

WEBVTT

NOTE duration: "01:06:29.400"

NOTE Confidence: 0.9382949

00:00:00.399 --> 00:00:00.900 So,

NOTE Confidence: 0.7241265

00:00:02.879 --> 00:00:03.379 welcome.

NOTE Confidence: 0.9358952

00:00:05.920 --> 00:00:07.140 Get started, Jessica.

NOTE Confidence: 0.9747881

00:00:08.240 --> 00:00:10.320 Yep. Perfect. Go ahead. Great.

NOTE Confidence: 0.9747881

00:00:10.320 --> 00:00:11.679 So welcome back to the

NOTE Confidence: 0.9747881

00:00:11.679 --> 00:00:13.380 seminar in psychedelic science.

NOTE Confidence: 0.9991822

00:00:13.995 --> 00:00:15.855 It's my pleasure to introduce

NOTE Confidence: 0.95004576

00:00:16.235 --> 00:00:18.495 Brian Anderson. He's assistant professor

NOTE Confidence: 0.9683205

00:00:18.954 --> 00:00:20.715 in the department of psychiatry

NOTE Confidence: 0.9683205

00:00:20.715 --> 00:00:21.855 and behavioral sciences

NOTE Confidence: 0.9870802

00:00:22.475 --> 00:00:23.215 at UCSF

NOTE Confidence: 0.68515384

00:00:24.075 --> 00:00:24.895 and conflouting

NOTE Confidence: 0.99754757

00:00:25.435 --> 00:00:25.935 investigator

NOTE Confidence: 0.99410516

00:00:26.314 --> 00:00:27.215 at the UC

NOTE Confidence: 0.9215674

00:00:28.020 --> 00:00:29.540 Berkeley Center for the Science
NOTE Confidence: 0.9215674
00:00:29.540 --> 00:00:30.280 of Psychedelics.
NOTE Confidence: 0.95832956
00:00:31.380 --> 00:00:33.700 And he's here to talk
NOTE Confidence: 0.95832956
00:00:33.700 --> 00:00:34.520 to us today
NOTE Confidence: 0.85568714
00:00:35.220 --> 00:00:36.920 about community use of psychedelics
NOTE Confidence: 0.99725974
00:00:37.940 --> 00:00:38.680 and safety.
NOTE Confidence: 0.9983848
00:00:39.940 --> 00:00:41.000 I'm hearing myself
NOTE Confidence: 0.9736219
00:00:41.565 --> 00:00:42.445 with a lot of feedback,
NOTE Confidence: 0.9736219
00:00:42.445 --> 00:00:44.125 which is distracting, so just
NOTE Confidence: 0.9736219
00:00:44.125 --> 00:00:45.265 take it away, Brian.
NOTE Confidence: 0.9997138
00:00:45.725 --> 00:00:46.625 Okay. Great.
NOTE Confidence: 0.9471015
00:00:47.565 --> 00:00:49.824 Hi, everyone, on Zoom and
NOTE Confidence: 0.9471015
00:00:49.964 --> 00:00:50.625 in person.
NOTE Confidence: 0.9193359
00:00:51.644 --> 00:00:53.164 Thanks for having me. What
NOTE Confidence: 0.9193359
00:00:53.164 --> 00:00:54.364 Julian did not say is
NOTE Confidence: 0.9193359
00:00:54.364 --> 00:00:54.684 that,

NOTE Confidence: 0.98689884
00:00:55.430 --> 00:00:56.870 we're old friends of, like,
NOTE Confidence: 0.98689884
00:00:56.870 --> 00:00:58.469 what, maybe fifteen years, and
NOTE Confidence: 0.98689884
00:00:58.469 --> 00:00:59.190 we've been trying to find
NOTE Confidence: 0.98689884
00:00:59.190 --> 00:01:00.710 ways to collaborate on science
NOTE Confidence: 0.98689884
00:01:00.710 --> 00:01:01.750 on and off for a
NOTE Confidence: 0.98689884
00:01:01.750 --> 00:01:03.750 while. So this is fun
NOTE Confidence: 0.98689884
00:01:03.750 --> 00:01:04.490 as we're
NOTE Confidence: 0.9543603
00:01:04.790 --> 00:01:06.390 and getting close getting closer
NOTE Confidence: 0.9543603
00:01:06.390 --> 00:01:06.970 to that.
NOTE Confidence: 0.8195216
00:01:08.455 --> 00:01:09.115 What I,
NOTE Confidence: 0.9650569
00:01:10.134 --> 00:01:11.415 so, originally, I think I
NOTE Confidence: 0.9650569
00:01:11.415 --> 00:01:12.615 was gonna try to come
NOTE Confidence: 0.9650569
00:01:12.615 --> 00:01:13.915 and visit the department,
NOTE Confidence: 0.995024
00:01:14.295 --> 00:01:16.155 like, a a year ago.
NOTE Confidence: 0.98186255
00:01:16.615 --> 00:01:18.134 There were there were plans
NOTE Confidence: 0.98186255

00:01:18.134 --> 00:01:19.095 to have some sort of
NOTE Confidence: 0.98186255

00:01:19.095 --> 00:01:21.255 educational event regarding psychedelics and
NOTE Confidence: 0.98186255

00:01:21.255 --> 00:01:22.980 safety and public policy that
NOTE Confidence: 0.98186255

00:01:22.980 --> 00:01:23.940 sort of got scrapped, but
NOTE Confidence: 0.98186255

00:01:23.940 --> 00:01:25.300 we were able to, come
NOTE Confidence: 0.98186255

00:01:25.300 --> 00:01:25.800 back.
NOTE Confidence: 0.99062

00:01:26.180 --> 00:01:27.460 And it's good timing because
NOTE Confidence: 0.99062

00:01:27.460 --> 00:01:28.900 I have some preliminary data
NOTE Confidence: 0.99062

00:01:28.900 --> 00:01:29.780 I'm gonna show from a
NOTE Confidence: 0.99062

00:01:29.780 --> 00:01:30.819 study that we've been doing
NOTE Confidence: 0.99062

00:01:30.819 --> 00:01:31.480 at UCSF.
NOTE Confidence: 0.9608233

00:01:33.140 --> 00:01:34.980 And I I'm happy to
NOTE Confidence: 0.9608233

00:01:34.980 --> 00:01:35.940 go through this, but also
NOTE Confidence: 0.9608233

00:01:35.940 --> 00:01:37.460 my first time visiting you
NOTE Confidence: 0.9608233

00:01:37.460 --> 00:01:37.960 all.
NOTE Confidence: 0.9805816

00:01:38.925 --> 00:01:40.685 You guide me on how

NOTE Confidence: 0.9805816

00:01:40.685 --> 00:01:41.905 you guys run the seminar

NOTE Confidence: 0.9805816

00:01:41.965 --> 00:01:44.305 regarding questions during discussion.

NOTE Confidence: 0.9895528

00:01:45.005 --> 00:01:46.444 We'll go through the the

NOTE Confidence: 0.9895528

00:01:46.444 --> 00:01:47.805 slides, but please, like, let

NOTE Confidence: 0.9895528

00:01:47.805 --> 00:01:48.605 me know if there's things

NOTE Confidence: 0.9895528

00:01:48.605 --> 00:01:49.565 that you guys wanna talk

NOTE Confidence: 0.9895528

00:01:49.565 --> 00:01:50.785 about as we're going.

NOTE Confidence: 0.9778097

00:01:51.885 --> 00:01:53.310 Just to get a sense

NOTE Confidence: 0.9778097

00:01:53.310 --> 00:01:55.150 of who's here, is this

NOTE Confidence: 0.9778097

00:01:55.150 --> 00:01:57.470 mostly folks from the departments

NOTE Confidence: 0.9778097

00:01:57.470 --> 00:01:59.090 of psychiatry and neurology?

NOTE Confidence: 0.87724787

00:01:59.550 --> 00:02:00.690 Or is that

NOTE Confidence: 0.9759048

00:02:02.430 --> 00:02:03.950 Just enrolled, retired It's a

NOTE Confidence: 0.9759048

00:02:03.950 --> 00:02:05.950 mix of faculty, residents, and

NOTE Confidence: 0.9759048

00:02:05.950 --> 00:02:07.230 just people in the community

NOTE Confidence: 0.9759048

00:02:07.230 --> 00:02:08.690 that are interested in psychedelics.
NOTE Confidence: 0.9993308

00:02:09.764 --> 00:02:10.984 Great. Thanks, Jessica.
NOTE Confidence: 0.9909227

00:02:12.245 --> 00:02:14.245 Alright. Well, you guys let
NOTE Confidence: 0.9909227

00:02:14.245 --> 00:02:15.364 me know what's what's on
NOTE Confidence: 0.9909227

00:02:15.364 --> 00:02:16.564 your mind as as we
NOTE Confidence: 0.9909227

00:02:16.564 --> 00:02:17.064 go.
NOTE Confidence: 0.9569255

00:02:18.885 --> 00:02:20.405 So I wanna start with
NOTE Confidence: 0.9569255

00:02:20.405 --> 00:02:21.525 disclosure. So I will be
NOTE Confidence: 0.9569255

00:02:21.525 --> 00:02:23.125 talking about non FDA approved
NOTE Confidence: 0.9569255

00:02:23.125 --> 00:02:24.820 uses of these substances, not
NOTE Confidence: 0.9569255

00:02:24.820 --> 00:02:25.620 in the sort of kind
NOTE Confidence: 0.9569255

00:02:25.620 --> 00:02:26.840 of off label prescribing
NOTE Confidence: 0.9724926

00:02:27.139 --> 00:02:28.580 clinical use, but their use
NOTE Confidence: 0.9724926

00:02:28.580 --> 00:02:29.880 out out in the community.
NOTE Confidence: 0.99838364

00:02:30.740 --> 00:02:32.660 My research support is here
NOTE Confidence: 0.99838364

00:02:32.660 --> 00:02:34.840 from government and foundation sources.

