15:23.740 but back to Keaton cheating.

NOTE Confidence: 0.8749139

00:15:23.740 --> 00:15:25.960 He found he and others find

NOTE Confidence: 0.8749139

00:15:25.960 --> 00:15:27.440 that nature and nurture

NOTE Confidence: 0.8103511

00:15:27.515 --> 00:15:29.615 both play a role in outcomes,

NOTE Confidence: 0.8103511

00:15:29.620 --> 00:15:31.396 so individual differences.

NOTE Confidence: 0.8103511

00:15:31.396 --> 00:15:32.580 Cognitive, behavioral,

NOTE Confidence: 0.8103511

00:15:32.580 --> 00:15:36.300 physical and mental health are patterned

NOTE Confidence: 0.8103511

00:15:36.300 --> 00:15:38.160 by socioeconomic circumstances.

NOTE Confidence: 0.8103511

00:15:38.160 --> 00:15:40.242 And that health outcomes are influenced

NOTE Confidence: 0.8103511

00:15:40.242 --> 00:15:42.150 by many inter related factors.

NOTE Confidence: 0.8103511

00:15:42.150 --> 00:15:44.328 So things like poor health status,

NOTE Confidence: 0.8103511

00:15:44.330 --> 00:15:47.105 disease risk, risk factors and

NOTE Confidence: 0.8103511

00:15:47.105 --> 00:15:49.880 limited access to health care.

NOTE Confidence: 0.8103511

00:15:49.880 --> 00:15:51.232 Social determinants of health.

NOTE Confidence: 0.8103511

00:15:51.232 --> 00:15:53.255 Stoc. Hi, I'm going to talk

NOTE Confidence: 0.8103511

00:15:53.255 --> 00:15:54.940 about those quite a bit.

NOTE Confidence: 0.8103511

00:15:54.940 --> 00:15:58.020 Those are primarily the drivers.

NOTE Confidence: 0.8103511

00:15:58.020 --> 00:16:02.234 Now let's talk a bit about this.

NOTE Confidence: 0.8103511

00:16:02.240 --> 00:16:05.145 Here how do we get from social?

NOTE Confidence: 0.8103511

00:16:05.150 --> 00:16:05.605 Factors.

NOTE Confidence: 0.8103511

00:16:05.605 --> 00:16:06.970 To outcomes, again,

NOTE Confidence: 0.8103511

00:16:06.970 --> 00:16:09.700 an innocuous question on the surface,

NOTE Confidence: 0.8103511

00:16:09.700 --> 00:16:13.044 but there's a lot going on underneath here.

NOTE Confidence: 0.8103511

00:16:13.050 --> 00:16:19.788 OK. This arrow from social

NOTE Confidence: 0.8103511

00:16:19.788 --> 00:16:23.079 circumstances to outcomes.

NOTE Confidence: 0.8103511

00:16:23.080 --> 00:16:25.432 Is about predicting outcomes based on

NOTE Confidence: 0.8103511

00:16:25.432 --> 00:16:28.019 social economic status or Sep sometimes

NOTE Confidence: 0.8103511

00:16:28.019 --> 00:16:29.927 called social economic position.

NOTE Confidence: 0.8436701

00:16:32.340 --> 00:16:35.100 So let me go and review this circle a bit.

NOTE Confidence: 0.8436701

00:16:35.100 --> 00:16:37.308 I'm going to spend just a slide on

NOTE Confidence: 0.8436701

00:16:37.308 --> 00:16:38.800 this circle, 'cause it's it really

NOTE Confidence: 0.8436701

00:16:38.800 --> 00:16:41.228 gets at the heart of the answer to the

NOTE Confidence: 0.8436701

00:16:41.228 --> 00:16:42.828 question about what causes inequity,

NOTE Confidence: 0.8436701

00:16:42.830 --> 00:16:44.760 the interplay of nature and

NOTE Confidence: 0.8436701

00:16:44.760 --> 00:16:47.279 nurture both of them play a role.

NOTE Confidence: 0.8436701

00:16:47.280 --> 00:16:50.088 But the key questions again are what what

NOTE Confidence: 0.8436701

00:16:50.088 --> 00:16:52.279 social predictors matter more than others?

NOTE Confidence: 0.8436701

00:16:52.280 --> 00:16:55.556 And how do these predictors interact?

NOTE Confidence: 0.8436701

00:16:55.560 --> 00:16:57.690 Do they relate to different outcomes

NOTE Confidence: 0.8436701

00:16:57.690 --> 00:16:59.110 and what developed mechanisms

NOTE Confidence: 0.8436701

00:16:59.172 --> 00:17:00.520 might explain this arrow?

NOTE Confidence: 0.8436701

00:17:00.520 --> 00:17:03.168 Those of us who work with pathways clinical

NOTE Confidence: 0.8436701

00:17:03.168 --> 00:17:05.470 pathways were really concerned with this.

NOTE Confidence: 0.8436701

00:17:05.470 --> 00:17:08.294 How do we tie factors to two outcomes?

NOTE Confidence: 0.8436701

00:17:08.300 --> 00:17:10.649 What's the pathway?

NOTE Confidence: 0.8436701

00:17:10.650 --> 00:17:13.618 The short answer is we don't know really.

NOTE Confidence: 0.8436701

00:17:13.620 --> 00:17:14.952 They're hard to separate.

NOTE Confidence: 0.8436701

00:17:14.952 --> 00:17:17.416 You can imagine that it's really hard

NOTE Confidence: 0.8436701

00:17:17.416 --> 00:17:19.024 to isolate someone's socioeconomic

NOTE Confidence: 0.8436701

00:17:19.024 --> 00:17:21.034 position from where they live.

NOTE Confidence: 0.8436701

00:17:21.040 --> 00:17:22.890 These social determinants are interplayed.

NOTE Confidence: 0.8436701

00:17:22.890 --> 00:17:24.510 They're almost hopelessly connected,

NOTE Confidence: 0.8436701

00:17:24.510 --> 00:17:27.330 and I don't mean hopeless as there's

NOTE Confidence: 0.8436701

00:17:27.330 --> 00:17:29.570 no hope to do something about it.

NOTE Confidence: 0.8436701

00:17:29.570 --> 00:17:30.312 I mean,

NOTE Confidence: 0.8436701

00:17:30.312 --> 00:17:33.280 hopeless in terms of trying to segment them.

NOTE Confidence: 0.8436701

00:17:33.280 --> 00:17:35.140 Segment them are very difficult.

NOTE Confidence: 0.8436701

00:17:35.140 --> 00:17:35.550 However,

NOTE Confidence: 0.8436701

00:17:35.550 --> 00:17:38.830 what we do know what has been demonstrated

NOTE Confidence: 0.8436701

00:17:38.830 --> 00:17:42.127 is that as a whole social circumstances.

NOTE Confidence: 0.8436701

00:17:42.130 --> 00:17:43.771 Have a gradient.

NOTE Confidence: 0.8436701

00:17:43.771 --> 00:17:46.506 Here this is represented by

NOTE Confidence: 0.8436701

00:17:46.506 --> 00:17:48.920 the arrow to outcomes.

NOTE Confidence: 0.8436701

00:17:48.920 --> 00:17:51.076 Lower levels of socioeconomic

NOTE Confidence: 0.8436701

00:17:51.076 --> 00:17:53.771 status and social economic position

NOTE Confidence: 0.8436701

00:17:53.771 --> 00:17:56.452 uniformly are associated with lower

NOTE Confidence: 0.8436701

00:17:56.452 --> 00:17:59.037 levels of virtually any measured

NOTE Confidence: 0.8436701

00:17:59.037 --> 00:18:00.710 developmental health outcome,

NOTE Confidence: 0.8436701

00:18:00.710 --> 00:18:03.810 and its most frequently

NOTE Confidence: 0.8436701

00:18:03.810 --> 00:18:06.135 a linear relationship.

NOTE Confidence: 0.8436701

00:18:06.140 --> 00:18:09.204 So these factors, demographics,

NOTE Confidence: 0.8436701

00:18:09.204 --> 00:18:11.880 socioeconomic, residential.

NOTE Confidence: 0.8436701

00:18:11.880 --> 00:18:13.908 Actually can predict.

NOTE Confidence: 0.8436701

00:18:13.908 --> 00:18:16.010 Physical, mental, cognitive,

NOTE Confidence: 0.8436701

00:18:16.010 --> 00:18:19.010 and social competence is.

NOTE Confidence: 0.8436701

00:18:19.010 --> 00:18:22.475 So the answer is nature and nurture,

NOTE Confidence: 0.8436701

00:18:22.480 --> 00:18:24.960 but more specifically social factors,

NOTE Confidence: 0.8436701

00:18:24.960 --> 00:18:27.440 social determinants of health actually

NOTE Confidence: 0.8436701

00:18:27.440 --> 00:18:29.920 show linear relationships to outcomes.

NOTE Confidence: 0.8103243

00:18:32.160 --> 00:18:33.856 Now let's go to COVID for a minute.

NOTE Confidence: 0.81203014

00:18:36.010 --> 00:18:38.714 What's causing the COVID

NOTE Confidence: 0.81203014

00:18:38.714 --> 00:18:42.094 inequities that we see well?

NOTE Confidence: 0.81203014

00:18:42.100 --> 00:18:44.221 For people like me who have been

NOTE Confidence: 0.81203014

00:18:44.221 --> 00:18:45.972 working in HealthEquity for over a

NOTE Confidence: 0.81203014

00:18:45.972 --> 00:18:47.792 decade and there have been people who

NOTE Confidence: 0.81203014

00:18:47.849 --> 00:18:49.801 have been doing this a lot longer than

NOTE Confidence: 0.81203014

00:18:49.801 --> 00:18:52.288 I have before I learned how to spell

NOTE Confidence: 0.81203014

00:18:52.288 --> 00:18:54.739 PhD point to these social factors.

NOTE Confidence: 0.81203014

00:18:54.740 --> 00:18:58.800 So wouldn't it follow that social factors

NOTE Confidence: 0.81203014

00:18:58.800 --> 00:19:02.510 are also exerting influence on COVID,

NOTE Confidence: 0.81203014

00:19:02.510 --> 00:19:04.654 specifically risk of infection?

NOTE Confidence: 0.81203014

00:19:04.654 --> 00:19:07.870 Risk of hospitalization and mortality risk.

NOTE Confidence: 0.81203014

00:19:07.870 --> 00:19:10.523 Those are the three kind of markers

NOTE Confidence: 0.81203014

00:19:10.523 --> 00:19:12.921 that have been used since the

NOTE Confidence: 0.81203014

00:19:12.921 --> 00:19:15.285 beginning of the pandemic in terms

NOTE Confidence: 0.81203014

00:19:15.285 --> 00:19:17.956 of the work that I've looked at.

NOTE Confidence: 0.81203014

00:19:17.960 --> 00:19:19.895 Again, social factors for over

NOTE Confidence: 0.81203014

00:19:19.895 --> 00:19:21.443 100 years social factors,

NOTE Confidence: 0.81203014

00:19:21.450 --> 00:19:23.670 not genetic factors as was first

NOTE Confidence: 0.81203014

00:19:23.670 --> 00:19:26.022 speculated have been described as primary

NOTE Confidence: 0.81203014

00:19:26.022 --> 00:19:28.037 causal factors of health disparities,

NOTE Confidence: 0.81203014

00:19:28.040 --> 00:19:31.484 and we also find them in COVID.

NOTE Confidence: 0.81203014

00:19:31.490 --> 00:19:33.722 Risk of COVID infection,

NOTE Confidence: 0.81203014

00:19:33.722 --> 00:19:35.396 hospitalization and death.

NOTE Confidence: 0.81203014

00:19:35.400 --> 00:19:40.544 Just some more in terms of HealthEquity data.

NOTE Confidence: 0.81203014

00:19:40.550 --> 00:19:43.110 African American and Native American

NOTE Confidence: 0.81203014

00:19:43.110 --> 00:19:45.158 individuals have shorter life

NOTE Confidence: 0.81203014

00:19:45.158 --> 00:19:47.806 spans and more illness than whites.

NOTE Confidence: 0.81203014

00:19:47.810 --> 00:19:49.746 Hispanic immigrants initially tend

NOTE Confidence: 0.81203014

00:19:49.746 --> 00:19:52.166 to have relatively healthy profiles,

NOTE Confidence: 0.81203014

00:19:52.170 --> 00:19:54.590 but with increasing lengths of

NOTE Confidence: 0.81203014

00:19:54.590 --> 00:19:57.010 stay in the United States,

NOTE Confidence: 0.81203014

00:19:57.010 --> 00:19:59.430 their health tends to decline.

NOTE Confidence: 0.81203014

00:19:59.430 --> 00:20:01.850 That's also true of immigrants

NOTE Confidence: 0.81203014

00:20:01.850 --> 00:20:04.270 from African and Caribbean nations.

NOTE Confidence: 0.86430043

00:20:06.400 --> 00:20:08.840 Now, in terms of COVID.

NOTE Confidence: 0.86430043

00:20:08.840 --> 00:20:10.832 And think COVID social factors COVID

NOTE Confidence: 0.86430043

00:20:10.832 --> 00:20:13.139 social factors by the end of the talk,

NOTE Confidence: 0.86430043

00:20:13.140 --> 00:20:16.059 I hope that we're making that association.

NOTE Confidence: 0.86430043

00:20:16.060 --> 00:20:18.348 Let's look at the Bronx, New York City.

NOTE Confidence: 0.86430043

00:20:18.348 --> 00:20:20.656 Rob knows about the Bronx, don't you rob?

NOTE Confidence: 0.86430043

00:20:20.656 --> 00:20:23.132 Familiar, the Bronx had the has the lowest

NOTE Confidence: 0.86430043

00:20:23.132 --> 00:20:25.708 levels of income and education and highest

NOTE Confidence: 0.86430043

00:20:25.708 --> 00:20:27.724 proportion of black and Hispanic persons

NOTE Confidence: 0.86430043

00:20:27.724 --> 00:20:30.200 of any of the boroughs of New York.

NOTE Confidence: 0.86430043

00:20:30.200 --> 00:20:32.475 It also had the highest rate of

NOTE Confidence: 0.86430043

00:20:32.475 --> 00:20:34.810 COVID hospitalizations and deaths.

NOTE Confidence: 0.86430043

00:20:34.810 --> 00:20:37.546 This is data as of September.

NOTE Confidence: 0.86430043

00:20:37.550 --> 00:20:39.522 In contrast, Manhattan primarily

NOTE Confidence: 0.86430043

00:20:39.522 --> 00:20:41.494 predominantly white most affluent

NOTE Confidence: 0.86430043

00:20:41.494 --> 00:20:43.898 borough of New York City by far,

NOTE Confidence: 0.86430043

00:20:43.900 --> 00:20:46.300 had the lowest rates of hospitalizations

NOTE Confidence: 0.86430043

00:20:46.300 --> 00:20:48.550 and deaths related to COVID-19.

NOTE Confidence: 0.86430043

00:20:48.550 --> 00:20:51.412 Although it had the highest population

NOTE Confidence: 0.86430043

00:20:51.412 --> 00:20:54.910 density of any New York City borough.

NOTE Confidence: 0.86430043

00:20:54.910 --> 00:20:57.577 Again, this is data as of September.