NOTE Confidence: 0.97316635
00:02:35.700 --> 00:02:37.300 I don't have contracts with,
NOTE Confidence: 0.9079351
00:02:37.700 --> 00:02:38.200 industry.
NOTE Confidence: 0.9766253
00:02:41.034 --> 00:02:43.034 And a sort of disclosure
NOTE Confidence: 0.9766253
00:02:43.034 --> 00:02:44.075 that I I like to
NOTE Confidence: 0.9766253
00:02:44.075 --> 00:02:44.954 bring up, I think, is
NOTE Confidence: 0.9766253
00:02:44.954 --> 00:02:45.935 helpful for situating
NOTE Confidence: 0.96531767
00:02:46.314 --> 00:02:47.194 just sort of my own
NOTE Confidence: 0.96531767
00:02:47.194 --> 00:02:48.875 personal perspectives on this work,
NOTE Confidence: 0.96531767
00:02:48.875 --> 00:02:50.555 but also that informs my
NOTE Confidence: 0.96531767
00:02:50.555 --> 00:02:51.754 science is that I feel
NOTE Confidence: 0.96531767
00:02:51.754 --> 00:02:52.555 like a lot of what
NOTE Confidence: 0.96531767
00:02:52.555 --> 00:02:54.635 I've learned about psychedelics over
NOTE Confidence: 0.96531767
00:02:54.635 --> 00:02:55.215 the last
NOTE Confidence: 0.9923946
00:02:55.520 --> 00:02:56.960 twenty years has been in
NOTE Confidence: 0.9923946
00:02:56.960 --> 00:02:58.560 community settings. So I've done
NOTE Confidence: 0.9923946

00:02:58.560 --> 00:02:59.520 work and got to spend
NOTE Confidence: 0.9923946

00:02:59.520 --> 00:03:00.800 time with different communities that
NOTE Confidence: 0.9923946

00:03:00.800 --> 00:03:02.740 use psychedelics in traditional ways.
NOTE Confidence: 0.98206

00:03:03.440 --> 00:03:04.240 And I feel like a
NOTE Confidence: 0.98206

00:03:04.240 --> 00:03:05.200 lot of what I bring
NOTE Confidence: 0.98206

00:03:05.200 --> 00:03:06.400 to this work, as you'll
NOTE Confidence: 0.98206

00:03:06.400 --> 00:03:07.120 see in some of my
NOTE Confidence: 0.98206

00:03:07.120 --> 00:03:07.455 methods,
NOTE Confidence: 0.99603975

00:03:08.014 --> 00:03:10.095 comes from community engagement and
NOTE Confidence: 0.99603975

00:03:10.095 --> 00:03:11.715 learning from people with nonmedical
NOTE Confidence: 0.99603975

00:03:11.935 --> 00:03:12.435 expertise.
NOTE Confidence: 0.9407776

00:03:15.695 --> 00:03:17.615 In this talk, I'm gonna
NOTE Confidence: 0.9407776

00:03:17.615 --> 00:03:19.455 talk about some preliminary data
NOTE Confidence: 0.9407776

00:03:19.455 --> 00:03:21.535 from three observational protocols that,
NOTE Confidence: 0.9407776

00:03:21.855 --> 00:03:23.129 we are conducting right now
NOTE Confidence: 0.9407776

00:03:23.129 --> 00:03:24.030 at UCSF.

NOTE Confidence: 0.9724898
00:03:24.970 --> 00:03:26.329 We're gonna look at some
NOTE Confidence: 0.9724898
00:03:26.329 --> 00:03:28.110 ethnographic survey and epidemiologic
NOTE Confidence: 0.95430267
00:03:29.209 --> 00:03:29.709 data,
NOTE Confidence: 0.8339508
00:03:30.489 --> 00:03:32.650 focused on psychedelic harms and
NOTE Confidence: 0.8339508
00:03:32.650 --> 00:03:33.150 nonmedicalized
NOTE Confidence: 0.99960595
00:03:34.090 --> 00:03:34.590 settings
NOTE Confidence: 0.85638213
00:03:34.970 --> 00:03:36.090 with a focus on,
NOTE Confidence: 0.9453991
00:03:36.545 --> 00:03:38.144 serious adverse events and safety
NOTE Confidence: 0.9453991
00:03:38.144 --> 00:03:38.644 practices.
NOTE Confidence: 0.9953287
00:03:40.144 --> 00:03:41.045 As well as
NOTE Confidence: 0.8740382
00:03:42.465 --> 00:03:45.125 Maybe minimize this. Oh, okay.
NOTE Confidence: 0.9848762
00:03:45.425 --> 00:03:46.965 Thank you. Sorry to interrupt.
NOTE Confidence: 0.9848762
00:03:47.025 --> 00:03:47.525 Great.
NOTE Confidence: 0.94731104
00:03:49.120 --> 00:03:49.760 And then,
NOTE Confidence: 0.9883007
00:03:50.080 --> 00:03:51.520 yeah, just thinking sort of
NOTE Confidence: 0.9883007

00:03:51.520 --> 00:03:53.440 about the limitations and and
NOTE Confidence: 0.9883007

00:03:53.440 --> 00:03:54.880 benefits of of looking at
NOTE Confidence: 0.9883007

00:03:54.880 --> 00:03:55.620 real world,
NOTE Confidence: 0.9986178

00:03:56.480 --> 00:03:57.540 evidence of harms.
NOTE Confidence: 0.9515245

00:03:58.480 --> 00:03:59.840 To simplify what I wanna
NOTE Confidence: 0.9515245

00:03:59.840 --> 00:04:00.880 talk about, I'm gonna just
NOTE Confidence: 0.9515245

00:04:00.880 --> 00:04:01.840 break it down into a
NOTE Confidence: 0.9515245

00:04:01.840 --> 00:04:03.765 few topics, psychedelics and safety,
NOTE Confidence: 0.9515245

00:04:03.825 --> 00:04:05.045 a little background on that,
NOTE Confidence: 0.9875052

00:04:05.585 --> 00:04:06.565 psychedelic churches,
NOTE Confidence: 0.9981283

00:04:06.865 --> 00:04:08.325 one of our content areas,
NOTE Confidence: 0.9939642

00:04:08.785 --> 00:04:10.005 psychedelic augmented
NOTE Confidence: 0.9972288

00:04:10.625 --> 00:04:12.645 recovery from substance use disorders,
NOTE Confidence: 0.99335366

00:04:13.105 --> 00:04:14.245 and then epidemiologic,
NOTE Confidence: 0.9866265

00:04:15.025 --> 00:04:17.185 epidemiology of psychedelic harms. We'll
NOTE Confidence: 0.9866265

00:04:17.185 --> 00:04:19.060 see, you know, how much

NOTE Confidence: 0.9866265
00:04:19.060 --> 00:04:20.279 we get through together.
NOTE Confidence: 0.93736804
00:04:21.540 --> 00:04:23.320 Why study psychedelics and safety?
NOTE Confidence: 0.97609997
00:04:24.180 --> 00:04:25.779 Probably a pretty a question
NOTE Confidence: 0.97609997
00:04:25.779 --> 00:04:26.660 we don't really have to
NOTE Confidence: 0.97609997
00:04:26.660 --> 00:04:27.380 ask. There's a lot of
NOTE Confidence: 0.97609997
00:04:27.380 --> 00:04:28.980 interest in this these days,
NOTE Confidence: 0.97609997
00:04:28.980 --> 00:04:30.020 but there didn't used to
NOTE Confidence: 0.97609997
00:04:30.020 --> 00:04:31.460 be the same level of
NOTE Confidence: 0.97609997
00:04:31.460 --> 00:04:33.140 interest and discussion on this
NOTE Confidence: 0.97609997
00:04:33.140 --> 00:04:33.640 topic.
NOTE Confidence: 0.9920177
00:04:34.634 --> 00:04:35.134 About,
NOTE Confidence: 0.9627838
00:04:35.754 --> 00:04:37.194 almost twenty years ago, I
NOTE Confidence: 0.9627838
00:04:37.194 --> 00:04:38.794 was doing my first project
NOTE Confidence: 0.9627838
00:04:38.794 --> 00:04:40.154 in drug ethnography. I used
NOTE Confidence: 0.9627838
00:04:40.154 --> 00:04:40.875 to do more work in
NOTE Confidence: 0.9627838

00:04:40.875 --> 00:04:42.474 medical anthropology, and I spent
NOTE Confidence: 0.9627838

00:04:42.474 --> 00:04:43.835 time with an Ayahuasca a
NOTE Confidence: 0.9627838

00:04:43.835 --> 00:04:45.595 couple different Ayahuasca churches in
NOTE Confidence: 0.9627838

00:04:45.595 --> 00:04:46.095 Brazil,
NOTE Confidence: 0.9881618

00:04:46.589 --> 00:04:48.050 where the use of Ayahuasca
NOTE Confidence: 0.9881618

00:04:48.190 --> 00:04:49.390 has been legally protected at
NOTE Confidence: 0.9881618

00:04:49.390 --> 00:04:50.510 the federal level since the
NOTE Confidence: 0.9881618

00:04:50.510 --> 00:04:52.190 nineteen eighties. So these are
NOTE Confidence: 0.9881618

00:04:52.190 --> 00:04:54.270 established communities that have rituals
NOTE Confidence: 0.9881618