NOTE Confidence: 0.86430043

00:20:57.580 --> 00:21:00.280 New York City reflects other

NOTE Confidence: 0.86430043

00:21:00.280 --> 00:21:02.732 major US centers. For example.

NOTE Confidence: 0.86430043

00:21:02.732 --> 00:21:04.812 Disproportionate death rates of black

NOTE Confidence: 0.86430043

00:21:04.812 --> 00:21:07.983 persons in Chicago are concentrated in four

NOTE Confidence: 0.86430043

00:21:07.983 --> 00:21:11.027 majority black neighborhoods, so we see.

NOTE Confidence: 0.86430043

00:21:11.027 --> 00:21:14.321 Almost as data was being collected

NOTE Confidence: 0.86430043

00:21:14.321 --> 00:21:17.619 around COVID racial disparities.

NOTE Confidence: 0.86430043

00:21:17.620 --> 00:21:19.246 So let's go back a bit.

NOTE Confidence: 0.86430043

00:21:19.250 --> 00:21:20.750 I told you I've been reading

NOTE Confidence: 0.86430043

00:21:20.750 --> 00:21:22.230 a little bit about history.

NOTE Confidence: 0.86430043

00:21:22.230 --> 00:21:23.802 I'm going to take you through

NOTE Confidence: 0.86430043

00:21:23.802 --> 00:21:25.210 a little bit of this.

NOTE Confidence: 0.86430043

00:21:25.210 --> 00:21:26.550 It's important to understand that

NOTE Confidence: 0.86430043

00:21:26.550 --> 00:21:28.190 racial health inequity did not start.

NOTE Confidence: 0.86430043

00:21:28.190 --> 00:21:28.621 Unfortunately,

NOTE Confidence: 0.86430043

00:21:28.621 --> 00:21:30.776 nowhere that end with COVID.

NOTE Confidence: 0.86430043

00:21:30.780 --> 00:21:33.314 But when did racial inequity emerging health?

NOTE Confidence: 0.86430043

00:21:33.320 --> 00:21:35.498 Well, the answer is pretty clear.

NOTE Confidence: 0.86430043

00:21:35.500 --> 00:21:37.585 Racial differences in health are

NOTE Confidence: 0.86430043

00:21:37.585 --> 00:21:40.491 present at the very inception of health

NOTE Confidence: 0.86430043

00:21:40.491 --> 00:21:43.109 records being kept in the United States.

NOTE Confidence: 0.86430043

00:21:43.110 --> 00:21:47.223 Up until an through the Civil War in 1861,

NOTE Confidence: 0.86430043

00:21:47.230 --> 00:21:48.294 physicians debated.

37

NOTE Confidence: 0.86430043

00:21:48.294 --> 00:21:50.954 Physicians these are trained individuals.

NOTE Confidence: 0.86430043

00:21:50.960 --> 00:21:53.804 Whether the already well known racial

NOTE Confidence: 0.86430043

00:21:53.804 --> 00:21:56.400 disparities were due to biology.

NOTE Confidence: 0.86430043

00:21:56.400 --> 00:21:58.325 Because blacks were inferior or

NOTE Confidence: 0.86430043

00:21:58.325 --> 00:22:00.250 social factors because many blacks

NOTE Confidence: 0.86430043

00:22:00.308 --> 00:22:02.348 were enslaved and lived in society.

NOTE Confidence: 0.86430043

00:22:02.350 --> 00:22:03.838 Steeped in white supremacy,

NOTE Confidence: 0.86430043

00:22:03.838 --> 00:22:05.326 steeped in white supremacy.

NOTE Confidence: 0.86430043

00:22:05.330 --> 00:22:06.287 At the time,

NOTE Confidence: 0.86430043

00:22:06.287 --> 00:22:08.201 the debate was rooted in politics

NOTE Confidence: 0.86430043

00:22:08.201 --> 00:22:10.160 as anti slavery physicians,

NOTE Confidence: 0.86430043

00:22:10.160 --> 00:22:12.020 which included the first generation

NOTE Confidence: 0.86430043

00:22:12.020 --> 00:22:13.136 of black doctors,

NOTE Confidence: 0.86430043

00:22:13.140 --> 00:22:15.737 argued that social factors were the drivers.

NOTE Confidence: 0.86430043

00:22:15.740 --> 00:22:17.798 These factors at the time defined

NOTE Confidence: 0.86430043

00:22:17.798 --> 00:22:20.583 the need for cheap labor and those

NOTE Confidence: 0.86430043

00:22:20.583 --> 00:22:22.375 conditions were what determined

NOTE Confidence: 0.86430043

00:22:22.375 --> 00:22:24.520 both the progression of disease.

NOTE Confidence: 0.86430043

00:22:24.520 --> 00:22:26.290 And health status of enslaved blacks

NOTE Confidence: 0.86430043

00:22:26.290 --> 00:22:28.266 in the South and impoverished blacks

NOTE Confidence: 0.86430043

00:22:28.266 --> 00:22:31.434 in the north. This work was captured.

NOTE Confidence: 0.86430043

00:22:31.434 --> 00:22:33.498 This biological versus social

NOTE Confidence: 0.86430043

00:22:33.498 --> 00:22:36.698 debate was captured by Dubois and

NOTE Confidence: 0.86430043

00:22:36.698 --> 00:22:39.298 his Seminole work the Philadelphia.

NOTE Confidence: 0.86430043

00:22:39.300 --> 00:22:42.300 Now Dubois was a trained sociologist.

NOTE Confidence: 0.86430043

00:22:42.300 --> 00:22:45.975 I think of him as the first

NOTE Confidence: 0.86430043

00:22:45.975 --> 00:22:48.899 HealthEquity scholar in our country.

NOTE Confidence: 0.86430043

00:22:48.900 --> 00:22:50.100 And he's also deeply,

NOTE Confidence: 0.86430043

00:22:50.100 --> 00:22:51.000 deeply into epidemiology.

NOTE Confidence: 0.86430043

00:22:51.000 --> 00:22:52.800 If I could talk to him,

NOTE Confidence: 0.86430043

00:22:52.800 --> 00:22:55.800 I'd love to talk to him about his epic work.

NOTE Confidence: 0.86430043

00:22:55.800 --> 00:22:59.382 'cause that's really what this is about as a.

NOTE Confidence: 0.86430043

00:22:59.390 --> 00:23:02.360 I read this book before I learned how to

NOTE Confidence: 0.86430043

00:23:02.360 --> 00:23:04.990 spell PhD and then I reread it after.

NOTE Confidence: 0.86430043

00:23:04.990 --> 00:23:06.808 And it's a book about epidemiology.

NOTE Confidence: 0.86430043

00:23:06.810 --> 00:23:07.114 Essentially.

NOTE Confidence: 0.86430043

00:23:07.114 --> 00:23:09.546 Now why am I bringing it up here?

NOTE Confidence: 0.86430043

00:23:09.550 --> 00:23:11.764 He can't rasted the biological point

NOTE Confidence: 0.86430043

00:23:11.764 --> 00:23:14.529 of view and his observation that.

NOTE Confidence: 0.86430043

00:23:14.530 --> 00:23:16.974 Uh, that social factors?

NOTE Confidence: 0.86430043

00:23:16.974 --> 00:23:20.640 Were in the vastly different conditions

NOTE Confidence: 0.86430043

00:23:20.738 --> 00:23:23.656 were at play, and I'm putting up.

NOTE Confidence: 0.86430043

00:23:23.656 --> 00:23:26.170 US knows that this is the

NOTE Confidence: 0.785181714736842

00:23:26.272 --> 00:23:28.912 I submit that Dubois is

NOTE Confidence: 0.785181714736842

00:23:28.912 --> 00:23:31.024 important to public health.

NOTE Confidence: 0.785181714736842

00:23:31.030 --> 00:23:33.928 United States ice snow is to to

NOTE Confidence: 0.785181714736842

00:23:33.928 --> 00:23:36.049 public health around the world.

NOTE Confidence: 0.785181714736842

00:23:36.050 --> 00:23:38.558 This is the famous water spicket

NOTE Confidence: 0.785181714736842

00:23:38.558 --> 00:23:40.230 that London physicians know.

NOTE Confidence: 0.785181714736842

00:23:40.230 --> 00:23:43.149 I identified was the cause of cholera.

NOTE Confidence: 0.785181714736842

00:23:43.150 --> 00:23:46.546 This kind of launched modern epidemiology.

NOTE Confidence: 0.785181714736842

00:23:46.550 --> 00:23:49.147 And I think that this work the

NOTE Confidence: 0.785181714736842

00:23:49.147 --> 00:23:51.035 Philadelphia is approach is as

NOTE Confidence: 0.785181714736842

00:23:51.035 --> 00:23:53.159 important in terms of racial equity,

NOTE Confidence: 0.785181714736842

00:23:53.160 --> 00:23:57.598 both in the United States and beyond.

NOTE Confidence: 0.785181714736842

00:23:57.600 --> 00:24:00.590 So Dubois argued that social

NOTE Confidence: 0.785181714736842

00:24:00.590 --> 00:24:02.982 advancements and vastly different

NOTE Confidence: 0.785181714736842

00:24:02.982 --> 00:24:05.647 living conditions were the causes

NOTE Confidence: 0.785181714736842

00:24:05.647 --> 00:24:08.611 of the known 1899 known racial

NOTE Confidence: 0.785181714736842

00:24:08.701 --> 00:24:11.389 differences in health outcomes.

NOTE Confidence: 0.785181714736842

00:24:11.390 --> 00:24:13.030 Now one more on Dubois.

NOTE Confidence: 0.785181714736842

00:24:13.030 --> 00:24:15.326 Before I leave what he pointed out,

NOTE Confidence: 0.785181714736842

00:24:15.330 --> 00:24:17.409 I pulled this quote from the Philadelphia

NOTE Confidence: 0.785181714736842

00:24:17.409 --> 00:24:19.590 and I think it's really important.

NOTE Confidence: 0.785181714736842

00:24:19.590 --> 00:24:21.934 I alluded to this earlier when I talked

NOTE Confidence: 0.785181714736842

00:24:21.934 --> 00:24:24.177 about we fund our priorities again,

NOTE Confidence: 0.785181714736842

00:24:24.180 --> 00:24:25.784 we fund our priorities.

NOTE Confidence: 0.785181714736842

00:24:25.784 --> 00:24:27.789 The most difficult social problem

NOTE Confidence: 0.785181714736842

00:24:27.789 --> 00:24:30.340 in the matter of health is the

NOTE Confidence: 0.785181714736842

00:24:30.340 --> 00:24:32.153 peculiar attitude of the nation

NOTE Confidence: 0.785181714736842

00:24:32.153 --> 00:24:34.610 towards the well being of the race.

NOTE Confidence: 0.785181714736842

00:24:34.610 --> 00:24:36.479 There have been few other cases in

NOTE Confidence: 0.785181714736842

00:24:36.479 --> 00:24:38.043 the history of civilized peoples

NOTE Confidence: 0.785181714736842

00:24:38.043 --> 00:24:40.167 where human suffering has been viewed

NOTE Confidence: 0.785181714736842

00:24:40.167 --> 00:24:42.129 with such peculiar indifference.

NOTE Confidence: 0.9073276

00:24:44.470 --> 00:24:48.676 1899 Let's go back to social determinants.

NOTE Confidence: 0.9073276

00:24:48.680 --> 00:24:50.608 I want to ground us in a common

NOTE Confidence: 0.9073276

00:24:50.608 --> 00:24:52.410 understanding as I did for health

00:24:52.410 --> 00:24:53.670 informatics and for HealthEquity.

00:24:56.490 --> 00:25:00.116 And we see here what Dubois observed.

00:25:00.120 --> 00:25:02.304 Social advancement vastly

00:25:02.304 --> 00:25:04.488 different living conditions.

00:25:04.490 --> 00:25:06.266 Stop one moment Sir.

00:25:06.266 --> 00:25:08.982 OK, there are five central

00:25:08.982 --> 00:25:11.254 social determinants of health.

00:25:11.260 --> 00:25:12.772 Economic stability, education,

00:25:12.772 --> 00:25:14.788 social and community context,

00:25:14.790 --> 00:25:16.802 health and health care,

00:25:16.802 --> 00:25:18.814 neighborhood and built environment.

00:25:18.820 --> 00:25:21.515 And this. Diagram.

00:25:21.515 --> 00:25:24.490 From the Institute of Medicine.

00:25:24.490 --> 00:25:27.110 Helps articulate.

00:25:27.110 --> 00:25:31.000 Illustrate their interplay there all.

NOTE Confidence: 0.8380872

00:25:31.000 --> 00:25:32.938 They all can play a role.

NOTE Confidence: 0.8380872

00:25:32.940 --> 00:25:34.620 And some can play the role

NOTE Confidence: 0.8380872

00:25:34.620 --> 00:25:36.578 of role more than others for

NOTE Confidence: 0.8380872

00:25:36.578 --> 00:25:38.110 group for certain groups.

NOTE Confidence: 0.8380872

00:25:38.110 --> 00:25:40.048 But the point is in trying

NOTE Confidence: 0.8380872

00:25:40.048 --> 00:25:41.340 to isolate causal factors.

NOTE Confidence: 0.8380872

00:25:41.340 --> 00:25:43.698 This is perhaps what makes pathways

NOTE Confidence: 0.8380872

00:25:43.698 --> 00:25:45.617 so difficult to definitively describe

NOTE Confidence: 0.8380872

00:25:45.617 --> 00:25:47.873 is that they are all at play and

NOTE Confidence: 0.8380872

00:25:47.873 --> 00:25:50.396 they can be a play at different

NOTE Confidence: 0.8380872

00:25:50.396 --> 00:25:51.844 times for different individuals.

NOTE Confidence: 0.8380872

00:25:51.850 --> 00:25:53.570 So these are social determinants.

NOTE Confidence: 0.7865068

00:25:56.690 --> 00:25:59.315 And these determinants have been

NOTE Confidence: 0.7865068

00:25:59.315 --> 00:26:01.415 articulated for various groups.

NOTE Confidence: 0.7865068

00:26:01.420 --> 00:26:02.998 I've mentioned black.

NOTE Confidence: 0.7865068

00:26:02.998 --> 00:26:06.680 I've mentioned Latin ex but also Haitian.

NOTE Confidence: 0.7865068

00:26:06.680 --> 00:26:08.784 Afro Cuban Trinidad Ian

NOTE Confidence: 0.7865068

00:26:08.784 --> 00:26:10.888 Appalachian Poor Asian Americans,

NOTE Confidence: 0.7865068

00:26:10.890 --> 00:26:12.468 older adults, immigrants,

NOTE Confidence: 0.7865068

00:26:12.468 --> 00:26:14.046 individuals with disabilities,

NOTE Confidence: 0.7865068

00:26:14.050 --> 00:26:15.102 Native Americans.

NOTE Confidence: 0.7865068

00:26:15.102 --> 00:26:18.258 It goes on prisoners as well.

NOTE Confidence: 0.8672717

00:26:20.460 --> 00:26:22.176 Social determinants of health

NOTE Confidence: 0.8672717

00:26:22.176 --> 00:26:24.750 of health are not like gravity.

NOTE Confidence: 0.8672717

00:26:24.750 --> 00:26:26.840 They're not some natural law

NOTE Confidence: 0.8672717

00:26:26.840 --> 00:26:28.930 that just sort of happens.

NOTE Confidence: 0.8672717

00:26:28.930 --> 00:26:31.818 They are the drivers and the result of

NOTE Confidence: 0.8672717

00:26:31.818 --> 00:26:34.158 institutions that create and sustain them.

NOTE Confidence: 0.8672717

00:26:34.160 --> 00:26:36.510 They are populated these institutions

NOTE Confidence: 0.8672717

00:26:36.510 --> 00:26:39.317 by individuals who either actively make

NOTE Confidence: 0.8672717

00:26:39.317 --> 00:26:42.054 decisions to maintain an equity or perhaps.

NOTE Confidence: 0.8672717

00:26:42.060 --> 00:26:43.540 More commonly, they passively

NOTE Confidence: 0.8672717

00:26:43.540 --> 00:26:45.760 maintain an equity by simply looking

NOTE Confidence: 0.8672717

00:26:45.824 --> 00:26:47.707 the other way by not caring quite

NOTE Confidence: 0.8672717

00:26:47.707 --> 00:26:49.420 enough for the least of these.

NOTE Confidence: 0.8672717

00:26:49.420 --> 00:26:51.820 Back to Dubois is quote.

NOTE Confidence: 0.8672717

00:26:51.820 --> 00:26:53.680 When I first started started

NOTE Confidence: 0.8672717

00:26:53.680 --> 00:26:54.796 studying health inequity,

NOTE Confidence: 0.8672717

00:26:54.800 --> 00:26:58.230 I thought the healthcare system was broken.

NOTE Confidence: 0.8672717

00:26:58.230 --> 00:26:59.140 Maybe not.

NOTE Confidence: 0.8672717

00:26:59.140 --> 00:27:01.870 Perhaps like the criminal justice system,

NOTE Confidence: 0.8672717

00:27:01.870 --> 00:27:03.294 it's working as intended.

NOTE Confidence: 0.8672717

00:27:03.294 --> 00:27:05.877 Deanna Hoskins has seen the senior policy

NOTE Confidence: 0.8672717

00:27:05.877 --> 00:27:08.169 advisor for the Department of Justice,

NOTE Confidence: 0.8672717

00:27:08.170 --> 00:27:11.500 Bureau of Justice Assistance is noted.

NOTE Confidence: 0.8672717

00:27:11.500 --> 00:27:13.586 The criminal justice system is not broken.

NOTE Confidence: 0.8672717

00:27:13.590 --> 00:27:15.775 It is operating just as

NOTE Confidence: 0.8672717

00:27:15.775 --> 00:27:17.523 it's designed to operate.

NOTE Confidence: 0.8672717

00:27:17.530 --> 00:27:18.076 The cost,

NOTE Confidence: 0.8672717

00:27:18.076 --> 00:27:19.714 perhaps some of you are familiar

NOTE Confidence: 0.8672717

00:27:19.714 --> 00:27:20.998 with some of this data.

NOTE Confidence: 0.8672717

00:27:21.000 --> 00:27:23.058 The cost of imprisonment in jail in

NOTE Confidence: 0.8672717

00:27:23.058 --> 00:27:25.770 the past 20 years has grown as a faster

NOTE Confidence: 0.8672717

00:27:25.770 --> 00:27:28.138 rate than any other state budget item.

NOTE Confidence: 0.8672717

00:27:28.140 --> 00:27:29.685 It costs about $80.00 a

NOTE Confidence: 0.8672717

00:27:29.685 --> 00:27:31.230 day to house an inmate.

NOTE Confidence: 0.8672717

00:27:31.230 --> 00:27:33.446 And the United States spends in excess of

NOTE Confidence: 0.8672717

00:27:33.446 --> 00:27:35.629 $68 billion a year on corrections federal,

NOTE Confidence: 0.8672717

00:27:35.630 --> 00:27:36.491 state and local.

NOTE Confidence: 0.8672717

00:27:36.491 --> 00:27:38.849 I point this out because we should never

NOTE Confidence: 0.8672717

00:27:38.849 --> 00:27:40.858 assume that we're all united in our

NOTE Confidence: 0.8672717

00:27:40.858 --> 00:27:42.958 desire to eliminate racial inequity.

NOTE Confidence: 0.8672717

00:27:42.960 --> 00:27:45.920 I never assumed that.

NOTE Confidence: 0.8672717

00:27:45.920 --> 00:27:48.349 This is uphill. It's a noble fight.

NOTE Confidence: 0.8672717

00:27:48.350 --> 00:27:51.530 But there's a slope.

NOTE Confidence: 0.8672717

00:27:51.530 --> 00:27:53.915 To that line?

NOTE Confidence: 0.8672717

00:27:53.920 --> 00:27:55.376 OK, social determinants of

NOTE Confidence: 0.8672717

00:27:55.376 --> 00:27:56.468 health impact everyone,

NOTE Confidence: 0.8672717

00:27:56.470 --> 00:27:58.290 but not everyone equally important

NOTE Confidence: 0.8672717

00:27:58.290 --> 00:28:01.730 point here. It can impact all groups.

NOTE Confidence: 0.8672717

00:28:01.730 --> 00:28:04.130 But children in particular

NOTE Confidence: 0.8672717

00:28:04.130 --> 00:28:05.930 are especially vulnerable.

NOTE Confidence: 0.8672717

00:28:05.930 --> 00:28:08.750 Why well?

NOTE Confidence: 0.8672717

00:28:08.750 --> 00:28:10.905 Askeaton, another seven have taught

NOTE Confidence: 0.8672717

00:28:10.905 --> 00:28:13.060 me in terms of developmental.

NOTE Confidence: 0.8672717

00:28:13.060 --> 00:28:14.384 Children are especially vulnerable

NOTE Confidence: 0.8672717

00:28:14.384 --> 00:28:15.377 because the physical,

NOTE Confidence: 0.8672717

00:28:15.380 --> 00:28:16.708 social and emotional capabilities

NOTE Confidence: 0.8672717

00:28:16.708 --> 00:28:18.368 that develop early in life,

NOTE Confidence: 0.8672717

00:28:18.370 --> 00:28:20.694 which many of you are well steep,

NOTE Confidence: 0.8672717

00:28:20.700 --> 00:28:22.360 provide a foundation for life,

NOTE Confidence: 0.8672717

00:28:22.360 --> 00:28:25.550 course health and well being.

NOTE Confidence: 0.8672717

00:28:25.550 --> 00:28:26.729 As I mentioned,

NOTE Confidence: 0.8672717

00:28:26.729 --> 00:28:28.301 developmental scientists have settled

NOTE Confidence: 0.8672717

00:28:28.301 --> 00:28:30.829 on the nature versus nurture debate,

NOTE Confidence: 0.8672717

00:28:30.830 --> 00:28:32.210 both in concert matter.

NOTE Confidence: 0.8672717

00:28:32.210 --> 00:28:34.780 But how they interact with the course

NOTE Confidence: 0.8672717

00:28:34.780 --> 00:28:37.354 of development is still being described.

NOTE Confidence: 0.8672717

00:28:37.360 --> 00:28:38.924 What we do know,

NOTE Confidence: 0.8672717

00:28:38.924 --> 00:28:41.270 as I mentioned with Keating's work.

NOTE Confidence: 0.8672717

00:28:41.270 --> 00:28:42.626 But important nature,

NOTE Confidence: 0.8672717

00:28:42.626 --> 00:28:44.434 nurture interactions occur during

NOTE Confidence: 0.8672717

00:28:44.434 --> 00:28:46.528 early childhood development that set

NOTE Confidence: 0.8672717

00:28:46.528 --> 00:28:48.238 a course throughout someone's life.

NOTE Confidence: 0.8776074

00:28:52.460 --> 00:28:54.868 I'd like to also point out that

NOTE Confidence: 0.8776074

00:28:54.868 --> 00:28:57.004 systematic racism and colorism colorism

NOTE Confidence: 0.8776074

00:28:57.004 --> 00:28:59.080 prejudice or discrimination against

NOTE Confidence: 0.8776074

00:28:59.080 --> 00:29:01.550 individuals with dark skin tone.

NOTE Confidence: 0.8776074

00:29:01.550 --> 00:29:04.875 Among people of the same ethnic group.

NOTE Confidence: 0.8776074

00:29:04.880 --> 00:29:06.465 Are types of determinants which

NOTE Confidence: 0.8776074

00:29:06.465 --> 00:29:08.050 do not impact groups equally.

NOTE Confidence: 0.8776074

00:29:08.050 --> 00:29:09.952 So while social determinants impact all

NOTE Confidence: 0.8776074

00:29:09.952 --> 00:29:12.486 of us, they don't impact us all equally.

NOTE Confidence: 0.8776074

00:29:12.490 --> 00:29:13.444 Much like Kovit,

NOTE Confidence: 0.8776074

00:29:13.444 --> 00:29:15.352 I remember early in the pandemic

NOTE Confidence: 0.8776074

00:29:15.352 --> 00:29:17.239 where COVID is affecting us all.

NOTE Confidence: 0.8776074

00:29:17.240 --> 00:29:19.148 We're all being affected by kovid.

NOTE Confidence: 0.8776074

00:29:19.150 --> 00:29:20.101 That's largely true,

NOTE Confidence: 0.8776074

00:29:20.101 --> 00:29:22.320 but it's not affecting us all equally,

NOTE Confidence: 0.8776074

00:29:22.320 --> 00:29:24.434 and that was brought home to me

NOTE Confidence: 0.8776074

00:29:24.434 --> 00:29:26.439 more than at any other time.

NOTE Confidence: 0.8776074

00:29:26.440 --> 00:29:29.293 When I was freaked out like the rest of

NOTE Confidence: 0.8776074

00:29:29.293 --> 00:29:32.175 us have even walking out the door and

NOTE Confidence: 0.8776074

00:29:32.175 --> 00:29:35.657 going to the grocery store was an adventure.

NOTE Confidence: 0.8776074

00:29:35.660 --> 00:29:37.810 And anxiety.

NOTE Confidence: 0.8776074

00:29:37.810 --> 00:29:39.844 Yet when I talk on the phone with one

NOTE Confidence: 0.8776074

00:29:39.844 --> 00:29:42.058 of a friend I've had since 7th grade.

NOTE Confidence: 0.8776074

00:29:42.060 --> 00:29:43.140 Ann, I said you're out,

NOTE Confidence: 0.8776074

00:29:43.140 --> 00:29:45.598 what are you doing out? And it hit me.

NOTE Confidence: 0.8776074

00:29:45.598 --> 00:29:47.820 He's a mailman. He delivers the mail.

NOTE Confidence: 0.8824414

00:29:50.260 --> 00:29:51.610 He didn't have a choice.

NOTE Confidence: 0.8824414

00:29:51.610 --> 00:29:54.727 He was essential. And the people

NOTE Confidence: 0.8824414

00:29:54.727 --> 00:29:56.890 that we walked by in grocery stores,

NOTE Confidence: 0.8824414

00:29:56.890 --> 00:29:58.186 stocking shelves, essential workers.

NOTE Confidence: 0.8824414

00:29:58.186 --> 00:30:00.881 So we have to keep in mind that

NOTE Confidence: 0.8824414

00:30:00.881 --> 00:30:02.611 this pandemic and these determinants

NOTE Confidence: 0.8824414

00:30:02.611 --> 00:30:04.269 don't affect us all equal.

NOTE Confidence: 0.8824414

00:30:04.270 --> 00:30:05.540 And that's important for us

NOTE Confidence: 0.8824414

00:30:05.540 --> 00:30:07.310 to keep in mind me include.

NOTE Confidence: 0.8824414

00:30:07.310 --> 00:30:08.921 OK, structural inequities.

NOTE Confidence: 0.8824414

00:30:08.921 --> 00:30:12.143 I've mentioned that what are they?

NOTE Confidence: 0.8824414

00:30:12.150 --> 00:30:14.638 Well, they're important 'cause

NOTE Confidence: 0.8824414

00:30:14.638 --> 00:30:17.126 they undergird these drivers.

NOTE Confidence: 0.8824414

00:30:17.130 --> 00:30:19.815 They are the personal interpersonal

NOTE Confidence: 0.8824414

00:30:19.815 --> 00:30:22.780 institution and systematic drivers excuse me,

NOTE Confidence: 0.8824414

00:30:22.780 --> 00:30:24.836 such as racism, sexism,

NOTE Confidence: 0.8824414

00:30:24.836 --> 00:30:26.344 classism, ableism, xenophobia,

NOTE Confidence: 0.8824414

00:30:26.344 --> 00:30:26.841 homophobia,

NOTE Confidence: 0.8824414

00:30:26.841 --> 00:30:29.326 that make those identities salient

NOTE Confidence: 0.8824414

00:30:29.326 --> 00:30:31.976 to the fair distribution of

NOTE Confidence: 0.8824414

00:30:31.976 --> 00:30:34.088 health opportunities and outcomes.

NOTE Confidence: 0.8724802

00:30:36.330 --> 00:30:39.759 I want to point out here that there's a

NOTE Confidence: 0.8724802

00:30:39.759 --> 00:30:42.167 distinction in the American narrative.

NOTE Confidence: 0.8724802

00:30:42.170 --> 00:30:45.098 As you might imagine in the

NOTE Confidence: 0.8724802

00:30:45.098 --> 00:30:47.050 summer after Memorial Day.

NOTE Confidence: 0.8724802

00:30:47.050 --> 00:30:49.858 I was asked to talk to different groups

NOTE Confidence: 0.8724802

00:30:49.858 --> 00:30:52.879 in ways that I hadn't before about

NOTE Confidence: 0.8724802

00:30:52.879 --> 00:30:55.575 racial justice, and I'm not a race

NOTE Confidence: 0.8724802

00:30:55.575 --> 00:30:58.140 researcher by training or by identity.

NOTE Confidence: 0.8724802

00:30:58.140 --> 00:31:01.410 However, I do research and equity.

NOTE Confidence: 0.8724802

00:31:01.410 --> 00:31:02.910 I'm a person of color,

NOTE Confidence: 0.8724802

00:31:02.910 --> 00:31:05.738 therefore I bring myself to my work.

NOTE Confidence: 0.8724802

00:31:05.740 --> 00:31:08.820 So. What I so I did some homework

NOTE Confidence: 0.8724802

00:31:08.820 --> 00:31:11.480 so more reading of history,

NOTE Confidence: 0.8724802

00:31:11.480 --> 00:31:13.210 which has been extremely illuminated,

NOTE Confidence: 0.8724802

00:31:13.210 --> 00:31:15.330 instructed from.

NOTE Confidence: 0.8724802

00:31:15.330 --> 00:31:17.262 And I uncovered that there was a

NOTE Confidence: 0.8724802

00:31:17.262 --> 00:31:18.796 prevailing and Eric American narrative

NOTE Confidence: 0.8724802

00:31:18.796 --> 00:31:20.740 that draws a sharp line between

NOTE Confidence: 0.8724802

00:31:20.740 --> 00:31:22.720 the United States past and present.