00:04:54.270 --> 00:04:55.870 and and ceremonies using this
NOTE Confidence: 0.9881618

00:04:55.870 --> 00:04:56.370 substance.
NOTE Confidence: 0.9994702

00:04:57.790 --> 00:04:58.770 At that time,
NOTE Confidence: 0.9475886

00:04:59.404 --> 00:05:01.404 the discussions regarding psychedelics, especially
NOTE Confidence: 0.9475886

00:05:01.404 --> 00:05:02.365 in the medical field, which
NOTE Confidence: 0.9475886

00:05:02.365 --> 00:05:03.664 is very different from today.
NOTE Confidence: 0.99782693

00:05:04.444 --> 00:05:05.805 Fast forwarding to work I

NOTE Confidence: 0.99782693
00:05:05.805 --> 00:05:07.085 did a few years ago,
NOTE Confidence: 0.96267927
00:05:07.404 --> 00:05:09.324 conducting a clinical, pilot study
NOTE Confidence: 0.96267927
00:05:09.324 --> 00:05:11.345 of psilocybin assisted group therapy
NOTE Confidence: 0.96267927
00:05:11.404 --> 00:05:13.650 for demoralized older long term
NOTE Confidence: 0.96267927
00:05:13.650 --> 00:05:14.630 AIDS survivors.
NOTE Confidence: 0.98807365
00:05:15.729 --> 00:05:17.190 This was my first engagement,
NOTE Confidence: 0.9955605
00:05:17.729 --> 00:05:19.089 in with clinical trials and
NOTE Confidence: 0.9955605
00:05:19.089 --> 00:05:20.050 really taught me a lot
NOTE Confidence: 0.9955605
00:05:20.050 --> 00:05:21.570 about how we assess adverse
NOTE Confidence: 0.9955605
00:05:21.570 --> 00:05:23.169 events in the clinical research
NOTE Confidence: 0.9955605
00:05:23.169 --> 00:05:23.669 setting.
NOTE Confidence: 0.99326056
00:05:23.970 --> 00:05:24.850 It showed me a lot
NOTE Confidence: 0.99326056
00:05:24.850 --> 00:05:26.145 about, you know, what actually
NOTE Confidence: 0.99326056
00:05:26.145 --> 00:05:27.825 goes into our medical knowledge
NOTE Confidence: 0.99326056
00:05:27.825 --> 00:05:28.945 of drugs, but also the
NOTE Confidence: 0.99326056

00:05:28.945 --> 00:05:30.165 limitations of,
NOTE Confidence: 0.99670583

00:05:30.945 --> 00:05:32.805 interpreting and collecting these data.
NOTE Confidence: 0.9661569

00:05:33.505 --> 00:05:34.305 This is one of my
NOTE Confidence: 0.9661569

00:05:34.305 --> 00:05:36.065 favorite parts of conducting this
NOTE Confidence: 0.9661569

00:05:36.065 --> 00:05:37.745 trial, is actually thinking through
NOTE Confidence: 0.9661569

00:05:37.745 --> 00:05:39.264 how we can understand adverse
NOTE Confidence: 0.9661569

00:05:39.264 --> 00:05:40.600 events and how we try
NOTE Confidence: 0.9661569

00:05:40.600 --> 00:05:42.060 to capture them quantitatively.
NOTE Confidence: 0.9918985

00:05:42.839 --> 00:05:44.600 Things like, for instance, this
NOTE Confidence: 0.9918985

00:05:44.600 --> 00:05:45.960 one participant in our study
NOTE Confidence: 0.9918985

00:05:45.960 --> 00:05:47.080 who had what we ended
NOTE Confidence: 0.9918985

00:05:47.080 --> 00:05:48.460 up calling a post traumatic
NOTE Confidence: 0.9918985

00:05:48.520 --> 00:05:49.580 stress flashback
NOTE Confidence: 0.9809563

00:05:49.960 --> 00:05:51.080 because I just couldn't find
NOTE Confidence: 0.9809563

00:05:51.080 --> 00:05:52.575 a better term where a
NOTE Confidence: 0.9809563

00:05:52.575 --> 00:05:54.255 few days after receiving high

NOTE Confidence: 0.9809563
00:05:54.255 --> 00:05:56.175 dose psilocybin and doing pretty
NOTE Confidence: 0.9809563
00:05:56.175 --> 00:05:57.615 well in his day after
NOTE Confidence: 0.9809563
00:05:57.615 --> 00:05:59.455 check-in with us, had a
NOTE Confidence: 0.9809563
00:05:59.455 --> 00:06:01.935 very intense visual flashback that
NOTE Confidence: 0.9809563
00:06:01.935 --> 00:06:03.615 led him very distressed. He
NOTE Confidence: 0.9809563
00:06:03.615 --> 00:06:04.415 could not go to work.
NOTE Confidence: 0.9809563
00:06:04.415 --> 00:06:05.214 He could not leave his
NOTE Confidence: 0.9809563
00:06:05.214 --> 00:06:06.095 house for a few days.
NOTE Confidence: 0.9809563
00:06:06.095 --> 00:06:07.200 He couldn't even reach out
NOTE Confidence: 0.9809563
00:06:07.200 --> 00:06:08.240 to talk to us about
NOTE Confidence: 0.9809563
00:06:08.240 --> 00:06:09.600 it, for a couple days
NOTE Confidence: 0.9809563
00:06:09.600 --> 00:06:10.880 after. And so thinking through,
NOTE Confidence: 0.9809563
00:06:10.880 --> 00:06:11.840 like, how do we detect
NOTE Confidence: 0.9809563
00:06:11.840 --> 00:06:12.880 this or how do we
NOTE Confidence: 0.9809563
00:06:12.880 --> 00:06:14.100 miss this in trials
NOTE Confidence: 0.91561294

00:06:14.400 --> 00:06:15.600 really sort of got my
NOTE Confidence: 0.91561294

00:06:15.600 --> 00:06:16.100 attention.
NOTE Confidence: 0.96420896

00:06:18.240 --> 00:06:19.440 Then as many of us
NOTE Confidence: 0.96420896

00:06:19.440 --> 00:06:21.120 know about twenty nineteen, twenty
NOTE Confidence: 0.96420896

00:06:21.120 --> 00:06:22.545 twenty, my sense is that
NOTE Confidence: 0.96420896

00:06:22.545 --> 00:06:23.265 kind of the field of
NOTE Confidence: 0.96420896

00:06:23.265 --> 00:06:24.625 psychedelic medicine just kind of
NOTE Confidence: 0.96420896

00:06:24.625 --> 00:06:25.505 took off. There was a
NOTE Confidence: 0.96420896

00:06:25.505 --> 00:06:28.085 lot more interest, research, investment
NOTE Confidence: 0.96420896

00:06:28.145 --> 00:06:29.345 in the area, and we
NOTE Confidence: 0.96420896

00:06:29.345 --> 00:06:30.705 even had states, like, for
NOTE Confidence: 0.96420896

00:06:30.705 --> 00:06:31.845 the first time, Oregon,
NOTE Confidence: 0.9997212

00:06:32.305 --> 00:06:32.805 legalizing
NOTE Confidence: 0.9668624

00:06:33.185 --> 00:06:34.404 some form of psychedelic,
NOTE Confidence: 0.981763

00:06:35.650 --> 00:06:37.889 regulated psychedelic care. It's not
NOTE Confidence: 0.981763

00:06:37.889 --> 00:06:39.490 actually psychedelic therapy. It's not

NOTE Confidence: 0.981763

00:06:39.490 --> 00:06:40.690 how they regulate it, but

NOTE Confidence: 0.981763

00:06:40.690 --> 00:06:42.550 they legalized this for adults.

NOTE Confidence: 0.96664983

00:06:43.490 --> 00:06:45.650 And that got me and

NOTE Confidence: 0.96664983

00:06:45.650 --> 00:06:47.169 some of my other, colleagues,

NOTE Confidence: 0.96664983

00:06:47.169 --> 00:06:48.449 like Charlie Grobe and Alicia

NOTE Confidence: 0.96664983

00:06:48.449 --> 00:06:50.050 Danforth, really thinking about some

NOTE Confidence: 0.96664983

00:06:50.050 --> 00:06:51.175 of the safety issues that

NOTE Confidence: 0.96664983

00:06:51.175 --> 00:06:52.715 we were not seeing emphasized

NOTE Confidence: 0.96664983

00:06:52.855 --> 00:06:53.755 like we had,

NOTE Confidence: 0.9971891

00:06:54.775 --> 00:06:55.915 in the prior years.

NOTE Confidence: 0.9813648

00:06:56.615 --> 00:06:57.735 We we wrote up a

NOTE Confidence: 0.9813648

00:06:57.735 --> 00:06:59.015 small piece about this based

NOTE Confidence: 0.9813648

00:06:59.015 --> 00:07:00.215 off of some discussions we

NOTE Confidence: 0.9813648

00:07:00.215 --> 00:07:01.355 were having with policymakers

NOTE Confidence: 0.8252584

00:07:01.735 --> 00:07:03.115 and and other scientists.