NOTE Confidence: 0.8492471

00:31:24.930 --> 00:31:28.154 So within 60s and 70s marking a crucial

NOTE Confidence: 0.8492471

00:31:28.154 --> 00:31:31.547 before and after moment in that narrative,

NOTE Confidence: 0.8492471

00:31:31.550 --> 00:31:33.750 the narrative is search asserts

NOTE Confidence: 0.8492471

00:31:33.750 --> 00:31:35.951 that until the 1950s, U.S.

NOTE Confidence: 0.8492471

00:31:35.951 --> 00:31:38.156 history was shaped by the

NOTE Confidence: 0.8492471

00:31:38.156 --> 00:31:39.920 impacts of past slavery.

NOTE Confidence: 0.8492471

00:31:39.920 --> 00:31:41.243 American Indian removal,

NOTE Confidence: 0.8492471

00:31:41.243 --> 00:31:43.448 lack of rights for women,

NOTE Confidence: 0.8492471

00:31:43.450 --> 00:31:45.655 Jim Crow segregation periods of

NOTE Confidence: 0.8492471

00:31:45.655 --> 00:31:47.419 nativists restrictions on immigration,

NOTE Confidence: 0.8492471

00:31:47.420 --> 00:31:50.066 and waves of mass deportation of

NOTE Confidence: 0.8492471

00:31:50.066 --> 00:31:51.391 Hispanic immigrants, eugenics,

NOTE Confidence: 0.8492471

00:31:51.391 --> 00:31:53.596 the internment of Japanese Americans,

NOTE Confidence: 0.8492471

00:31:53.600 --> 00:31:55.547 Chinese exclusion policies.

NOTE Confidence: 0.8492471

00:31:55.547 --> 00:31:58.792 The criminalization of homosexual acts

NOTE Confidence: 0.8492471

00:31:58.792 --> 00:32:02.865 and more so think 50s pre 50s this past.

NOTE Confidence: 0.8492471

00:32:02.870 --> 00:32:05.680 And then after the 1950s.

NOTE Confidence: 0.8492471

00:32:05.680 --> 00:32:08.592 We had this rush to the present

NOTE Confidence: 0.8492471

00:32:08.592 --> 00:32:10.810 civil rights women's liberation,

NOTE Confidence: 0.8492471

00:32:10.810 --> 00:32:13.140 gay rights, disability rights movements,

NOTE Confidence: 0.8492471

00:32:13.140 --> 00:32:14.490 and their aftermaths.

NOTE Confidence: 0.8492471

00:32:14.490 --> 00:32:17.190 May have contributed or be contributing

NOTE Confidence: 0.8492471

00:32:17.190 --> 00:32:19.618 to this narrative that social,

NOTE Confidence: 0.8492471

00:32:19.620 --> 00:32:21.200 political, and cultural institutions

NOTE Confidence: 0.8492471

00:32:21.200 --> 00:32:23.175 have made progress towards equity,

NOTE Confidence: 0.8492471

00:32:23.180 --> 00:32:25.160 diversity and inclusion.

NOTE Confidence: 0.8492471

00:32:25.160 --> 00:32:27.800 DI it's a thing.

NOTE Confidence: 0.8492471

00:32:27.800 --> 00:32:29.695 Highlights include the Civil Rights

NOTE Confidence: 0.8492471

00:32:29.695 --> 00:32:32.299 Act of 64 Voting Rights Act of 65,

NOTE Confidence: 0.8492471

00:32:32.300 --> 00:32:34.349 Fair Housing Act.

NOTE Confidence: 0.8492471

00:32:34.350 --> 00:32:37.740 Title 9 American with Disabilities Act.

NOTE Confidence: 0.8492471

00:32:37.740 --> 00:32:40.550 Even the Affordable Care Act.

NOTE Confidence: 0.8492471

00:32:40.550 --> 00:32:43.358 And most recently, the Supreme Court

NOTE Confidence: 0.8492471

00:32:43.358 --> 00:32:45.950 case that legalized marriage equality.

NOTE Confidence: 0.8492471

00:32:45.950 --> 00:32:46.932 United States.

NOTE Confidence: 0.8492471

00:32:46.932 --> 00:32:48.896 Yes, that was progress.

NOTE Confidence: 0.8492471

00:32:48.900 --> 00:32:50.352 That is progress.

NOTE Confidence: 0.8492471

00:32:50.352 --> 00:32:50.836 However,

NOTE Confidence: 0.8492471

00:32:50.836 --> 00:32:53.740 when we look at remaining persistent

NOTE Confidence: 0.8492471

00:32:53.822 --> 00:32:55.360 structural inequity.

NOTE Confidence: 0.8492471

00:32:55.360 --> 00:32:57.690 I'd like us to reconsider

NOTE Confidence: 0.8492471

00:32:57.690 --> 00:32:59.554 that before after narrative,

NOTE Confidence: 0.8492471

00:32:59.560 --> 00:33:03.192 even after what I call this past summer

NOTE Confidence: 0.8492471

00:33:03.192 --> 00:33:06.190 of radical racial reconciliation.

NOTE Confidence: 0.8492471

00:33:06.190 --> 00:33:08.353 How much of that energy will be

NOTE Confidence: 0.8492471

00:33:08.353 --> 00:33:10.345 sustained and how will we know

NOTE Confidence: 0.8492471

00:33:10.345 --> 00:33:12.015 what indicators might we use

NOTE Confidence: 0.8492471

00:33:12.015 --> 00:33:14.009 'cause from a health standpoint,

NOTE Confidence: 0.8492471

00:33:14.010 --> 00:33:17.209 I'm still looking for evidence of that.

NOTE Confidence: 0.8492471

00:33:17.210 --> 00:33:18.470 Sharp distinction.

NOTE Confidence: 0.84991497

00:33:23.780 --> 00:33:25.244 Persistent racial inequity suggests

NOTE Confidence: 0.84991497

00:33:25.244 --> 00:33:27.780 that the distinction is not so good.

NOTE Confidence: 0.7895498

00:33:30.280 --> 00:33:31.550 OK, causes of racial inequity.

NOTE Confidence: 0.7895498

00:33:31.550 --> 00:33:34.434 I alluded to this a little earlier.

NOTE Confidence: 0.7895498

00:33:34.440 --> 00:33:36.756 For kovit or similar to the

NOTE Confidence: 0.7895498

00:33:36.756 --> 00:33:38.300 causes of persistent inequity

NOTE Confidence: 0.7895498

00:33:38.368 --> 00:33:40.400 for common chronic conditions.

NOTE Confidence: 0.7895498

00:33:40.400 --> 00:33:42.956 So I cited some data earlier

NOTE Confidence: 0.7895498

00:33:42.956 --> 00:33:44.234 about racial inequity,

NOTE Confidence: 0.7895498

00:33:44.240 --> 00:33:46.914 and we see that the structural social

NOTE Confidence: 0.7895498

00:33:46.914 --> 00:33:49.089 factors exert have exerted are

NOTE Confidence: 0.7895498

00:33:49.089 --> 00:33:51.479 exerting their influence on COVID-19.

NOTE Confidence: 0.7895498

00:33:51.480 --> 00:33:53.180 Again, risk of infection

NOTE Confidence: 0.7895498

00:33:53.180 --> 00:33:54.455 hospitalization and death,

NOTE Confidence: 0.7895498

00:33:54.460 --> 00:33:57.016 and that shouldn't shock us right?

NOTE Confidence: 0.7895498

00:33:57.020 --> 00:33:59.708 Wouldn't it wouldn't be surprising if we

NOTE Confidence: 0.7895498

00:33:59.708 --> 00:34:02.560 found that somehow these structural factors,

NOTE Confidence: 0.7895498

00:34:02.560 --> 00:34:04.970 which are by definition structural.

NOTE Confidence: 0.7895498

00:34:04.970 --> 00:34:06.730 Wouldn't be exerting an influence

NOTE Confidence: 0.7895498

00:34:06.730 --> 00:34:08.846 on covert outcomes for me early

NOTE Confidence: 0.7895498

00:34:08.846 --> 00:34:10.855 in the pandemic and I'll talk a

NOTE Confidence: 0.7895498

00:34:10.855 --> 00:34:12.924 little bit more about where my work

NOTE Confidence: 0.7895498

00:34:12.924 --> 00:34:15.061 is today and where it's headed.

NOTE Confidence: 0.7895498

00:34:15.061 --> 00:34:19.546 I saw a crisis room. Because these

NOTE Confidence: 0.7895498

00:34:19.546 --> 00:34:21.498 structural factors are structural.

NOTE Confidence: 0.7895498

00:34:21.500 --> 00:34:24.468 So what we found in some early data.

NOTE Confidence: 0.7895498

00:34:24.470 --> 00:34:27.067 This is a Banga is a wonderful

NOTE Confidence: 0.7895498

00:34:27.067 --> 00:34:28.180 mentor of mine.

NOTE Confidence: 0.7895498

00:34:28.180 --> 00:34:29.664 He's at the university.

NOTE Confidence: 0.7895498

00:34:29.664 --> 00:34:30.777 He's at NYU.

NOTE Confidence: 0.7895498

00:34:30.780 --> 00:34:32.635 School of Medicine does some

NOTE Confidence: 0.7895498

00:34:32.635 --> 00:34:34.490 wonderful work in population health.

NOTE Confidence: 0.7895498

00:34:34.490 --> 00:34:37.170 Published in JAMA in September.

NOTE Confidence: 0.7895498

00:34:37.170 --> 00:34:39.165 Addressing some of it questions

NOTE Confidence: 0.7895498

00:34:39.165 --> 00:34:40.362 about genetic predisposition

NOTE Confidence: 0.7895498

00:34:40.362 --> 00:34:42.040 predisposition to COVID infection,

NOTE Confidence: 0.7895498

00:34:42.040 --> 00:34:44.476 they ask that was out there

NOTE Confidence: 0.7895498

00:34:44.476 --> 00:34:46.100 reasonable questions to ask.

NOTE Confidence: 0.7895498

00:34:46.100 --> 00:34:48.125 But are people of color

NOTE Confidence: 0.7895498

00:34:48.125 --> 00:34:48.935 genetically predisposed?

NOTE Confidence: 0.7895498

00:34:48.940 --> 00:34:51.436 The questions were asked and answered

NOTE Confidence: 0.7895498

00:34:51.436 --> 00:34:53.820 by Gbenga and others that yes,

NOTE Confidence: 0.7895498

00:34:53.820 --> 00:34:55.800 social factors like greater proportion

NOTE Confidence: 0.7895498

00:34:55.800 --> 00:34:58.280 of essential jobs like my friend,

NOTE Confidence: 0.7895498

00:34:58.280 --> 00:35:01.094 my lifelong friend who delivers the mail

NOTE Confidence: 0.7895498

00:35:01.094 --> 00:35:03.560 continues to deliver the mail everyday.

NOTE Confidence: 0.7895498

00:35:03.560 --> 00:35:06.980 Never missed a day of work.

NOTE Confidence: 0.7895498

00:35:06.980 --> 00:35:08.978 Number of people in the household.

NOTE Confidence: 0.7895498

00:35:08.980 --> 00:35:10.650 Multi generations in the household,

NOTE Confidence: 0.7895498

00:35:10.650 --> 00:35:12.765 the things that we know

NOTE Confidence: 0.7895498

00:35:12.765 --> 00:35:14.880 predispose you to COVID risk.

NOTE Confidence: 0.7895498

00:35:14.880 --> 00:35:16.568 Also exert their influence

NOTE Confidence: 0.7895498

00:35:16.568 --> 00:35:18.678 disproportionately on people of color.

NOTE Confidence: 0.9090801

00:35:24.360 --> 00:35:27.288 So just as medical care alone.

NOTE Confidence: 0.9090801

00:35:27.290 --> 00:35:29.354 Has not rat eradicated

NOTE Confidence: 0.9090801

00:35:29.354 --> 00:35:31.418 racial inequities in health?

NOTE Confidence: 0.9090801

00:35:31.420 --> 00:35:33.710 Medical care alone will not

NOTE Confidence: 0.9090801

00:35:33.710 --> 00:35:35.826 result in racial, ethnic,

NOTE Confidence: 0.9090801

00:35:35.826 --> 00:35:39.506 ethnic inequities for COVID inequity.

NOTE Confidence: 0.9090801

00:35:39.510 --> 00:35:42.174 So I, as I've been reading about vaccine

NOTE Confidence: 0.9090801

00:35:42.174 --> 00:35:44.353 rollouts and I'll talk a little bit

NOTE Confidence: 0.9090801

00:35:44.353 --> 00:35:46.618 about some of that data in a moment.

NOTE Confidence: 0.9090801

00:35:46.620 --> 00:35:47.835 It occurred to me early

NOTE Confidence: 0.9090801

00:35:47.835 --> 00:35:49.050 on that this is great.

NOTE Confidence: 0.9090801

00:35:49.050 --> 00:35:51.507 Our bench scientists are going to work.

NOTE Confidence: 0.9090801

00:35:51.510 --> 00:35:54.450 And God level yes, we need that.

NOTE Confidence: 0.9090801

00:35:54.450 --> 00:35:57.018 Should create a vaccine.

NOTE Confidence: 0.9090801

00:35:57.020 --> 00:36:00.688 And they get. However.

NOTE Confidence: 0.9090801

00:36:00.690 --> 00:36:03.378 We also need the social scientists

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NOTE Confidence: 0.9090801

00:36:03.378 --> 00:36:04.722 to bring that.

NOTE Confidence: 0.9090801

00:36:04.730 --> 00:36:07.420 Bench science genius to real.

NOTE Confidence: 0.87946844

00:36:09.940 --> 00:36:11.430 OK, it's important to understand.

NOTE Confidence: 0.87946844

00:36:11.430 --> 00:36:13.195 I'd like to discuss some

NOTE Confidence: 0.87946844

00:36:13.195 --> 00:36:15.340 work that I'm I'm into now.

NOTE Confidence: 0.87946844

00:36:15.340 --> 00:36:17.188 So early in the pandemic I

NOTE Confidence: 0.87946844

00:36:17.188 --> 00:36:18.420 speculated that social determinants,

NOTE Confidence: 0.87946844

00:36:18.420 --> 00:36:20.604 which I have been reading about

NOTE Confidence: 0.87946844

00:36:20.604 --> 00:36:22.464 studying and writing about for

NOTE Confidence: 0.87946844

00:36:22.464 --> 00:36:24.139 several years at that point.

NOTE Confidence: 0.87946844

00:36:24.140 --> 00:36:27.345 Combined. With people of color

NOTE Confidence: 0.87946844

00:36:27.345 --> 00:36:29.909 having high medical mistrust.

NOTE Confidence: 0.87946844

00:36:29.910 --> 00:36:31.989 Which was an area that I hadn't

NOTE Confidence: 0.87946844

00:36:31.989 --> 00:36:33.990 done much work in specifically.

NOTE Confidence: 0.87946844

00:36:33.990 --> 00:36:37.222 Also, the proliferation of

NOTE Confidence: 0.87946844

00:36:37.222 --> 00:36:39.646 misinformation and disinformation.

NOTE Confidence: 0.87946844

00:36:39.650 --> 00:36:43.269 But it was vital to understand perceptions.

NOTE Confidence: 0.87946844

00:36:43.270 --> 00:36:44.622 Particularly a future vaccine.

NOTE Confidence: 0.87946844

00:36:44.622 --> 00:36:47.833 This is back in the fall or actually this

NOTE Confidence: 0.87946844

00:36:47.833 --> 00:36:50.451 summer was going to affect behavior because.

NOTE Confidence: 0.87946844

00:36:50.460 --> 00:36:53.162 Part of what I'm really interested in

NOTE Confidence: 0.87946844

00:36:53.162 --> 00:36:56.708 is how do perceptions impact behavior?

NOTE Confidence: 0.87946844

00:36:56.710 --> 00:36:58.890 To what degree do they?

NOTE Confidence: 0.87946844

00:36:58.890 --> 00:37:00.615 Because they do.

NOTE Confidence: 0.87946844

00:37:00.615 --> 00:37:01.190 So.

NOTE Confidence: 0.82082033

00:37:03.330 --> 00:37:05.616 Given this high level of mistrust,

NOTE Confidence: 0.82082033

00:37:05.620 --> 00:37:07.520 given all, by the way,

NOTE Confidence: 0.82082033

00:37:07.520 --> 00:37:09.088 is an information scientist,

NOTE Confidence: 0.82082033

00:37:09.088 --> 00:37:11.440 I must point out that misinformation

NOTE Confidence: 0.82082033

00:37:11.506 --> 00:37:13.618 and disinformation or not the same.

NOTE Confidence: 0.82082033

00:37:13.620 --> 00:37:15.140 They aren't synonyms, misinformation,

NOTE Confidence: 0.82082033

00:37:15.140 --> 00:37:15.900 wrong disinformation,

NOTE Confidence: 0.82082033

00:37:15.900 --> 00:37:16.662 deliberately wrong.

NOTE Confidence: 0.82082033

00:37:16.662 --> 00:37:18.186 That's the new monik.

NOTE Confidence: 0.82082033

00:37:18.190 --> 00:37:19.546 Just information deliberate.

NOTE Confidence: 0.82082033

00:37:19.546 --> 00:37:21.806 They are not the same.

NOTE Confidence: 0.82082033

00:37:21.810 --> 00:37:24.066 Some people just don't know or some sources

NOTE Confidence: 0.82082033

00:37:24.066 --> 00:37:26.540 are not sure where as dis information is

NOTE Confidence: 0.82082033

00:37:26.540 --> 00:37:28.887 a deliberate attempt to decieve DDD got it,

NOTE Confidence: 0.82082033

00:37:28.890 --> 00:37:30.066 got the new mnemonic.

NOTE Confidence: 0.82082033

00:37:30.066 --> 00:37:31.536 That's the one I use.

NOTE Confidence: 0.82082033

00:37:31.540 --> 00:37:33.810 Use whatever one you wish.

NOTE Confidence: 0.82082033

00:37:33.810 --> 00:37:36.110 So in the early summer.

NOTE Confidence: 0.82082033

00:37:36.110 --> 00:37:38.495 Largely due to the perceptions

NOTE Confidence: 0.82082033

00:37:38.495 --> 00:37:41.393 and beliefs I was hearing upon

NOTE Confidence: 0.82082033

00:37:41.393 --> 00:37:43.949 my network of people of color.

NOTE Confidence: 0.82082033

00:37:43.950 --> 00:37:46.020 About where this came from.

NOTE Confidence: 0.82082033

00:37:46.020 --> 00:37:47.451 Who was responsible?

NOTE Confidence: 0.82082033

00:37:47.451 --> 00:37:50.313 What's going to happen when a

NOTE Confidence: 0.82082033

00:37:50.313 --> 00:37:52.389 treatment or a vaccine comes?

NOTE Confidence: 0.82082033

00:37:52.390 --> 00:37:54.070 Exacerbated by miss and disinformation.

NOTE Confidence: 0.82082033

00:37:54.070 --> 00:37:55.995 Remember back to the glorious

NOTE Confidence: 0.82082033

00:37:55.995 --> 00:37:58.344 time last summer and last fall

NOTE Confidence: 0.82082033

00:37:58.344 --> 00:38:00.794 and we were hearing all kinds of

NOTE Confidence: 0.82082033

00:38:00.794 --> 00:38:02.968 things about all kinds of topics.

NOTE Confidence: 0.82082033

00:38:02.970 --> 00:38:05.298 Some did some misinformation.

NOTE Confidence: 0.82082033

00:38:05.298 --> 00:38:08.790 I thought that we might have

NOTE Confidence: 0.82082033

00:38:08.898 --> 00:38:11.410 a crisis looming because.

NOTE Confidence: 0.82082033

00:38:11.410 --> 00:38:14.804 Vaccines don't make us safe, vaccinations do.

NOTE Confidence: 0.82082033

00:38:14.804 --> 00:38:18.116 So we need the bench scientists.

NOTE Confidence: 0.82082033

00:38:18.120 --> 00:38:19.566 To help us.

NOTE Confidence: 0.82082033

00:38:19.566 --> 00:38:22.940 Do their work to develop the vaccines,

NOTE Confidence: 0.82082033

00:38:22.940 --> 00:38:26.246 but that's part of the journey.

NOTE Confidence: 0.82082033

00:38:26.250 --> 00:38:28.246 What we're seeing now?

NOTE Confidence: 0.82082033

00:38:28.246 --> 00:38:30.741 Are where social determinants may

NOTE Confidence: 0.82082033

00:38:30.741 --> 00:38:33.820 exert their influence on vaccination.

NOTE Confidence: 0.82082033

00:38:33.820 --> 00:38:35.080 Because vaccines don't make

NOTE Confidence: 0.82082033

00:38:35.080 --> 00:38:36.025 us safe vaccinations.

NOTE Confidence: 0.8354953

00:38:38.460 --> 00:38:41.684 So a key tenant that I wanted to.

NOTE Confidence: 0.8354953

00:38:41.690 --> 00:38:43.622 Incorporate into this work which turned

NOTE Confidence: 0.8354953

00:38:43.622 --> 00:38:45.690 into the COVID and race project.

NOTE Confidence: 0.8354953

00:38:45.690 --> 00:38:47.496 The sites up is that intragroup

NOTE Confidence: 0.8354953

00:38:47.496 --> 00:38:49.350 differences were important to investigate.

NOTE Confidence: 0.8354953

00:38:49.350 --> 00:38:51.010 Largely in I mentioned earlier,

NOTE Confidence: 0.8354953

00:38:51.010 --> 00:38:52.680 bring myself to my work.

NOTE Confidence: 0.8354953

00:38:52.680 --> 00:38:55.336 I was when I, when I was trained,

NOTE Confidence: 0.8354953

00:38:55.340 --> 00:38:57.338 I was trying to mix methods.

NOTE Confidence: 0.8354953

00:38:57.340 --> 00:38:59.010 I do mixed methods work,

NOTE Confidence: 0.8354953

00:38:59.010 --> 00:39:01.158 but in my qualitative training I

NOTE Confidence: 0.8354953

00:39:01.158 --> 00:39:03.316 remember a particular lesson where it

NOTE Confidence: 0.8354953

00:39:03.316 --> 00:39:04.961 says the qualitative researcher goes

NOTE Confidence: 0.8354953

00:39:04.961 --> 00:39:07.656 in with an empty mind and an open mind,

NOTE Confidence: 0.8354953

00:39:07.660 --> 00:39:10.060 but not an empty head.

NOTE Confidence: 0.8354953

00:39:10.060 --> 00:39:12.100 An open mind, but not an empty head,

NOTE Confidence: 0.8354953

00:39:12.100 --> 00:39:13.660 and that resonated with me 'cause

NOTE Confidence: 0.8354953

00:39:13.660 --> 00:39:15.160 I bring myself to my work.

NOTE Confidence: 0.8354953

00:39:15.160 --> 00:39:16.180 How can you not?

NOTE Confidence: 0.8354953

00:39:16.180 --> 00:39:17.200 As a social worker,

NOTE Confidence: 0.8354953

00:39:17.200 --> 00:39:19.495 I know that you bring yourself to your work.

NOTE Confidence: 0.8354953

00:39:19.500 --> 00:39:22.756 You don't leave your experiences at the door.

NOTE Confidence: 0.8354953

00:39:22.760 --> 00:39:24.748 Or before you get into your analysis

NOTE Confidence: 0.8354953

00:39:24.748 --> 00:39:26.459 or before you start writing,

NOTE Confidence: 0.8354953

00:39:26.460 --> 00:39:27.808 it comes with you.

NOTE Confidence: 0.8354953

00:39:27.808 --> 00:39:30.385 Embrace it so I knew that black

NOTE Confidence: 0.8354953

00:39:30.385 --> 00:39:32.750 people of color were different.

NOTE Confidence: 0.8354953

00:39:32.750 --> 00:39:35.326 Rob and I may be people of color,

NOTE Confidence: 0.8354953

00:39:35.330 --> 00:39:37.598 but that might be we have similarities,

NOTE Confidence: 0.8354953

00:39:37.600 --> 00:39:39.210 but we also have distinctions

NOTE Confidence: 0.8354953

00:39:39.210 --> 00:39:39.854 and differences.

NOTE Confidence: 0.8354953

00:39:39.860 --> 00:39:41.560 So intergroup relations were

NOTE Confidence: 0.8354953

00:39:41.560 --> 00:39:43.685 important for me to understand.

NOTE Confidence: 0.8354953

00:39:43.690 --> 00:39:44.962 And there are.

NOTE Confidence: 0.8354953

00:39:44.962 --> 00:39:46.658 Validated acculturation skills that

NOTE Confidence: 0.8354953

00:39:46.658 --> 00:39:49.993 have been around for a couple of decades

NOTE Confidence: 0.8354953

00:39:49.993 --> 00:39:51.593 to measure intergroup difference.

NOTE Confidence: 0.8354953

00:39:51.600 --> 00:39:53.910 Because if we're going to create

NOTE Confidence: 0.8354953

00:39:53.910 --> 00:39:54.680 an intervention,

NOTE Confidence: 0.8354953

00:39:54.680 --> 00:39:56.924 or if we're going to target

NOTE Confidence: 0.8354953

00:39:56.924 --> 00:39:58.920 a group that's at risk,

NOTE Confidence: 0.8354953

00:39:58.920 --> 00:40:01.784 how do we possibly do that with just

NOTE Confidence: 0.8354953

00:40:01.784 --> 00:40:04.519 having all the Asian Americans in one

NOTE Confidence: 0.8354953

00:40:04.519 --> 00:40:08.670 group Latin X in another group, and?

NOTE Confidence: 0.8354953

00:40:08.670 --> 00:40:11.490 Blacks in another.

NOTE Confidence: 0.8354953

00:40:11.490 --> 00:40:14.070 So here's an opportunity to apply

NOTE Confidence: 0.8354953

00:40:14.070 --> 00:40:16.638 acculturation scales for me in my work.

NOTE Confidence: 0.8354953

00:40:16.640 --> 00:40:16.987 Anyway,

NOTE Confidence: 0.8354953

00:40:16.987 --> 00:40:19.069 to to test the hypothesis that

NOTE Confidence: 0.8354953

00:40:19.069 --> 00:40:20.110 intergroup differences would

NOTE Confidence: 0.8354953

00:40:20.165 --> 00:40:21.905 help target health information

NOTE Confidence: 0.8354953

00:40:21.905 --> 00:40:23.645 interventions and address potential

NOTE Confidence: 0.8354953

00:40:23.645 --> 00:40:25.350 racial inequities in vaccination.

NOTE Confidence: 0.8354953

00:40:25.350 --> 00:40:28.518 Again, at the time this was last May,

NOTE Confidence: 0.8354953

00:40:28.520 --> 00:40:31.285 I was interested in a future vaccine.

NOTE Confidence: 0.83364606

00:40:33.650 --> 00:40:35.006 Using mistrust and perceptions,

NOTE Confidence: 0.83364606

00:40:35.006 --> 00:40:37.409 we could measure that that's what we do.

NOTE Confidence: 0.83364606

00:40:37.410 --> 00:40:39.922 We ask questions and we try to measure

NOTE Confidence: 0.83364606

00:40:39.922 --> 00:40:42.097 and that's what we do in research.

NOTE Confidence: 0.83364606

00:40:42.100 --> 00:40:47.184 So what I did. Right in July, August,

NOTE Confidence: 0.83364606

00:40:47.184 --> 00:40:51.241 when I started at MIT, I connected with

NOTE Confidence: 0.83364606

00:40:51.241 --> 00:40:54.650 a behavioral economist at MIT, Dave ran.

NOTE Confidence: 0.83364606

00:40:54.650 --> 00:40:57.260 Added some of his expertise given

NOTE Confidence: 0.83364606

00:40:57.260 --> 00:41:00.486 he does online surveys all the

NOTE Confidence: 0.83364606

00:41:00.486 --> 00:41:02.750 time that measure perceptions.

NOTE Confidence: 0.83364606

00:41:02.750 --> 00:41:06.128 Again, this notion of interdisciplinary enter

NOTE Confidence: 0.83364606

00:41:06.128 --> 00:41:09.208 discipline work is extremely important if

NOTE Confidence: 0.83364606

00:41:09.208 --> 00:41:12.649 for in most cases I think I've heard of 1,

NOTE Confidence: 0.83364606

00:41:12.650 --> 00:41:15.158 there's no traditional academic

NOTE Confidence: 0.83364606

00:41:15.158 --> 00:41:17.039 Center for HealthEquity.

NOTE Confidence: 0.83364606

00:41:17.040 --> 00:41:19.572 HealthEquity, just like the virus doesn't

NOTE Confidence: 0.83364606

00:41:19.572 --> 00:41:21.890 care about your political leanings.

NOTE Confidence: 0.83364606

00:41:21.890 --> 00:41:24.180 Equity work doesn't care about

NOTE Confidence: 0.83364606

00:41:24.180 --> 00:41:26.012 what your doctorate isn't.

NOTE Confidence: 0.83364606

00:41:26.020 --> 00:41:29.116 Or where your academic home is.

NOTE Confidence: 0.83364606

00:41:29.120 --> 00:41:30.746 It's definitionally multidisciplinar,

NOTE Confidence: 0.83364606

00:41:30.746 --> 00:41:33.998 so we combine and we have

NOTE Confidence: 0.83364606

00:41:33.998 --> 00:41:36.490 run various experiments on.

NOTE Confidence: 0.83364606

00:41:36.490 --> 00:41:39.650 We've established it, yes intragroup.

NOTE Confidence: 0.83364606

00:41:39.650 --> 00:41:41.254 Racial perceptions do affect

NOTE Confidence: 0.83364606

00:41:41.254 --> 00:41:42.056 COVID perceptions.

NOTE Confidence: 0.83364606

00:41:42.060 --> 00:41:43.182 There's a strong.

NOTE Confidence: 0.83364606

00:41:43.182 --> 00:41:45.800 This is preview now where where our

NOTE Confidence: 0.83364606

00:41:45.878 --> 00:41:48.068 work hasn't been published yet.

NOTE Confidence: 0.83364606

00:41:48.070 --> 00:41:50.224 We're submitting a research brief end

NOTE Confidence: 0.83364606

00:41:50.224 --> 00:41:52.887 of this week early next that shows

NOTE Confidence: 0.83364606

00:41:52.887 --> 00:41:54.812 that there's a strong correlation

NOTE Confidence: 0.83364606

00:41:54.812 --> 00:41:56.808 where less acculturated participants

NOTE Confidence: 0.83364606

00:41:56.808 --> 00:41:59.698 have more negative vaccine attitudes.