NOTE Confidence: 0.97494715

00:07:03.660 --> 00:07:04.940 And, you know, interestingly, we
NOTE Confidence: 0.97494715

00:07:04.940 --> 00:07:05.980 we kind of summarize what
NOTE Confidence: 0.97494715

00:07:05.980 --> 00:07:06.779 we thought was in the
NOTE Confidence: 0.97494715

00:07:06.779 --> 00:07:07.740 field and in our sort
NOTE Confidence: 0.97494715

00:07:07.740 --> 00:07:08.400 of clinical
NOTE Confidence: 0.99233806

00:07:08.700 --> 00:07:10.060 knowledge, sent it to a
NOTE Confidence: 0.99233806

00:07:10.060 --> 00:07:11.500 journal as a perspective piece,
NOTE Confidence: 0.99233806

00:07:11.500 --> 00:07:12.780 and they wrote back saying,
NOTE Confidence: 0.99233806

00:07:12.780 --> 00:07:14.060 you don't have enough evidence
NOTE Confidence: 0.99233806

00:07:14.060 --> 00:07:14.940 to publish this as a
NOTE Confidence: 0.99233806

00:07:14.940 --> 00:07:16.540 perspective piece. Like, you're just
NOTE Confidence: 0.99233806

00:07:16.540 --> 00:07:18.155 sort of quoting anecdotes. We
NOTE Confidence: 0.99233806

00:07:18.155 --> 00:07:19.355 can't maybe you could publish
NOTE Confidence: 0.99233806

00:07:19.355 --> 00:07:20.555 a commentary. So we ended
NOTE Confidence: 0.99233806

00:07:20.555 --> 00:07:21.835 up whittling it down, and
NOTE Confidence: 0.99233806

00:07:21.835 --> 00:07:22.715 that's what we were able

NOTE Confidence: 0.99233806
00:07:22.715 --> 00:07:23.835 to get into the literature
NOTE Confidence: 0.99233806
00:07:23.835 --> 00:07:24.655 at the time.
NOTE Confidence: 0.9653793
00:07:26.955 --> 00:07:27.995 Others have been working on
NOTE Confidence: 0.9653793
00:07:27.995 --> 00:07:29.275 this, including folks who've been
NOTE Confidence: 0.9653793
00:07:29.275 --> 00:07:31.200 in, engaged with, people here
NOTE Confidence: 0.9653793
00:07:31.200 --> 00:07:33.200 in the department, including captain
NOTE Confidence: 0.9653793
00:07:33.200 --> 00:07:34.660 Sean Beloyne at HHS,
NOTE Confidence: 0.9844016
00:07:34.960 --> 00:07:35.460 SAMHSA,
NOTE Confidence: 0.9825413
00:07:36.000 --> 00:07:36.500 etcetera.
NOTE Confidence: 0.96906185
00:07:37.120 --> 00:07:38.400 And people, I think, started
NOTE Confidence: 0.96906185
00:07:38.400 --> 00:07:39.360 to talk through, like, what
NOTE Confidence: 0.96906185
00:07:39.360 --> 00:07:40.740 is gonna happen with psychedelics
NOTE Confidence: 0.96906185
00:07:40.800 --> 00:07:41.840 are in these real world
NOTE Confidence: 0.96906185
00:07:41.840 --> 00:07:43.200 settings in Oregon and other
NOTE Confidence: 0.96906185
00:07:43.200 --> 00:07:44.800 states and municipalities that are
NOTE Confidence: 0.96906185

00:07:44.800 --> 00:07:46.825 making access more more readily
NOTE Confidence: 0.96906185

00:07:46.825 --> 00:07:48.685 available, including if there's medicalization,
NOTE Confidence: 0.9701392

00:07:48.985 --> 00:07:50.265 like an FDA approval. What's
NOTE Confidence: 0.9701392

00:07:50.265 --> 00:07:51.305 gonna happen when this is
NOTE Confidence: 0.9701392

00:07:51.305 --> 00:07:53.065 actually out in use? And
NOTE Confidence: 0.9701392

00:07:53.065 --> 00:07:54.665 so I've been, lucky to
NOTE Confidence: 0.9701392

00:07:54.665 --> 00:07:55.965 be part of some conversations
NOTE Confidence: 0.9701392

00:07:56.025 --> 00:07:57.885 and work thinking through that.
NOTE Confidence: 0.9591401

00:07:58.909 --> 00:08:00.110 When I normally talk about
NOTE Confidence: 0.9591401

00:08:00.110 --> 00:08:01.710 psychedelic harms, I normally just
NOTE Confidence: 0.9591401

00:08:01.710 --> 00:08:02.669 kinda put up a slide
NOTE Confidence: 0.9591401

00:08:02.669 --> 00:08:03.389 like this, and I say,
NOTE Confidence: 0.9591401

00:08:03.389 --> 00:08:04.110 well, I I don't have
NOTE Confidence: 0.9591401

00:08:04.110 --> 00:08:04.990 a lot of data on
NOTE Confidence: 0.9591401

00:08:04.990 --> 00:08:06.830 sort of frequency, etcetera, but
NOTE Confidence: 0.9591401

00:08:06.830 --> 00:08:07.789 we can look at trials

NOTE Confidence: 0.9591401
00:08:07.789 --> 00:08:08.830 and can say things like
NOTE Confidence: 0.9591401
00:08:08.830 --> 00:08:10.509 headache and insomnia, fatigue are
NOTE Confidence: 0.9591401
00:08:10.509 --> 00:08:12.110 pretty common. The really bad
NOTE Confidence: 0.9591401
00:08:12.110 --> 00:08:13.490 things would be things like
NOTE Confidence: 0.63614714
00:08:14.405 --> 00:08:15.765 a hybrid sounded like you're
NOTE Confidence: 0.70429856
00:08:16.645 --> 00:08:17.145 crisis.
NOTE Confidence: 0.8460392
00:08:17.685 --> 00:08:18.185 Everyone's
NOTE Confidence: 0.69215614
00:08:19.765 --> 00:08:22.505 everyone's manic or manic episode.
NOTE Confidence: 0.5736512
00:08:23.845 --> 00:08:25.045 I don't know. They'll just
NOTE Confidence: 0.5736512
00:08:25.125 --> 00:08:26.645 And Yeah. Even any side
NOTE Confidence: 0.5736512
00:08:26.645 --> 00:08:27.840 effects. I did a chocolate
NOTE Confidence: 0.5736512
00:08:27.840 --> 00:08:29.159 bag. If if if if
NOTE Confidence: 0.5736512
00:08:29.159 --> 00:08:30.000 if there can,
NOTE Confidence: 0.7195621
00:08:30.479 --> 00:08:31.520 mute her mic, that'd be
NOTE Confidence: 0.7195621
00:08:31.520 --> 00:08:33.040 great. Maybe you can Oh,
NOTE Confidence: 0.7195621

00:08:33.040 --> 00:08:33.779 it's full.
NOTE Confidence: 0.99218285
00:08:34.559 --> 00:08:35.059 Okay.
NOTE Confidence: 0.98084456
00:08:36.240 --> 00:08:37.360 But the the literature has
NOTE Confidence: 0.98084456
00:08:37.360 --> 00:08:39.040 been evolving. So, you know,
NOTE Confidence: 0.98084456
00:08:39.040 --> 00:08:40.285 these towards the top are
NOTE Confidence: 0.98084456
00:08:40.285 --> 00:08:41.325 some of my favorite citations
NOTE Confidence: 0.98084456
00:08:41.325 --> 00:08:42.365 that actually go back through
NOTE Confidence: 0.98084456
00:08:42.365 --> 00:08:43.645 the older literature and look
NOTE Confidence: 0.98084456
00:08:43.645 --> 00:08:44.765 at case reports and look
NOTE Confidence: 0.98084456
00:08:44.765 --> 00:08:46.385 at surveys of adverse events.
NOTE Confidence: 0.98084456
00:08:46.605 --> 00:08:48.045 And more recently, just twenty
NOTE Confidence: 0.98084456
00:08:48.045 --> 00:08:49.245 twenty two, twenty twenty four,
NOTE Confidence: 0.98084456
00:08:49.245 --> 00:08:50.545 we're starting to see systematic
NOTE Confidence: 0.98084456
00:08:50.605 --> 00:08:51.565 reviews that I think are
NOTE Confidence: 0.98084456
00:08:51.565 --> 00:08:52.305 more meaningful
NOTE Confidence: 0.89538866
00:08:52.685 --> 00:08:53.850 of the adverse of that

NOTE Confidence: 0.89538866

00:08:53.929 --> 00:08:54.809 events that can happen in

NOTE Confidence: 0.89538866

00:08:54.809 --> 00:08:55.709 clinical trials.

NOTE Confidence: 0.9961082

00:08:56.250 --> 00:08:57.050 But this is sort of

NOTE Confidence: 0.9961082

00:08:57.050 --> 00:08:57.850 a long way that we've

NOTE Confidence: 0.9961082

00:08:57.850 --> 00:08:59.149 come just just recently.