NOTE Confidence: 0.83364606

00:41:59.700 --> 00:42:01.290 And this relationship is fully mediated

NOTE Confidence: 0.83364606

00:42:01.290 --> 00:42:03.248 by suspicion in the health care system,

NOTE Confidence: 0.83364606

00:42:03.250 --> 00:42:04.615 and that's something that all

NOTE Confidence: 0.83364606

00:42:04.615 --> 00:42:05.980 of us should care about.

NOTE Confidence: 0.83364606

00:42:05.980 --> 00:42:08.170 Those of us that touch patients

NOTE Confidence: 0.83364606

00:42:08.170 --> 00:42:10.959 or do work that eventually does.

NOTE Confidence: 0.83364606

00:42:10.960 --> 00:42:12.776 On the flip side,

NOTE Confidence: 0.83364606

00:42:12.776 --> 00:42:15.046 less acculturated participants are more

NOTE Confidence: 0.83364606

00:42:15.046 --> 00:42:17.776 likely also to have had themselves

NOTE Confidence: 0.83364606

00:42:17.776 --> 00:42:20.689 family or friends hospitalised due to Kovit.

NOTE Confidence: 0.83364606

00:42:20.690 --> 00:42:24.310 So it reveals differential exposure.

NOTE Confidence: 0.83364606

00:42:24.310 --> 00:42:25.690 To harm from cobett

NOTE Confidence: 0.8225573

00:42:33.110 --> 00:42:37.014 OK, so moving forward we are going to

NOTE Confidence: 0.8225573

00:42:37.014 --> 00:42:42.377 run more experiments to try to refine and

NOTE Confidence: 0.8225573

00:42:42.377 --> 00:42:45.650 finetune where perceptions connect to.

NOTE Confidence: 0.8225573

00:42:45.650 --> 00:42:48.410 Behavior, intended behavior and outcomes,

NOTE Confidence: 0.8225573

00:42:48.410 --> 00:42:52.267 and this is work that holds potential.

NOTE Confidence: 0.8225573

00:42:52.270 --> 00:42:55.930 I hope long after COVID.

NOTE Confidence: 0.8225573

00:42:55.930 --> 00:42:57.376 Or long after COVID is contained,

NOTE Confidence: 0.8225573

00:42:57.380 --> 00:42:58.652 let me say that.

NOTE Confidence: 0.8225573

00:42:58.652 --> 00:43:00.915 Because I think that there's quite an

NOTE Confidence: 0.8225573

00:43:00.915 --> 00:43:02.924 opportunity for us to get a little

NOTE Confidence: 0.8225573

00:43:02.924 --> 00:43:05.211 bit more refined and understanding

NOTE Confidence: 0.8225573

00:43:05.211 --> 00:43:06.858 where perceptions influence

NOTE Confidence: 0.8225573

00:43:06.858 --> 00:43:09.054 behavior which influence outcomes.

NOTE Confidence: 0.8225573

00:43:09.060 --> 00:43:10.960 So what we're doing now,

NOTE Confidence: 0.8225573

00:43:10.960 --> 00:43:12.860 we've applied for some funding

NOTE Confidence: 0.8225573

00:43:12.860 --> 00:43:14.000 internally at MIT.

NOTE Confidence: 0.8225573

00:43:14.000 --> 00:43:16.275 We've structured a project that

NOTE Confidence: 0.8225573

00:43:16.275 --> 00:43:18.550 has two central objectives first.

NOTE Confidence: 0.8225573

00:43:18.550 --> 00:43:21.710 We want to with a larger population measure,

NOTE Confidence: 0.8225573

00:43:21.710 --> 00:43:23.785 hasn't vaccine hesitancy and its

NOTE Confidence: 0.8225573

00:43:23.785 --> 00:43:25.860 underlying perceptions and beliefs in

NOTE Confidence: 0.8225573

00:43:25.928 --> 00:43:28.208 order to develop messaging approaches to

NOTE Confidence: 0.8225573

00:43:28.208 --> 00:43:30.798 help address the causes of his hesitancy,

NOTE Confidence: 0.8225573

00:43:30.800 --> 00:43:33.320 it's no longer sufficient to just

NOTE Confidence: 0.8225573

00:43:33.320 --> 00:43:36.275 say that people of color have

NOTE Confidence: 0.8225573

00:43:36.275 --> 00:43:38.066 higher mistrust therefore.

NOTE Confidence: 0.8225573

00:43:38.070 --> 00:43:41.679 I think that can be used as an excuse.

NOTE Confidence: 0.8225573

00:43:41.680 --> 00:43:43.880 To shut down the efforts.

NOTE Confidence: 0.8225573

00:43:43.880 --> 00:43:45.672 To reach people and meet them where

NOTE Confidence: 0.8225573

00:43:45.672 --> 00:43:47.720 they are and also understand the

NOTE Confidence: 0.8225573

00:43:47.720 --> 00:43:49.750 influence of structural factors like

NOTE Confidence: 0.8225573

00:43:49.750 --> 00:43:51.745 social determinants which may be

NOTE Confidence: 0.8225573

00:43:51.745 --> 00:43:53.615 presenting barriers to FactSet vaccination.

NOTE Confidence: 0.8225573

00:43:53.620 --> 00:43:55.544 This is important because

NOTE Confidence: 0.8225573

00:43:55.544 --> 00:43:56.987 there's emerging research.

NOTE Confidence: 0.8225573

00:43:56.990 --> 00:43:59.402 That suggests.

NOTE Confidence: 0.8225573

00:43:59.402 --> 00:44:02.305 That intention to receive a COVID

NOTE Confidence: 0.8225573

00:44:02.305 --> 00:44:04.441 vaccine may be actually higher among

NOTE Confidence: 0.8225573

00:44:04.441 --> 00:44:06.709 black Americans and other racial groups,

NOTE Confidence: 0.8225573

00:44:06.710 --> 00:44:08.828 specifically white men.

NOTE Confidence: 0.8225573

00:44:08.830 --> 00:44:10.750 May perhaps some of you have

NOTE Confidence: 0.8225573

00:44:10.750 --> 00:44:12.450 seen some of this data.

NOTE Confidence: 0.8225573

00:44:12.450 --> 00:44:14.834 This is a publish or it there was

NOTE Confidence: 0.8225573

00:44:14.834 --> 00:44:17.194 a poll that NPR help sponsor about

NOTE Confidence: 0.8225573

00:44:17.194 --> 00:44:19.980 a week and a half ago that found

NOTE Confidence: 0.8225573

00:44:19.980 --> 00:44:22.066 that 73% of adult black Americans

NOTE Confidence: 0.8225573

00:44:22.066 --> 00:44:24.160 intended to get the vaccine when

NOTE Confidence: 0.8225573

00:44:24.224 --> 00:44:26.029 it became available again when

NOTE Confidence: 0.8225573

00:44:26.029 --> 00:44:27.834 it became available to them.

NOTE Confidence: 0.8225573

00:44:27.840 --> 00:44:31.866 Higher than white men who leaned

NOTE Confidence: 0.8225573

00:44:31.866 --> 00:44:34.550 conservative or a Republican.

NOTE Confidence: 0.8225573

00:44:34.550 --> 00:44:36.020 So it's important to understand these

NOTE Confidence: 0.8225573

00:44:36.020 --> 00:44:37.570 inequities and that would be an equity

NOTE Confidence: 0.8225573

00:44:37.570 --> 00:44:39.150 and equity that we would want to address,

NOTE Confidence: 0.8225573

00:44:39.150 --> 00:44:42.960 or at least some of us would want to address.

NOTE Confidence: 0.8225573

00:44:42.960 --> 00:44:46.890 So preliminary data suggests that.

NOTE Confidence: 0.8225573

00:44:46.890 --> 00:44:48.416 Social determinants,

NOTE Confidence: 0.8225573

00:44:48.416 --> 00:44:51.468 not just medical mistrust.

NOTE Confidence: 0.8225573

00:44:51.470 --> 00:44:53.238 May explain racial disparities

NOTE Confidence: 0.8225573

00:44:53.238 --> 00:44:54.564 in vaccination rates,

NOTE Confidence: 0.8225573

00:44:54.570 --> 00:44:57.475 so we will solicit feedback on efforts

NOTE Confidence: 0.8225573

00:44:57.475 --> 00:45:01.343 made to get insight or to get to get

NOTE Confidence: 0.8225573

00:45:01.343 --> 00:45:03.870 vaccination to get further insights.

NOTE Confidence: 0.8225573

00:45:03.870 --> 00:45:06.635 So we're hopeful that these insights will

NOTE Confidence: 0.8225573

00:45:06.635 --> 00:45:09.447 will will help us address vaccination

NOTE Confidence: 0.8225573

00:45:09.447 --> 00:45:12.027 disparities and just real quickly

NOTE Confidence: 0.8225573

00:45:12.027 --> 00:45:14.337 here vaccination disparities by race

NOTE Confidence: 0.8225573

00:45:14.337 --> 00:45:17.151 are or reported all over the country.

NOTE Confidence: 0.8225573

00:45:17.160 --> 00:45:19.818 LA had a particularly interesting and

NOTE Confidence: 0.8225573

00:45:19.818 --> 00:45:22.380 comprehensive view where, as of February.

NOTE Confidence: 0.8225573

00:45:22.380 --> 00:45:24.840 14th you see the dramatic differences

NOTE Confidence: 0.8225573

00:45:24.840 --> 00:45:27.519 in race according to vaccination.

NOTE Confidence: 0.8225573

00:45:27.520 --> 00:45:28.420 Actual vaccination.

NOTE Confidence: 0.7872617

00:45:30.620 --> 00:45:31.955 Somewhat ironically, people of color

NOTE Confidence: 0.7872617

00:45:31.955 --> 00:45:33.290 are vaccinated at lower rates.

NOTE Confidence: 0.7872617

00:45:33.290 --> 00:45:36.140 They are at highest risk.

NOTE Confidence: 0.7872617

00:45:36.140 --> 00:45:37.860 OK, so in summary,

NOTE Confidence: 0.7872617

00:45:37.860 --> 00:45:42.198 what I would like to do is posit that

NOTE Confidence: 0.7872617

00:45:42.198 --> 00:45:46.062 provider credibility may have a link to.

NOTE Confidence: 0.7872617

00:45:46.070 --> 00:45:48.230 Outcomes of behavior and outcomes.

NOTE Confidence: 0.7872617

00:45:48.230 --> 00:45:51.686 I'm interested instead of or in addition to,

NOTE Confidence: 0.7872617

00:45:51.690 --> 00:45:52.929 measuring medical mistrust.

NOTE Confidence: 0.7872617

00:45:52.929 --> 00:45:54.994 I'd like to also measure

NOTE Confidence: 0.7872617

00:45:54.994 --> 00:45:56.440 credibility of provider,

NOTE Confidence: 0.7872617

00:45:56.440 --> 00:45:58.168 team health care system

NOTE Confidence: 0.7872617

00:45:58.168 --> 00:46:00.328 to help define a pathway,

NOTE Confidence: 0.7872617

00:46:00.330 --> 00:46:01.626 perhaps more definitively,

NOTE Confidence: 0.7872617

00:46:01.626 --> 00:46:03.354 from credibility to health

NOTE Confidence: 0.7872617

00:46:03.354 --> 00:46:04.650 behavior to outcomes,

NOTE Confidence: 0.7872617

00:46:04.650 --> 00:46:07.744 and that could provide us with a

NOTE Confidence: 0.7872617

00:46:07.744 --> 00:46:09.971 unique novel opportunity to address

NOTE Confidence: 0.7872617

00:46:09.971 --> 00:46:12.413 racial equity and cost of care.

NOTE Confidence: 0.7872617

00:46:12.420 --> 00:46:15.479 I add cost of care here because

NOTE Confidence: 0.7872617

00:46:15.479 --> 00:46:17.710 depending on the audience.

NOTE Confidence: 0.7872617

00:46:17.710 --> 00:46:19.520 As I alluded to earlier,

NOTE Confidence: 0.7872617

00:46:19.520 --> 00:46:20.948 addressing racial inequity.

NOTE Confidence: 0.7872617

00:46:20.948 --> 00:46:22.852 Does not necessarily hold

NOTE Confidence: 0.7872617

00:46:22.852 --> 00:46:25.299 the day when the argument,

NOTE Confidence: 0.7872617

00:46:25.300 --> 00:46:27.560 but when you combine the

NOTE Confidence: 0.7872617

00:46:27.560 --> 00:46:29.368 human side of inequity,

NOTE Confidence: 0.7872617

00:46:29.370 --> 00:46:30.732 reducing unnecessary suffering,

NOTE Confidence: 0.7872617

00:46:30.732 --> 00:46:32.548 and the financial side,

NOTE Confidence: 0.7872617

00:46:32.550 --> 00:46:34.566 reducing things like avoidable

NOTE Confidence: 0.7872617

00:46:34.566 --> 00:46:36.582 hospital utilization through Ed

NOTE Confidence: 0.7872617

00:46:36.582 --> 00:46:38.565 visits an unplanned admissions

NOTE Confidence: 0.7872617

00:46:38.565 --> 00:46:41.253 that tends to capture most of

NOTE Confidence: 0.7872617

00:46:41.253 --> 00:46:43.420 the audiences that I talked to,

NOTE Confidence: 0.7872617

00:46:43.420 --> 00:46:44.460 either wonderful.

NOTE Confidence: 0.7872617

00:46:44.460 --> 00:46:47.060 So collecting data among vulnerable

NOTE Confidence: 0.7872617

00:46:47.060 --> 00:46:49.035 communities understand credibility to

NOTE Confidence: 0.7872617

00:46:49.035 --> 00:46:51.464 measure its effect on behavior and outcomes.

NOTE Confidence: 0.7872617

00:46:51.470 --> 00:46:53.996 We can then assign a credibility

NOTE Confidence: 0.7872617

00:46:53.996 --> 00:46:56.102 index to healthcare institutions and

NOTE Confidence: 0.7872617

00:46:56.102 --> 00:46:58.238 provider teams and start to really

NOTE Confidence: 0.7872617

00:46:58.238 --> 00:47:01.082 test or continue to test how the

NOTE Confidence: 0.7872617

00:47:01.082 --> 00:47:02.790 patient provider relationship may

NOTE Confidence: 0.7872617

00:47:02.790 --> 00:47:04.865 influence health behaviors and outcomes.

NOTE Confidence: 0.7872617

00:47:04.865 --> 00:47:06.890 We could start with vaccination,

NOTE Confidence: 0.7872617

00:47:06.890 --> 00:47:10.565 but we could translate this to far

NOTE Confidence: 0.7872617

00:47:10.565 --> 00:47:13.220 beyond other health behaviors.

NOTE Confidence: 0.7872617

00:47:13.220 --> 00:47:15.735 So medical mistrust I would

NOTE Confidence: 0.7872617

00:47:15.735 --> 00:47:17.244 posit is important,

NOTE Confidence: 0.7872617

00:47:17.250 --> 00:47:20.988 but pathways are difficult to define.

NOTE Confidence: 0.7872617

00:47:20.990 --> 00:47:23.160 And it actually points the finger outwards

NOTE Confidence: 0.7872617

00:47:23.160 --> 00:47:24.710 towards individuals and communities,

NOTE Confidence: 0.7872617

80

00:47:24.710 --> 00:47:25.724 suggesting that something

NOTE Confidence: 0.7872617

00:47:25.724 --> 00:47:28.090 needs to be done to fix them.

NOTE Confidence: 0.7872617

00:47:28.090 --> 00:47:29.848 We need to create an invention

NOTE Confidence: 0.7872617

00:47:29.848 --> 00:47:31.887 to get their medical mistrust to

NOTE Confidence: 0.7872617

00:47:31.887 --> 00:47:33.495 reduce their medical mistrust.

NOTE Confidence: 0.7872617

00:47:33.500 --> 00:47:35.516 So they'll follow behaviors as recommended.

NOTE Confidence: 0.7872617

00:47:35.520 --> 00:47:37.900 I submit that a credibility is more

NOTE Confidence: 0.7872617

00:47:37.900 --> 00:47:40.517 of a inward look at the self to

NOTE Confidence: 0.7872617

00:47:40.517 --> 00:47:43.173 try to figure out what we can do

NOTE Confidence: 0.7872617

00:47:43.173 --> 00:47:45.297 to be more kredible clinicians in

NOTE Confidence: 0.7872617

00:47:45.297 --> 00:47:47.292 terms of their touching patients

NOTE Confidence: 0.7872617

00:47:47.292 --> 00:47:49.332 as well as health researchers

NOTE Confidence: 0.7872617

00:47:49.332 --> 00:47:51.078 like myself to actually.

NOTE Confidence: 0.7872617

00:47:51.080 --> 00:47:52.920 Understand what that what

NOTE Confidence: 0.7872617

00:47:52.920 --> 00:47:55.220 behavior that might influence like

NOTE Confidence: 0.7872617

00:47:55.220 --> 00:47:56.930 participation in health research.

NOTE Confidence: 0.85582924

00:47:59.080 --> 00:48:02.250 OK, as I conclude here.

NOTE Confidence: 0.85582924

00:48:02.250 --> 00:48:03.714 There are paths.

NOTE Confidence: 0.85582924

00:48:03.714 --> 00:48:06.642 There are not pathways specific pathways

NOTE Confidence: 0.85582924

00:48:06.642 --> 00:48:09.888 from perceptions like medical mistrust,

NOTE Confidence: 0.85582924

00:48:09.890 --> 00:48:11.531 discrimination, everyday racism,

NOTE Confidence: 0.85582924

00:48:11.531 --> 00:48:13.719 perceived racism in healthcare.

NOTE Confidence: 0.85582924

00:48:13.720 --> 00:48:16.988 Yes, there's a validated.

NOTE Confidence: 0.85582924

00:48:16.990 --> 00:48:18.655 Measure for perceived

NOTE Confidence: 0.85582924

00:48:18.655 --> 00:48:20.875 racism in healthcare PRM.

NOTE Confidence: 0.85582924

00:48:20.880 --> 00:48:22.410 That always strikes me as

NOTE Confidence: 0.85582924

00:48:22.410 --> 00:48:24.340 we have a measure for that.

NOTE Confidence: 0.85582924

00:48:24.340 --> 00:48:27.268 Which suggests that it might be a thing,

NOTE Confidence: 0.85582924

00:48:27.270 --> 00:48:30.120 so we see that perceptions as

NOTE Confidence: 0.85582924

00:48:30.120 --> 00:48:32.020 perceptions get more negative.

NOTE Confidence: 0.85582924

00:48:32.020 --> 00:48:33.890 Health behavior like seeking care,

NOTE Confidence: 0.85582924

00:48:33.890 --> 00:48:35.003 testing and screening.

NOTE Confidence: 0.85582924

00:48:35.003 --> 00:48:36.493 I check hemoglobin, A1C,

NOTE Confidence: 0.85582924

00:48:36.493 --> 00:48:37.985 check a cholesterol screens

NOTE Confidence: 0.85582924

00:48:37.985 --> 00:48:39.850 go down and then outcomes,

NOTE Confidence: 0.85582924

00:48:39.850 --> 00:48:42.480 like patients that go down.

NOTE Confidence: 0.85582924

00:48:42.480 --> 00:48:45.656 And as and also behavior like drug use,

NOTE Confidence: 0.85582924

00:48:45.660 --> 00:48:46.848 misuse, cigarette smoking,

NOTE Confidence: 0.85582924

00:48:46.848 --> 00:48:48.828 HIV risk behavior goes up,

NOTE Confidence: 0.85582924

00:48:48.830 --> 00:48:50.414 as does blood pressure,

NOTE Confidence: 0.85582924

00:48:50.414 --> 00:48:51.569 risk inflammation, risk,

NOTE Confidence: 0.85582924

00:48:51.569 --> 00:48:52.287 alcohol dependence.

NOTE Confidence: 0.85582924

00:48:52.287 --> 00:48:54.800 So we see that there are some

NOTE Confidence: 0.85582924

00:48:54.873 --> 00:48:56.769 associations if not pathways.

NOTE Confidence: 0.85582924

00:48:56.770 --> 00:48:57.564 So credibility.

NOTE Confidence: 0.85582924

00:48:57.564 --> 00:49:00.343 I would surmise is a novel way,

NOTE Confidence: 0.85582924

00:49:00.350 --> 00:49:02.726 a valuable way to assess the

NOTE Confidence: 0.85582924

00:49:02.726 --> 00:49:03.914 patient provider relationship.

NOTE Confidence: 0.85582924

00:49:03.920 --> 00:49:06.716 Because it focuses on the source

NOTE Confidence: 0.85582924

00:49:06.716 --> 00:49:08.114 of the mistrust.

NOTE Confidence: 0.85582924

00:49:08.120 --> 00:49:10.352 Us and it provides insight to

NOTE Confidence: 0.85582924

00:49:10.352 --> 00:49:12.453 refining some of these elusive

NOTE Confidence: 0.85582924

00:49:12.453 --> 00:49:15.153 pathways and insights on how

NOTE Confidence: 0.85582924

00:49:15.153 --> 00:49:16.773 perceptions influence behavior.

NOTE Confidence: 0.85582924

00:49:16.780 --> 00:49:18.252 With that, I'll pause.

NOTE Confidence: 0.85582924

00:49:18.252 --> 00:49:21.459 I'm going to keep this up that adipic,

NOTE Confidence: 0.85582924

00:49:21.460 --> 00:49:23.020 the integration of these

NOTE Confidence: 0.85582924

00:49:23.020 --> 00:49:24.190 various structural issues,

NOTE Confidence: 0.85582924

00:49:24.190 --> 00:49:26.140 and I welcome your questions,

NOTE Confidence: 0.85582924

00:49:26.140 --> 00:49:27.310 comments and rebuttals.

NOTE Confidence: 0.8426144

00:49:29.160 --> 00:49:31.302 The only rebuttal that I have

NOTE Confidence: 0.8426144

00:49:31.302 --> 00:49:33.422 for you Doctor Centeio is that

NOTE Confidence: 0.8426144

00:49:33.422 --> 00:49:35.276 we want you again and again,

NOTE Confidence: 0.8426144

00:49:35.280 --> 00:49:37.956 and again, and again and again.

NOTE Confidence: 0.8426144

00:49:37.960 --> 00:49:40.074 This has been so extraordinary, and I

NOTE Confidence: 0.8426144

00:49:40.074 --> 00:49:42.188 know there's going to be many questions.

NOTE Confidence: 0.8426144

00:49:42.190 --> 00:49:45.210 I saw things popping up in the in the chat,

NOTE Confidence: 0.8426144

00:49:45.210 --> 00:49:47.191 but I am so grateful and you

NOTE Confidence: 0.8426144

00:49:47.191 --> 00:49:49.130 have touch on so many things.

NOTE Confidence: 0.8426144

00:49:49.130 --> 00:49:51.546 I have questions but I I'll keep them.

NOTE Confidence: 0.8426144

00:49:51.550 --> 00:49:52.570 Let's start with Belinda,

NOTE Confidence: 0.8426144

00:49:52.570 --> 00:49:54.562 who had a couple of really hard

NOTE Confidence: 0.8426144

00:49:54.562 --> 00:49:55.777 hitting wonderful questions.

NOTE Confidence: 0.8426144

00:49:55.780 --> 00:49:56.080 Belinda

NOTE Confidence: 0.84294593

00:49:56.080 --> 00:49:58.138 go for it. Yes, this was wonderful

NOTE Confidence: 0.84294593

00:49:58.138 --> 00:50:00.308 and I'm sorry it wasn't my camera.

NOTE Confidence: 0.84294593

00:50:00.310 --> 00:50:04.260 My grandchildren are here this week. But we'd

NOTE Confidence: 0.8880781

00:50:04.260 --> 00:50:05.468 like to see him.

85

NOTE Confidence: 0.6660213

00:50:07.040 --> 00:50:10.750 There's a play. But I have a question

NOTE Confidence: 0.6660213

00:50:10.750 --> 00:50:13.458 about so as you were talking, Anne Anne.

NOTE Confidence: 0.6660213

00:50:13.458 --> 00:50:15.103 I've been doing some research

NOTE Confidence: 0.6660213

00:50:15.103 --> 00:50:16.589 and so forth for me.

NOTE Confidence: 0.6660213

00:50:16.590 --> 00:50:18.795 I believe gentrification is a new form

NOTE Confidence: 0.6660213

00:50:18.795 --> 00:50:21.038 of redlining, if that makes sense.

NOTE Confidence: 0.6660213

00:50:21.038 --> 00:50:23.810 Because once a community is cleaned out,

NOTE Confidence: 0.6660213

00:50:23.810 --> 00:50:26.295 you can't afford to go back into.

NOTE Confidence: 0.6660213

00:50:26.300 --> 00:50:29.148 For example, is my sons God brother bought.

NOTE Confidence: 0.6660213

00:50:29.150 --> 00:50:31.432 You know you St area in the

NOTE Confidence: 0.6660213

00:50:31.432 --> 00:50:34.137 60s and DC it got burned down.

NOTE Confidence: 0.6660213

00:50:34.140 --> 00:50:36.597 And so David bought a brownstone for

NOTE Confidence: 0.6660213

00:50:36.597 --> 00:50:39.130 say 250 for DC goes for $2,000,000

NOTE Confidence: 0.6660213

00:50:39.130 --> 00:50:41.969 or right about now is the tax rate.

NOTE Confidence: 0.6660213

00:50:41.970 --> 00:50:44.595 So there's no way so the community

NOTE Confidence: 0.6660213

00:50:44.595 --> 00:50:46.729 has totally changed and the other

NOTE Confidence: 0.6660213

00:50:46.729 --> 00:50:49.377 part of that when we talk about the

NOTE Confidence: 0.6660213

00:50:49.377 --> 00:50:51.699 social factors are they also still?

NOTE Confidence: 0.6660213

00:50:51.700 --> 00:50:52.663 Attached to racism.

NOTE Confidence: 0.6660213

00:50:52.663 --> 00:50:54.589 No, because it's a social construct

NOTE Confidence: 0.6660213

00:50:54.589 --> 00:50:56.495 that where we struggle struggle with

NOTE Confidence: 0.6660213

00:50:56.495 --> 00:50:58.400 some things for people of color.

NOTE Confidence: 0.8510188

00:51:00.330 --> 00:51:01.666 Certainly yes, perceptions are

NOTE Confidence: 0.8510188

00:51:01.666 --> 00:51:03.670 part of of social determinants and

NOTE Confidence: 0.8510188

00:51:03.729 --> 00:51:05.477 perceptions do influence behavior.

NOTE Confidence: 0.8510188

00:51:05.480 --> 00:51:07.280 Perceptions of maltreatment of discrimination

NOTE Confidence: 0.8510188

00:51:07.280 --> 00:51:09.530 that I'm not being treated equally,

NOTE Confidence: 0.8510188

00:51:09.530 --> 00:51:11.370 which is a foundational sentiment.

NOTE Confidence: 0.8510188

00:51:11.370 --> 00:51:14.673 So that's one thing you don't have to wait.

NOTE Confidence: 0.8510188

00:51:14.680 --> 00:51:17.256 You know this more than I do.

NOTE Confidence: 0.8510188

00:51:17.260 --> 00:51:19.100 I actually was reading about

NOTE Confidence: 0.8510188

00:51:19.100 --> 00:51:20.940 babies and water babies know.

NOTE Confidence: 0.8510188

00:51:20.940 --> 00:51:23.876 And what do we have to teach them?

NOTE Confidence: 0.8510188

00:51:23.880 --> 00:51:26.058 And there's an innate sense of

NOTE Confidence: 0.8510188

00:51:26.058 --> 00:51:27.930 justice that were born with,

NOTE Confidence: 0.8510188

00:51:27.930 --> 00:51:29.154 so I think that.

NOTE Confidence: 0.8510188

00:51:29.154 --> 00:51:31.468 Even if you don't know all about

NOTE Confidence: 0.8510188

00:51:31.468 --> 00:51:34.261 Tuskegee or you don't know all about

NOTE Confidence: 0.8510188

00:51:34.261 --> 00:51:36.880 Doctor Marion Sims and what he did

NOTE Confidence: 0.8510188

00:51:36.880 --> 00:51:38.933 with Anna Kahran other slave girls,

NOTE Confidence: 0.8510188

00:51:38.933 --> 00:51:41.054 you have a sense for any quality

NOTE Confidence: 0.8510188

00:51:41.054 --> 00:51:43.623 and part of why those kinds of

NOTE Confidence: 0.8510188

00:51:43.623 --> 00:51:45.139 historical anecdotes are still

NOTE Confidence: 0.8510188

00:51:45.139 --> 00:51:47.375 present is because the bias and

NOTE Confidence: 0.8510188

00:51:47.375 --> 00:51:48.807 injustice is still present.

NOTE Confidence: 0.83845884

00:51:52.490 --> 00:51:54.306 I'm trying to keep my answers short here.

NOTE Confidence: 0.8610953

00:51:55.200 --> 00:51:56.508 You are doing great.

NOTE Confidence: 0.8610953

00:51:56.508 --> 00:51:59.185 We really I I could listen to you

NOTE Confidence: 0.8610953

00:51:59.185 --> 00:52:01.425 for hours and I know that there's

NOTE Confidence: 0.8610953

00:52:01.425 --> 00:52:03.839 other people who have questions so.

NOTE Confidence: 0.8610953

00:52:03.840 --> 00:52:07.127 Walter, I saw you active on the chat.

NOTE Confidence: 0.8610953

00:52:07.130 --> 00:52:08.770 Amanda Detmer, Jose Pious,

NOTE Confidence: 0.8610953

00:52:08.770 --> 00:52:11.234 Lilia Benoit, in no particular order.

NOTE Confidence: 0.8610953

00:52:11.234 --> 00:52:13.289 But let's go for it.

NOTE Confidence: 0.86378247

00:52:17.580 --> 00:52:19.215 OK, well they're being shy

NOTE Confidence: 0.86378247

00:52:19.215 --> 00:52:20.523 while they're being shy.

NOTE Confidence: 0.86378247

00:52:20.530 --> 00:52:22.498 I have a couple of questions.