NOTE Confidence: 0.9747128

00:09:01.610 --> 00:09:02.730 And yet even in good

NOTE Confidence: 0.9747128

00:09:02.730 --> 00:09:04.490 systematic reviews, what we're seeing

NOTE Confidence: 0.9747128

00:09:04.490 --> 00:09:06.009 is that adverse events even

NOTE Confidence: 0.9747128

00:09:06.009 --> 00:09:07.335 happening in in well conducted

NOTE Confidence: 0.9747128

00:09:07.495 --> 00:09:08.855 trials here in the United

NOTE Confidence: 0.9747128

00:09:08.855 --> 00:09:10.054 States are not always being

NOTE Confidence: 0.9747128

00:09:10.054 --> 00:09:11.895 reported fully or maybe not

NOTE Confidence: 0.9747128

00:09:11.895 --> 00:09:13.095 being reported at all. And

NOTE Confidence: 0.9747128

00:09:13.095 --> 00:09:14.295 so there's this really helpful

NOTE Confidence: 0.9747128

00:09:14.295 --> 00:09:15.655 piece I point people towards

NOTE Confidence: 0.9747128

00:09:15.655 --> 00:09:17.115 published in the Harvard divinity
NOTE Confidence: 0.9799191

00:09:17.575 --> 00:09:19.415 bulletin two years ago by
NOTE Confidence: 0.9799191

00:09:19.415 --> 00:09:20.715 a participant in the psilocybin
NOTE Confidence: 0.9799191

00:09:20.855 --> 00:09:22.290 for depression trial who later
NOTE Confidence: 0.9799191

00:09:22.290 --> 00:09:23.410 wrote about this in sort
NOTE Confidence: 0.9799191

00:09:23.410 --> 00:09:25.170 of the gray literature detailing
NOTE Confidence: 0.9799191

00:09:25.170 --> 00:09:26.050 how she reached out to
NOTE Confidence: 0.9799191

00:09:26.050 --> 00:09:27.490 her guides. She felt like
NOTE Confidence: 0.9799191

00:09:27.490 --> 00:09:29.010 they kinda minimized her symptoms.
NOTE Confidence: 0.9799191

00:09:29.010 --> 00:09:30.050 She had sort of a
NOTE Confidence: 0.9799191

00:09:30.050 --> 00:09:31.650 prolonged impairment that went on
NOTE Confidence: 0.9799191

00:09:31.650 --> 00:09:33.010 for weeks, maybe even months.
NOTE Confidence: 0.9799191

00:09:33.010 --> 00:09:33.735 She couldn't work
NOTE Confidence: 0.9884384

00:09:34.214 --> 00:09:35.815 after the psychedelic experience that
NOTE Confidence: 0.9884384

00:09:35.815 --> 00:09:37.015 didn't quite get registered in
NOTE Confidence: 0.9884384

00:09:37.015 --> 00:09:37.755 our papers.

NOTE Confidence: 0.9544518
00:09:38.214 --> 00:09:39.095 All this just leads me
NOTE Confidence: 0.9544518
00:09:39.095 --> 00:09:39.975 to ask, like, what are
NOTE Confidence: 0.9544518
00:09:39.975 --> 00:09:40.934 we missing and what should
NOTE Confidence: 0.9544518
00:09:40.934 --> 00:09:41.735 we be thinking about how
NOTE Confidence: 0.9544518
00:09:41.735 --> 00:09:43.195 we can learn more
NOTE Confidence: 0.9834798
00:09:43.575 --> 00:09:45.255 about the downsides of this
NOTE Confidence: 0.9834798
00:09:45.255 --> 00:09:45.755 work?
NOTE Confidence: 0.993668
00:09:46.214 --> 00:09:47.735 This led our group at
NOTE Confidence: 0.993668
00:09:47.735 --> 00:09:48.235 UCSF,
NOTE Confidence: 0.99049526
00:09:49.520 --> 00:09:50.960 going through this process to
NOTE Confidence: 0.99049526
00:09:50.960 --> 00:09:52.500 apply for a regulatory
NOTE Confidence: 0.96367246
00:09:52.800 --> 00:09:54.420 science grant from the FDA
NOTE Confidence: 0.96367246
00:09:54.559 --> 00:09:56.240 or a contract that, this
NOTE Confidence: 0.96367246
00:09:56.240 --> 00:09:57.280 is back in twenty twenty
NOTE Confidence: 0.96367246
00:09:57.280 --> 00:09:58.340 one when we submitted.
NOTE Confidence: 0.96399766

00:09:58.800 --> 00:10:00.580 The FDA has extramural funding
NOTE Confidence: 0.96399766

00:10:00.720 --> 00:10:02.445 for various things that support
NOTE Confidence: 0.96399766

00:10:02.445 --> 00:10:04.445 regulatory science broadly. In this
NOTE Confidence: 0.96399766

00:10:04.445 --> 00:10:05.965 area, we focused on substance
NOTE Confidence: 0.96399766

00:10:05.965 --> 00:10:07.485 use disorders and patient and
NOTE Confidence: 0.96399766

00:10:07.485 --> 00:10:09.805 consumer preferences and perspectives was
NOTE Confidence: 0.96399766

00:10:09.805 --> 00:10:11.105 what we responded to.
NOTE Confidence: 0.96924174

00:10:12.205 --> 00:10:13.565 We put together a large
NOTE Confidence: 0.96924174

00:10:13.565 --> 00:10:15.429 project called CUPS, the community
NOTE Confidence: 0.96924174

00:10:15.429 --> 00:10:17.449 uses of psychedelics and safety.
NOTE Confidence: 0.96924174

00:10:17.670 --> 00:10:18.630 The these are all the
NOTE Confidence: 0.96924174

00:10:18.630 --> 00:10:18.949 co,
NOTE Confidence: 0.9605848

00:10:19.509 --> 00:10:20.870 investigators that have been working
NOTE Confidence: 0.9605848

00:10:20.870 --> 00:10:21.350 with this,
NOTE Confidence: 0.98384845

00:10:21.750 --> 00:10:23.110 on this. My co PI
NOTE Confidence: 0.98384845

00:10:23.110 --> 00:10:24.490 is Jenny Mitchell at UCSF.

NOTE Confidence: 0.9865253

00:10:26.790 --> 00:10:28.149 And to summarize what we

NOTE Confidence: 0.9865253

00:10:28.149 --> 00:10:29.825 did, we created a series

NOTE Confidence: 0.9865253

00:10:29.825 --> 00:10:31.365 of protocols that are community

NOTE Confidence: 0.9865253

00:10:31.425 --> 00:10:33.345 engaged or collaborative by nature

NOTE Confidence: 0.9865253

00:10:33.345 --> 00:10:34.964 that try to combine qualitative

NOTE Confidence: 0.9865253

00:10:35.024 --> 00:10:36.785 and quantitative methods in order

NOTE Confidence: 0.9865253

00:10:36.785 --> 00:10:38.225 to understand real world risks

NOTE Confidence: 0.9865253

00:10:38.225 --> 00:10:39.825 and benefits of psychedelic use

NOTE Confidence: 0.9865253

00:10:39.825 --> 00:10:41.825 in these nonmedicalized settings with

NOTE Confidence: 0.9865253

00:10:41.825 --> 00:10:42.704 the hope that this can

NOTE Confidence: 0.9865253

00:10:42.704 --> 00:10:44.460 inform policy and and clinical

NOTE Confidence: 0.9865253

00:10:44.520 --> 00:10:46.040 implementation down the down the

NOTE Confidence: 0.9865253

00:10:46.040 --> 00:10:46.540 line.

NOTE Confidence: 0.98759043

00:10:47.240 --> 00:10:49.559 We created these four, separate

NOTE Confidence: 0.98759043

00:10:49.559 --> 00:10:50.760 protocols that I'm gonna walk

NOTE Confidence: 0.98759043

00:10:50.760 --> 00:10:51.260 through,
NOTE Confidence: 0.99919415
00:10:51.640 --> 00:10:52.700 three of them today.
NOTE Confidence: 0.9665305
00:10:53.080 --> 00:10:54.120 We're not gonna go through
NOTE Confidence: 0.9665305
00:10:54.120 --> 00:10:55.480 CUPS four, which is a,
NOTE Confidence: 0.97578764
00:10:56.675 --> 00:10:58.434 three language online interview because,
NOTE Confidence: 0.97578764
00:10:58.434 --> 00:11:00.434 actually, after one year, the
NOTE Confidence: 0.97578764
00:11:00.434 --> 00:11:01.714 FDA cut that out of
NOTE Confidence: 0.97578764
00:11:01.714 --> 00:11:02.375 the contract.
NOTE Confidence: 0.9987113
00:11:03.074 --> 00:11:03.875 I learned a lot of
NOTE Confidence: 0.9987113
00:11:03.875 --> 00:11:05.495 lessons about trying to subcontract
NOTE Confidence: 0.9947117
00:11:05.954 --> 00:11:07.634 research to Brazil and send
NOTE Confidence: 0.9947117
00:11:07.634 --> 00:11:09.650 money abroad, which took a
NOTE Confidence: 0.9947117
00:11:09.650 --> 00:11:11.170 year to send the first
NOTE Confidence: 0.9947117
00:11:11.170 --> 00:11:11.670 check.
NOTE Confidence: 0.9715812
00:11:12.050 --> 00:11:13.490 And after that, FDA said
NOTE Confidence: 0.9715812
00:11:13.490 --> 00:11:14.770 it's not really focused on

NOTE Confidence: 0.9715812
00:11:14.770 --> 00:11:15.890 US citizens that we have
NOTE Confidence: 0.9715812
00:11:15.890 --> 00:11:17.250 to prioritize. This is very
NOTE Confidence: 0.9715812
00:11:17.250 --> 00:11:18.530 delayed, so we actually lost
NOTE Confidence: 0.9715812
00:11:18.530 --> 00:11:19.030 that.
NOTE Confidence: 0.99932194
00:11:19.490 --> 00:11:20.290 But we'll come back to
NOTE Confidence: 0.99932194
00:11:20.290 --> 00:11:21.750 that a little bit later.
NOTE Confidence: 0.97074527
00:11:23.465 --> 00:11:24.905 And then we actually designed
NOTE Confidence: 0.97074527
00:11:24.905 --> 00:11:26.025 the study to be done
NOTE Confidence: 0.97074527
00:11:26.025 --> 00:11:27.885 in consultation with the community
NOTE Confidence: 0.97074527
00:11:27.945 --> 00:11:29.325 partners. So this is a,
NOTE Confidence: 0.9592947
00:11:30.105 --> 00:11:30.605 nonprofit,
NOTE Confidence: 0.98375964
00:11:30.985 --> 00:11:31.805 public education,
NOTE Confidence: 0.9954157
00:11:32.585 --> 00:11:34.025 institute in San Francisco that's
NOTE Confidence: 0.9954157
00:11:34.025 --> 00:11:35.145 been helping us with with
NOTE Confidence: 0.9954157
00:11:35.145 --> 00:11:35.805 the research.
NOTE Confidence: 0.9784916