NOTE Confidence: 0.86378247

00:52:22.500 --> 00:52:24.455 First of all, I loved, loved,

NOTE Confidence: 0.86378247

00:52:24.455 --> 00:52:26.345 loved your shout out to qualitative

NOTE Confidence: 0.86378247

00:52:26.345 --> 00:52:28.727 methods and to the importance of people,

NOTE Confidence: 0.86378247

00:52:28.730 --> 00:52:31.844 and I think that you said something you said

NOTE Confidence: 0.86378247

00:52:31.844 --> 00:52:35.284 a couple I took a lot of notes by the way,

NOTE Confidence: 0.86378247

00:52:35.290 --> 00:52:37.914 but you said this is a bumper sticker.

NOTE Confidence: 0.86378247

00:52:37.920 --> 00:52:39.560 Vaccines don't make us safe.

NOTE Confidence: 0.86378247

00:52:39.560 --> 00:52:41.516 Vaccinations do and that we have,

NOTE Confidence: 0.86378247

00:52:41.520 --> 00:52:43.788 you know, warp, speed it ourselves

NOTE Confidence: 0.86378247

00:52:43.788 --> 00:52:46.070 to this blessing of a vaccine.

NOTE Confidence: 0.86378247

00:52:46.070 --> 00:52:48.646 But if we don't get it right through,

NOTE Confidence: 0.86378247

00:52:48.650 --> 00:52:49.613 knowing what hesitation

NOTE Confidence: 0.86378247

00:52:49.613 --> 00:52:50.897 and what people think,

NOTE Confidence: 0.86378247

00:52:50.900 --> 00:52:52.832 and we're going to find out

NOTE Confidence: 0.86378247

00:52:52.832 --> 00:52:53.798 through qualitative methods,

NOTE Confidence: 0.86378247

00:52:53.800 --> 00:52:55.726 so, so thank you for that.

NOTE Confidence: 0.86378247

00:52:55.730 --> 00:52:56.696 And and two,

NOTE Confidence: 0.86378247

00:52:56.696 --> 00:52:58.306 maybe a inner baseball questions,

NOTE Confidence: 0.86378247

00:52:58.310 --> 00:53:00.314 but you mentioned the group based

NOTE Confidence: 0.86378247

00:53:00.314 --> 00:53:02.170 medical mistrust scale in the PRM,

NOTE Confidence: 0.86378247

00:53:02.170 --> 00:53:04.060 the perceived racism and medical care

NOTE Confidence: 0.86378247

00:53:04.060 --> 00:53:06.027 are those actual scales where their

NOTE Confidence: 0.86378247

00:53:06.027 --> 00:53:07.965 concepts because their scales on them.

NOTE Confidence: 0.86378247

00:53:07.970 --> 00:53:08.610 Yeah, they're

NOTE Confidence: 0.8260004

00:53:08.610 --> 00:53:09.510 validated scales. Somehow.

NOTE Confidence: 0.8260004

00:53:09.510 --> 00:53:12.700 I have a collection in my in my notes of

NOTE Confidence: 0.8260004

00:53:12.700 --> 00:53:14.410 these scales that measure perceptions,

NOTE Confidence: 0.8260004

00:53:14.410 --> 00:53:16.420 and these are validated scales much

NOTE Confidence: 0.8260004

00:53:16.420 --> 00:53:17.760 like the acculturation skills.

NOTE Confidence: 0.8260004

00:53:17.760 --> 00:53:21.989 I can email them to you, you wonder.

NOTE Confidence: 0.8260004

00:53:21.990 --> 00:53:24.300 Yeah, and and and when I when I heard the

NOTE Confidence: 0.8260004

00:53:24.358 --> 00:53:26.668 term warpspeed about vaccine development,

NOTE Confidence: 0.8260004

00:53:26.670 --> 00:53:28.578 I thought that's that's great cool

NOTE Confidence: 0.8260004

00:53:28.578 --> 00:53:31.232 warp speed that I thought oh I bet

NOTE Confidence: 0.8260004

00:53:31.232 --> 00:53:33.212 social scientists weren't in the room

NOTE Confidence: 0.8260004

00:53:33.277 --> 00:53:35.202 when you when they met like that

NOTE Confidence: 0.8260004

00:53:35.202 --> 00:53:37.614 might not be good for all folks.

NOTE Confidence: 0.8260004

00:53:37.614 --> 00:53:40.849 The fact that it's rushed right out there.

NOTE Confidence: 0.8260004

00:53:40.850 --> 00:53:42.250 We need social too.

NOTE Confidence: 0.85042155

00:53:42.250 --> 00:53:45.220 Absolutely. And you know we have a a social

NOTE Confidence: 0.85042155

00:53:45.220 --> 00:53:47.870 question from Justin Justin. Go for it.

NOTE Confidence: 0.86513233

00:53:48.860 --> 00:53:50.460 Thank you for that amazing

NOTE Confidence: 0.86513233

00:53:50.460 --> 00:53:51.420 talk you mentioned.

NOTE Confidence: 0.86513233

00:53:51.420 --> 00:53:53.050 Something about immigrants saying that

NOTE Confidence: 0.86513233

00:53:53.050 --> 00:53:55.260 as they stay in America over time,

NOTE Confidence: 0.86513233

00:53:55.260 --> 00:53:57.180 it seems like their health outcomes

NOTE Confidence: 0.86513233

00:53:57.180 --> 00:53:58.460 start to resemble individuals.

NOTE Confidence: 0.86513233

00:53:58.460 --> 00:54:00.700 I've been in America for who look

NOTE Confidence: 0.86513233

00:54:00.700 --> 00:54:02.940 like them for a long period time.

NOTE Confidence: 0.86513233

00:54:02.940 --> 00:54:04.860 Can you speak more on that?

NOTE Confidence: 0.87015116

00:54:06.170 --> 00:54:08.907 Yeah, I can talk about how when

NOTE Confidence: 0.87015116

00:54:08.907 --> 00:54:10.080 Caribbean immigrants specifically,

NOTE Confidence: 0.87015116

00:54:10.080 --> 00:54:14.380 this is when I just have the top of my head.

NOTE Confidence: 0.87015116

00:54:14.380 --> 00:54:16.697 I'm doing some work with the OR

NOTE Confidence: 0.87015116

00:54:16.697 --> 00:54:19.646 proposing to work with the the National

NOTE Confidence: 0.87015116

00:54:19.646 --> 00:54:21.534 Cancer Institute about prostate

NOTE Confidence: 0.87015116

00:54:21.534 --> 00:54:23.770 cancer treatment and you find that.

NOTE Confidence: 0.87015116

00:54:23.770 --> 00:54:26.666 And this is this is found fairly consistency

NOTE Confidence: 0.87015116

00:54:26.666 --> 00:54:29.879 in the literature that the rates of

NOTE Confidence: 0.87015116

00:54:29.879 --> 00:54:32.650 prostate cancer for Caribbean immigrant men.

NOTE Confidence: 0.87015116

00:54:32.650 --> 00:54:36.318 1st generation are lower

NOTE Confidence: 0.87015116

00:54:36.318 --> 00:54:39.069 than subsequent generations.

NOTE Confidence: 0.87015116

00:54:39.070 --> 00:54:40.635 So second generation immigrant health

NOTE Confidence: 0.87015116

00:54:40.635 --> 00:54:42.550 status is much worse than first,

NOTE Confidence: 0.87015116

00:54:42.550 --> 00:54:44.762 and it's like the Mexican or the

NOTE Confidence: 0.87015116

00:54:44.762 --> 00:54:46.026 Latin American paradox, right?

NOTE Confidence: 0.87015116

00:54:46.026 --> 00:54:48.238 So you get here and then I'll

NOTE Confidence: 0.87015116

00:54:48.238 --> 00:54:50.127 get to why in a moment.

NOTE Confidence: 0.87015116

00:54:50.130 --> 00:54:52.658 The short answer is we don't really know,

NOTE Confidence: 0.87015116

00:54:52.660 --> 00:54:56.510 but there are a couple of important.

NOTE Confidence: 0.87015116

00:54:56.510 --> 00:54:58.706 Sort of theories or or guesses,

NOTE Confidence: 0.87015116

00:54:58.710 --> 00:54:59.655 let's say so.

NOTE Confidence: 0.87015116

00:54:59.655 --> 00:55:02.769 Part of it is that to get here you

NOTE Confidence: 0.87015116

00:55:02.769 --> 00:55:05.660 have to have a certain health status.

NOTE Confidence: 0.87015116

00:55:05.660 --> 00:55:08.012 So there's this notion that the

NOTE Confidence: 0.87015116

00:55:08.012 --> 00:55:09.978 people that are predisposed to

NOTE Confidence: 0.87015116

00:55:09.978 --> 00:55:12.246 illness never make it to the shores,

NOTE Confidence: 0.87015116

00:55:12.250 --> 00:55:13.514 never make it here,

NOTE Confidence: 0.87015116

00:55:13.514 --> 00:55:15.094 so we're not getting a

NOTE Confidence: 0.87015116

00:55:15.094 --> 00:55:16.639 representative immigrant population.

NOTE Confidence: 0.87015116

00:55:16.640 --> 00:55:19.568 We're getting the people that make it here,

NOTE Confidence: 0.87015116

00:55:19.570 --> 00:55:20.886 and that's not representative,

NOTE Confidence: 0.87015116

00:55:20.886 --> 00:55:22.860 so that's part of an explicit

NOTE Confidence: 0.87015116

00:55:22.917 --> 00:55:23.959 explanatory factor.

NOTE Confidence: 0.87015116

00:55:23.960 --> 00:55:26.156 But what one of my wonderful

NOTE Confidence: 0.87015116

00:55:26.156 --> 00:55:27.738 treasured mentors, James Jackson,

NOTE Confidence: 0.87015116

00:55:27.738 --> 00:55:29.010 who passed recently?

NOTE Confidence: 0.87015116

00:55:29.010 --> 00:55:31.962 When I was talking to him about some

NOTE Confidence: 0.87015116

00:55:31.962 --> 00:55:35.005 of these equity issues and he was

NOTE Confidence: 0.87015116

00:55:35.005 --> 00:55:38.050 finding that when when people got here,

NOTE Confidence: 0.87015116

00:55:38.050 --> 00:55:40.155 their health status actually second

NOTE Confidence: 0.87015116

00:55:40.155 --> 00:55:42.979 generation was was was lesser than what.

NOTE Confidence: 0.87015116

00:55:42.980 --> 00:55:44.213 Why do you?

NOTE Confidence: 0.87015116

00:55:44.213 --> 00:55:45.857 What could that be?

NOTE Confidence: 0.87015116

00:55:45.860 --> 00:55:47.204 We don't know yet,

NOTE Confidence: 0.87015116

00:55:47.204 --> 00:55:49.697 but what he did cause me to

NOTE Confidence: 0.87015116

00:55:49.697 --> 00:55:52.085 think about what we discussed is

NOTE Confidence: 0.87015116

00:55:52.085 --> 00:55:54.903 that the impact of what's called

00:55:54.903 --> 00:55:56.955 weathering in the literature.

00:55:56.960 --> 00:55:59.110 The repeated sort of burdens.

00:55:59.110 --> 00:56:00.858 Trauma overtime actually wears

00:56:00.858 --> 00:56:03.043 on your your biological systems,

00:56:03.050 --> 00:56:04.370 your immune system,

00:56:04.370 --> 00:56:07.450 your ability to sort of deal with

00:56:07.541 --> 00:56:10.085 the the micro traumas of getting

00:56:10.085 --> 00:56:13.161 through the day or viewing the OR

00:56:13.161 --> 00:56:15.753 actually the trial of the officer

00:56:15.753 --> 00:56:18.370 who kneeled on George Floyd's neck

00:56:18.370 --> 00:56:21.010 and murdered him like just that.

00:56:21.010 --> 00:56:23.824 Just think about what I was talking

00:56:23.824 --> 00:56:27.074 to a colleague last summer who was

00:56:27.074 --> 00:56:29.524 appropriately aghast at that imagery

00:56:29.524 --> 00:56:33.154 that was flashed again and again and again.

00:56:33.160 --> 00:56:34.700 On our screens and and it happened

NOTE Confidence: 0.87015116

00:56:34.700 --> 00:56:35.730 to be a woman,

NOTE Confidence: 0.87015116

00:56:35.730 --> 00:56:37.319 a white woman who told me like

NOTE Confidence: 0.87015116

00:56:37.319 --> 00:56:38.780 that so terrible that's so true.

NOTE Confidence: 0.87015116

00:56:38.780 --> 00:56:39.407 And I said,

NOTE Confidence: 0.87015116

00:56:39.407 --> 00:56:41.388 how do you think it makes me feel as

NOTE Confidence: 0.87015116

00:56:41.388 --> 00:56:43.228 the person who's been in the back of

NOTE Confidence: 0.87015116

00:56:43.285 --> 00:56:45.293 a police car and spent the night in

NOTE Confidence: 0.87015116

00:56:45.293 --> 00:56:47.216 jail because of over aggressive policing?

NOTE Confidence: 0.87015116

00:56:47.216 --> 00:56:49.830 So if you're traumatized or outraged by that,

NOTE Confidence: 0.87015116

00:56:49.830 --> 00:56:52.410 what might that do to people

NOTE Confidence: 0.87015116

00:56:52.410 --> 00:56:54.130 that look like me?

NOTE Confidence: 0.87015116

00:56:54.130 --> 00:56:55.614 Charter home articulation and

NOTE Confidence: 0.87015116

00:56:55.614 --> 00:56:57.846 education and having a license and

NOTE Confidence: 0.87015116

00:56:57.846 --> 00:56:59.708 registration isn't a protective factor.

NOTE Confidence: 0.87015116

00:56:59.710 --> 00:57:01.936 I'm sorry under no no Charles.

NOTE Confidence: 0.87015116

00:57:01.940 --> 00:57:03.059 Let let me

NOTE Confidence: 0.819103

00:57:03.060 --> 00:57:04.412 let me do this.

NOTE Confidence: 0.819103

00:57:04.412 --> 00:57:07.519 What we're going to do in in Rosemary.

NOTE Confidence: 0.819103

00:57:07.520 --> 00:57:10.496 We're gonna keep recording for a little bit.

NOTE Confidence: 0.819103

00:57:10.500 --> 00:57:12.846 We're going to close now formally

NOTE Confidence: 0.819103

00:57:12.846 --> 00:57:14.959 after Robla Brill's idea to you.

NOTE Confidence: 0.819103

00:57:14.960 --> 00:57:17.361 But if you are so kind of

NOTE Confidence: 0.819103

00:57:17.361 --> 00:57:19.050 Charles to stick around,

NOTE Confidence: 0.819103

00:57:19.050 --> 00:57:21.556 I know that some of us would

NOTE Confidence: 0.819103

00:57:21.556 --> 00:57:23.939 love to stay for the after.

NOTE Confidence: 0.819103

00:57:23.940 --> 00:57:26.068 Party but I wanna I want to

NOTE Confidence: 0.819103

00:57:26.068 --> 00:57:28.020 be mindful of peoples time.

NOTE Confidence: 0.819103

00:57:28.020 --> 00:57:29.720 This has been absolutely extraordinary

NOTE Confidence: 0.819103

00:57:29.720 --> 00:57:32.130 and I want to thank Rob Labrie.