00:11:37.530 --> 00:11:38.890 So to break down sort
NOTE Confidence: 0.9784916

00:11:38.890 --> 00:11:39.770 of what we did in
NOTE Confidence: 0.9784916

00:11:39.770 --> 00:11:41.050 a sort of a series
NOTE Confidence: 0.9784916

00:11:41.050 --> 00:11:41.630 of questions,
NOTE Confidence: 0.96460277

00:11:43.290 --> 00:11:44.330 you know, one way to
NOTE Confidence: 0.96460277

00:11:44.330 --> 00:11:45.850 ask this is, what can
NOTE Confidence: 0.96460277

00:11:45.850 --> 00:11:47.630 we learn from religious communities
NOTE Confidence: 0.96460277

00:11:47.929 --> 00:11:49.870 where members engage in frequent,
NOTE Confidence: 0.9782348

00:11:50.825 --> 00:11:53.225 chronic, high dose psychedelic use
NOTE Confidence: 0.9782348

00:11:53.225 --> 00:11:54.845 without formal medical supervision.
NOTE Confidence: 0.98725444

00:11:55.225 --> 00:11:56.105 This is how we describe
NOTE Confidence: 0.98725444

00:11:56.105 --> 00:11:57.065 it to the FDA. I
NOTE Confidence: 0.98725444

00:11:57.065 --> 00:11:58.025 think this is a terrible
NOTE Confidence: 0.98725444

00:11:58.025 --> 00:11:59.225 way to describe a psychedelic
NOTE Confidence: 0.98725444

00:11:59.225 --> 00:12:00.265 church, but we had to
NOTE Confidence: 0.98725444

00:12:00.265 --> 00:12:01.385 sort of translate it into

NOTE Confidence: 0.98725444
00:12:01.385 --> 00:12:01.885 medical,
NOTE Confidence: 0.9928529
00:12:02.505 --> 00:12:04.470 parlance to sort of argue
NOTE Confidence: 0.9928529
00:12:04.470 --> 00:12:05.770 about why this is relevant
NOTE Confidence: 0.9928529
00:12:05.830 --> 00:12:07.190 for what we do with
NOTE Confidence: 0.9928529
00:12:07.190 --> 00:12:07.929 with medical,
NOTE Confidence: 0.71099913
00:12:08.390 --> 00:12:08.890 research.
NOTE Confidence: 0.9393557
00:12:09.750 --> 00:12:11.110 So in this protocol led
NOTE Confidence: 0.9393557
00:12:11.110 --> 00:12:12.630 by what who was a,
NOTE Confidence: 0.9393557
00:12:12.870 --> 00:12:14.470 postdoc, NIDA two thirty two
NOTE Confidence: 0.9393557
00:12:14.470 --> 00:12:15.750 funded postdoc in our group
NOTE Confidence: 0.9393557
00:12:15.750 --> 00:12:16.870 who's now actually a faculty
NOTE Confidence: 0.9393557
00:12:16.870 --> 00:12:18.330 member, out in Boston,
NOTE Confidence: 0.8891678
00:12:18.815 --> 00:12:20.415 doctor Maha Mian, a clinical
NOTE Confidence: 0.8891678
00:12:20.415 --> 00:12:20.915 psychologist.
NOTE Confidence: 0.9798872
00:12:21.934 --> 00:12:22.895 One of our aims was
NOTE Confidence: 0.9798872

00:12:22.895 --> 00:12:24.575 to first actually establish a
NOTE Confidence: 0.9798872

00:12:24.575 --> 00:12:26.495 community advisory board of,
NOTE Confidence: 0.97618514

00:12:27.375 --> 00:12:29.615 affiliates or, allies of long
NOTE Confidence: 0.97618514

00:12:29.615 --> 00:12:31.375 standing churches who've been operating
NOTE Confidence: 0.97618514

00:12:31.375 --> 00:12:32.415 in this country for over
NOTE Confidence: 0.97618514

00:12:32.415 --> 00:12:34.115 a decade that use psychedelics.
NOTE Confidence: 0.98656654

00:12:35.040 --> 00:12:36.000 We wanted to build a
NOTE Confidence: 0.98656654

00:12:36.000 --> 00:12:37.600 relationship with them, so that
NOTE Confidence: 0.98656654

00:12:37.600 --> 00:12:38.480 they could help us with
NOTE Confidence: 0.98656654

00:12:38.480 --> 00:12:40.080 our design and also access
NOTE Confidence: 0.98656654

00:12:40.080 --> 00:12:40.559 to gain,
NOTE Confidence: 0.9658021

00:12:41.120 --> 00:12:42.500 to do the data collection.
NOTE Confidence: 0.9658021

00:12:42.720 --> 00:12:44.820 And we found, six members
NOTE Confidence: 0.9658021

00:12:45.040 --> 00:12:45.840 who are aged,
NOTE Confidence: 0.9465123

00:12:46.640 --> 00:12:48.640 range from, forty to seventy
NOTE Confidence: 0.9465123

00:12:48.640 --> 00:12:49.380 years old,

NOTE Confidence: 0.9598311

00:12:50.304 --> 00:12:51.105 from all parts of the

NOTE Confidence: 0.9598311

00:12:51.105 --> 00:12:53.904 country, and whose mean number

NOTE Confidence: 0.9598311

00:12:53.904 --> 00:12:55.824 of years of experience practicing

NOTE Confidence: 0.9598311

00:12:55.824 --> 00:12:57.824 their tradition is over twenty

NOTE Confidence: 0.9598311

00:12:57.824 --> 00:12:59.105 years is the average for

NOTE Confidence: 0.9598311

00:12:59.105 --> 00:12:59.845 this group.

NOTE Confidence: 0.98145294

00:13:00.304 --> 00:13:01.105 They use a number of

NOTE Confidence: 0.98145294

00:13:01.105 --> 00:13:02.005 different psychedelic

NOTE Confidence: 0.97611666

00:13:02.440 --> 00:13:03.720 substances, and one of them

NOTE Confidence: 0.97611666

00:13:03.720 --> 00:13:04.759 even wrote us a letter

NOTE Confidence: 0.97611666

00:13:04.759 --> 00:13:05.720 of support and was part

NOTE Confidence: 0.97611666

00:13:05.720 --> 00:13:06.759 of how we designed some

NOTE Confidence: 0.97611666

00:13:06.759 --> 00:13:07.880 of the questions for even

NOTE Confidence: 0.97611666

00:13:07.880 --> 00:13:09.320 submitting the contract to FDA

NOTE Confidence: 0.97611666

00:13:09.320 --> 00:13:10.300 in the first place.

NOTE Confidence: 0.9580231

00:13:12.519 --> 00:13:13.800 What we then did as
NOTE Confidence: 0.9580231

00:13:13.800 --> 00:13:14.839 far as data collection is
NOTE Confidence: 0.9580231

00:13:14.839 --> 00:13:16.040 we really tried to understand
NOTE Confidence: 0.9580231

00:13:16.040 --> 00:13:17.895 attitudes and beliefs amongst psychedelic
NOTE Confidence: 0.9580231

00:13:18.135 --> 00:13:19.575 users in these churches for
NOTE Confidence: 0.9580231

00:13:19.575 --> 00:13:20.715 how they think about,
NOTE Confidence: 0.9844059

00:13:21.095 --> 00:13:22.215 adverse events and how they
NOTE Confidence: 0.9844059

00:13:22.215 --> 00:13:23.115 can be prevented.
NOTE Confidence: 0.96006465

00:13:23.895 --> 00:13:26.155 We involve the methods involve
NOTE Confidence: 0.96006465

00:13:26.295 --> 00:13:28.695 brief ethnographic site, visits to
NOTE Confidence: 0.96006465

00:13:28.695 --> 00:13:29.195 churches,
NOTE Confidence: 0.9241202

00:13:29.815 --> 00:13:31.255 focus groups of church leaders,
NOTE Confidence: 0.9241202

00:13:31.255 --> 00:13:33.020 interviews with church members, and
NOTE Confidence: 0.9241202

00:13:33.020 --> 00:13:34.140 then a survey we constructed
NOTE Confidence: 0.9241202

00:13:34.140 --> 00:13:34.460 to understand,
NOTE Confidence: 0.99754494

00:13:35.660 --> 00:13:36.720 the churches themselves.

NOTE Confidence: 0.97427386
00:13:38.460 --> 00:13:40.300 Something I'll just pause briefly
NOTE Confidence: 0.97427386
00:13:40.300 --> 00:13:41.420 and talk about is because
NOTE Confidence: 0.97427386
00:13:41.420 --> 00:13:42.800 this was a, federal
NOTE Confidence: 0.9892604
00:13:43.179 --> 00:13:44.700 contract and not a federal
NOTE Confidence: 0.9892604
00:13:44.700 --> 00:13:45.200 grant,
NOTE Confidence: 0.9748123
00:13:45.615 --> 00:13:47.135 We were subject to, and
NOTE Confidence: 0.9748123
00:13:47.135 --> 00:13:48.255 I didn't understand this at
NOTE Confidence: 0.9748123
00:13:48.255 --> 00:13:50.015 first, the Paperwork Reduction Act
NOTE Confidence: 0.9748123
00:13:50.015 --> 00:13:51.455 that says that any survey
NOTE Confidence: 0.9748123
00:13:51.455 --> 00:13:52.895 we do has to be
NOTE Confidence: 0.9748123
00:13:52.895 --> 00:13:54.095 go through a public comment
NOTE Confidence: 0.9748123
00:13:54.095 --> 00:13:56.095 period like any federal employee
NOTE Confidence: 0.9748123
00:13:56.095 --> 00:13:57.475 would. And so
NOTE Confidence: 0.9974657
00:13:57.775 --> 00:13:58.275 we
NOTE Confidence: 0.9926341
00:13:58.580 --> 00:14:00.179 have had some significant delays
NOTE Confidence: 0.9926341

00:14:00.179 --> 00:14:01.220 because we were not allowed
NOTE Confidence: 0.9926341

00:14:01.220 --> 00:14:02.420 to submit any of our
NOTE Confidence: 0.9926341

00:14:02.420 --> 00:14:03.720 requests to do the surveys
NOTE Confidence: 0.9606851

00:14:04.100 --> 00:14:06.179 until all of the protocols
NOTE Confidence: 0.9606851

00:14:06.179 --> 00:14:07.700 in the contract had all
NOTE Confidence: 0.9606851

00:14:07.700 --> 00:14:08.840 the paperwork together.
NOTE Confidence: 0.97846156

00:14:09.300 --> 00:14:11.140 And, that included our Brazilian
NOTE Confidence: 0.97846156

00:14:11.140 --> 00:14:12.260 colleagues who had to translate
NOTE Confidence: 0.97846156

00:14:12.260 --> 00:14:13.785 everything in English and submit.
NOTE Confidence: 0.97846156

00:14:14.024 --> 00:14:15.464 So we were pretty hampered
NOTE Confidence: 0.97846156

00:14:15.464 --> 00:14:16.584 by this rule, and that's
NOTE Confidence: 0.97846156

00:14:16.584 --> 00:14:17.464 part of the reason why
NOTE Confidence: 0.97846156

00:14:17.464 --> 00:14:18.584 some of this survey work
NOTE Confidence: 0.97846156

00:14:18.584 --> 00:14:19.545 has actually been cut from
NOTE Confidence: 0.97846156

00:14:19.545 --> 00:14:20.204 the contract.
NOTE Confidence: 0.97788376

00:14:21.144 --> 00:14:22.024 But what we have been

NOTE Confidence: 0.97788376

00:14:22.024 --> 00:14:23.305 able to do, even under

NOTE Confidence: 0.97788376

00:14:23.305 --> 00:14:24.824 the PRA, is pilot our

NOTE Confidence: 0.97788376

00:14:24.824 --> 00:14:25.944 our methods. And so we've

NOTE Confidence: 0.97788376

00:14:25.944 --> 00:14:28.040 worked with one DEA registered

NOTE Confidence: 0.97788376

00:14:28.040 --> 00:14:29.400 church. They have a DEA

NOTE Confidence: 0.97788376

00:14:29.400 --> 00:14:30.460 schedule one registration,

NOTE Confidence: 0.9001874

00:14:31.000 --> 00:14:31.960 one church that does not

NOTE Confidence: 0.9001874

00:14:32.040 --> 00:14:33.260 is not DA registered.

NOTE Confidence: 0.9703565

00:14:34.840 --> 00:14:36.840 It's been, critical just thinking

NOTE Confidence: 0.9703565

00:14:36.840 --> 00:14:37.880 through, like, how we've done

NOTE Confidence: 0.9703565

00:14:37.880 --> 00:14:39.080 this, that members of our

NOTE Confidence: 0.9703565

00:14:39.080 --> 00:14:40.584 community advisory board have have

NOTE Confidence: 0.9703565

00:14:40.584 --> 00:14:42.024 served as liaisons to bring

NOTE Confidence: 0.9703565

00:14:42.024 --> 00:14:43.225 us into the communities and

NOTE Confidence: 0.9703565

00:14:43.225 --> 00:14:44.505 introduce us to members to

NOTE Confidence: 0.9703565

00:14:44.505 --> 00:14:45.725 facilitate interviews.
NOTE Confidence: 0.9975514

00:14:46.745 --> 00:14:48.024 It's been very helpful to
NOTE Confidence: 0.9975514

00:14:48.024 --> 00:14:49.644 actually go to sites,
NOTE Confidence: 0.9401436

00:14:50.345 --> 00:14:52.105 conduct visits, meet people in
NOTE Confidence: 0.9401436

00:14:52.105 --> 00:14:52.605 person.
NOTE Confidence: 0.97249085

00:14:52.985 --> 00:14:53.865 And I'm one of the
NOTE Confidence: 0.97249085

00:14:53.865 --> 00:14:55.245 team members that has volunteered
NOTE Confidence: 0.97249085

00:14:55.305 --> 00:14:57.440 to participate in the ceremonies,
NOTE Confidence: 0.97249085

00:14:57.500 --> 00:14:59.339 which the church members often
NOTE Confidence: 0.97249085

00:14:59.339 --> 00:15:00.940 require that at least someone
NOTE Confidence: 0.97249085

00:15:00.940 --> 00:15:02.380 who's gonna be there is
NOTE Confidence: 0.97249085

00:15:02.380 --> 00:15:02.880 participating.
NOTE Confidence: 0.9876081

00:15:04.540 --> 00:15:05.920 And it also leads to
NOTE Confidence: 0.9876081

00:15:05.980 --> 00:15:08.380 very interesting conversations that sort
NOTE Confidence: 0.9876081

00:15:08.380 --> 00:15:10.300 of convey their understanding of
NOTE Confidence: 0.9876081

00:15:10.300 --> 00:15:11.644 why people should participate,

NOTE Confidence: 0.9696342
00:15:12.185 --> 00:15:13.225 not reasons of like, oh,
NOTE Confidence: 0.9696342
00:15:13.225 --> 00:15:14.524 you're not gonna understand
NOTE Confidence: 0.9820643
00:15:14.904 --> 00:15:16.685 always, but also things like,
NOTE Confidence: 0.9820643
00:15:16.824 --> 00:15:18.105 if you are around us
NOTE Confidence: 0.9820643
00:15:18.105 --> 00:15:19.144 when we're doing a ceremony
NOTE Confidence: 0.9820643
00:15:19.144 --> 00:15:20.185 and you haven't taken the
NOTE Confidence: 0.9820643
00:15:20.185 --> 00:15:21.545 sacrament, you are not gonna
NOTE Confidence: 0.9820643
00:15:21.545 --> 00:15:23.065 be spiritually protected, and we're
NOTE Confidence: 0.9820643
00:15:23.065 --> 00:15:24.285 concerned for your safety.
NOTE Confidence: 0.9674007
00:15:25.210 --> 00:15:26.250 So we're learning things about
NOTE Confidence: 0.9674007
00:15:26.250 --> 00:15:27.050 how they talk and think
NOTE Confidence: 0.9674007
00:15:27.050 --> 00:15:28.330 about safety and instruct our
NOTE Confidence: 0.9674007
00:15:28.330 --> 00:15:29.529 members by just being there
NOTE Confidence: 0.9674007
00:15:29.529 --> 00:15:30.190 with them.
NOTE Confidence: 0.94901764
00:15:30.730 --> 00:15:31.870 Alright. I have a question.
NOTE Confidence: 0.94901764

00:15:31.930 --> 00:15:33.450 Yeah. Maybe you'll get into
NOTE Confidence: 0.94901764

00:15:33.450 --> 00:15:34.490 this, but is,
NOTE Confidence: 0.86295986

00:15:35.210 --> 00:15:36.250 I I I haven't done
NOTE Confidence: 0.86295986

00:15:36.250 --> 00:15:37.370 a deep dive on the
NOTE Confidence: 0.86295986

00:15:37.370 --> 00:15:39.130 the psychedelic churches. So Yeah.
NOTE Confidence: 0.86295986

00:15:39.380 --> 00:15:40.935 Is their their taking of
NOTE Confidence: 0.86295986

00:15:40.935 --> 00:15:42.935 the secularism purely for spiritual
NOTE Confidence: 0.86295986

00:15:42.935 --> 00:15:44.795 enlightenment, or do they sometimes
NOTE Confidence: 0.86295986

00:15:45.015 --> 00:15:46.475 offer that for medicinal purposes?
NOTE Confidence: 0.86295986

00:15:46.615 --> 00:15:47.115 Or
NOTE Confidence: 0.9469603

00:15:47.654 --> 00:15:48.935 what are the purposes for
NOTE Confidence: 0.9469603

00:15:48.935 --> 00:15:51.015 you? Great. So secular church
NOTE Confidence: 0.9469603

00:15:51.015 --> 00:15:52.795 is, like, a very broad
NOTE Confidence: 0.9469603

00:15:52.935 --> 00:15:53.435 label.
NOTE Confidence: 0.9961207

00:15:55.800 --> 00:15:57.880 There are organizations that call
NOTE Confidence: 0.9961207

00:15:57.880 --> 00:16:00.040 themselves churches in this country

NOTE Confidence: 0.9961207

00:16:00.040 --> 00:16:01.560 that look much more like

NOTE Confidence: 0.9961207

00:16:01.560 --> 00:16:02.060 dispensaries.

NOTE Confidence: 0.9921913

00:16:03.720 --> 00:16:05.560 There are communities that, we've

NOTE Confidence: 0.9921913

00:16:05.560 --> 00:16:07.000 probably never heard about because

NOTE Confidence: 0.9921913

00:16:07.000 --> 00:16:08.600 they're so underground. They protect

NOTE Confidence: 0.9921913

00:16:08.600 --> 00:16:09.720 their work so much that,

NOTE Confidence: 0.9921913

00:16:10.120 --> 00:16:11.065 we're just never gonna be

NOTE Confidence: 0.9921913

00:16:11.065 --> 00:16:12.185 able to interview them for

NOTE Confidence: 0.9921913

00:16:12.185 --> 00:16:13.245 a study like this.

NOTE Confidence: 0.9753772

00:16:13.705 --> 00:16:14.745 The groups that we're going

NOTE Confidence: 0.9753772

00:16:14.745 --> 00:16:16.285 to, we've very specifically

NOTE Confidence: 0.99127245

00:16:17.065 --> 00:16:18.825 decided our inclusion criteria would

NOTE Confidence: 0.99127245

00:16:18.825 --> 00:16:20.205 be operating consistently

NOTE Confidence: 0.95066243

00:16:20.825 --> 00:16:22.025 for at least a decade

NOTE Confidence: 0.95066243

00:16:22.025 --> 00:16:22.985 in this country. Some of

NOTE Confidence: 0.95066243

00:16:22.985 --> 00:16:23.785 them have been around for
NOTE Confidence: 0.8586302

00:16:24.470 --> 00:16:26.410 since the late eighties.
NOTE Confidence: 0.98910576

00:16:27.990 --> 00:16:29.830 And they are not they're
NOTE Confidence: 0.98910576

00:16:29.830 --> 00:16:31.610 not they're not ketamine clinics
NOTE Confidence: 0.98910576

00:16:31.750 --> 00:16:33.110 trying to not be medically
NOTE Confidence: 0.98910576

00:16:33.110 --> 00:16:33.610 regulated.
NOTE Confidence: 0.99007565

00:16:34.390 --> 00:16:35.910 They really do and this
NOTE Confidence: 0.99007565

00:16:35.910 --> 00:16:36.710 is why we've chosen to
NOTE Confidence: 0.99007565

00:16:36.710 --> 00:16:37.830 have, like, a very sincere
NOTE Confidence: 0.99007565

00:16:37.830 --> 00:16:39.110 practice of, like, a spiritual
NOTE Confidence: 0.99007565

00:16:39.110 --> 00:16:40.754 community that uses these substances
NOTE Confidence: 0.99007565

00:16:40.894 --> 00:16:41.634 as sacraments.
NOTE Confidence: 0.89528656

00:16:42.175 --> 00:16:43.795 And yet it would be,
NOTE Confidence: 0.9983614

00:16:44.814 --> 00:16:46.115 it would be strange
NOTE Confidence: 0.9921676

00:16:46.495 --> 00:16:47.954 to think that there's no
NOTE Confidence: 0.9921676

00:16:48.175 --> 00:16:50.334 intention of, like, healing or

NOTE Confidence: 0.9921676
00:16:50.334 --> 00:16:52.415 therapeutic purposes in these communities,
NOTE Confidence: 0.9921676
00:16:52.415 --> 00:16:53.454 and many of them come
NOTE Confidence: 0.9921676
00:16:53.454 --> 00:16:53.954 from
NOTE Confidence: 0.9997361
00:16:54.690 --> 00:16:55.350 lineages of
NOTE Confidence: 0.95822656
00:16:56.130 --> 00:16:58.310 cyclic plant and fungus use
NOTE Confidence: 0.95822656
00:16:58.450 --> 00:16:59.650 that are very much focused
NOTE Confidence: 0.95822656
00:16:59.650 --> 00:17:00.790 on types of healing.
NOTE Confidence: 0.9818098
00:17:01.170 --> 00:17:02.610 But that maybe looks differently
NOTE Confidence: 0.9818098
00:17:02.610 --> 00:17:04.130 than how we conceptualize, like,
NOTE Confidence: 0.9818098
00:17:04.130 --> 00:17:06.290 medical treatment and therapeutic uses
NOTE Confidence: 0.9818098
00:17:06.290 --> 00:17:07.910 in North America today.
NOTE Confidence: 0.85427666
00:17:08.905 --> 00:17:09.645 If that
NOTE Confidence: 0.9617617
00:17:10.184 --> 00:17:11.305 there's there's a variety. We're
NOTE Confidence: 0.9617617
00:17:11.305 --> 00:17:12.425 focused on folks that look
NOTE Confidence: 0.9617617
00:17:12.425 --> 00:17:13.325 more like churches.
NOTE Confidence: 0.81311923

00:17:14.744 --> 00:17:16.505 That includes, like, Native American
NOTE Confidence: 0.81311923

00:17:16.505 --> 00:17:17.565 churches? Or
NOTE Confidence: 0.81933945

00:17:18.265 --> 00:17:20.025 they want to. So I
NOTE Confidence: 0.81933945

00:17:20.025 --> 00:17:21.225 mean, we're working working with
NOTE Confidence: 0.81933945

00:17:21.225 --> 00:17:23.325 communities that have different
NOTE Confidence: 0.9996382

00:17:23.980 --> 00:17:24.480 sacraments.
NOTE Confidence: 0.9740503

00:17:25.259 --> 00:17:26.940 We specifically did not include
NOTE Confidence: 0.9740503

00:17:26.940 --> 00:17:29.039 Native American church in this
NOTE Confidence: 0.9740503

00:17:29.100 --> 00:17:30.619 study because we just for
NOTE Confidence: 0.9740503

00:17:30.619 --> 00:17:32.460 historical political reasons, they're really
NOTE Confidence: 0.9740503

00:17:32.460 --> 00:17:33.899 kind of separate. They're sort
NOTE Confidence: 0.9740503

00:17:33.899 --> 00:17:35.259 of regulated differently, and they're
NOTE Confidence: 0.9740503

00:17:35.340 --> 00:17:36.380 they have, like, a different
NOTE Confidence: 0.9740503

00:17:36.380 --> 00:17:38.065 sort of makeup of some
NOTE Confidence: 0.9740503

00:17:38.065 --> 00:17:38.965 of what they do.
NOTE Confidence: 0.97332555

00:17:40.065 --> 00:17:41.345 And we actually tried to

NOTE Confidence: 0.97332555
00:17:41.345 --> 00:17:43.745 get a tribal advisory committee
NOTE Confidence: 0.97332555
00:17:43.745 --> 00:17:45.825 from the HHS to talk
NOTE Confidence: 0.97332555
00:17:45.825 --> 00:17:47.425 to us about engaging with
NOTE Confidence: 0.97332555
00:17:47.425 --> 00:17:48.325 NEC churches.
NOTE Confidence: 0.98363954
00:17:48.705 --> 00:17:50.325 We couldn't even find a
NOTE Confidence: 0.98363954
00:17:50.480 --> 00:17:51.760 TAC that had the bandwidth
NOTE Confidence: 0.98363954
00:17:51.760 --> 00:17:52.560 to talk to us. We
NOTE Confidence: 0.98363954
00:17:52.560 --> 00:17:54.640 went to FDA's TAC, NIH's
NOTE Confidence: 0.98363954
00:17:54.640 --> 00:17:56.080 TAC, and SAMHSA has their
NOTE Confidence: 0.98363954
00:17:56.080 --> 00:17:57.840 own tribal advisory committee. We
NOTE Confidence: 0.98363954
00:17:57.840 --> 00:17:59.040 ended up just not doing
NOTE Confidence: 0.98363954
00:17:59.040 --> 00:18:00.960 a formal consultation with with
NOTE Confidence: 0.98363954
00:18:00.960 --> 00:18:02.480 native leaders, but we've worked
NOTE Confidence: 0.98363954
00:18:02.480 --> 00:18:04.180 with groups that probably
NOTE Confidence: 0.9919574
00:18:05.119 --> 00:18:05.619 are
NOTE Confidence: 0.9704168

00:18:06.655 --> 00:18:08.655 from, South America or Latin
NOTE Confidence: 0.9704168

00:18:08.655 --> 00:18:10.335 America in in origin so
NOTE Confidence: 0.9704168

00:18:10.335 --> 00:18:10.835 far.
NOTE Confidence: 0.96329206

00:18:15.535 --> 00:18:16.415 Just to get to some
NOTE Confidence: 0.96329206

00:18:16.415 --> 00:18:17.775 of the qualitative data, you
NOTE Confidence: 0.96329206

00:18:17.775 --> 00:18:18.595 know, summarizing,
NOTE Confidence: 0.9706749

00:18:18.975 --> 00:18:20.335 this is, like, from one
NOTE Confidence: 0.9706749

00:18:20.335 --> 00:18:21.809 interview focused on screening and
NOTE Confidence: 0.9706749

00:18:21.809 --> 00:18:22.309 safety.
NOTE Confidence: 0.50222766

00:18:24.369 --> 00:18:24.869 Jump.
NOTE Confidence: 0.95712763

00:18:25.330 --> 00:18:26.529 So we had someone last
NOTE Confidence: 0.95712763

00:18:26.529 --> 00:18:28.529 year who, almost had every
NOTE Confidence: 0.95712763

00:18:28.529 --> 00:18:29.809 red flag you can think
NOTE Confidence: 0.95712763

00:18:29.809 --> 00:18:30.309 of.
NOTE Confidence: 0.9838574

00:18:30.850 --> 00:18:31.970 I spoke with this person
NOTE Confidence: 0.9838574

00:18:31.970 --> 00:18:33.825 multiple times. I spoke with

NOTE Confidence: 0.9838574
00:18:33.825 --> 00:18:34.565 their therapist,
NOTE Confidence: 0.9260881
00:18:34.945 --> 00:18:36.225 and there were so many
NOTE Confidence: 0.9260881
00:18:36.225 --> 00:18:36.725 contraindications.
NOTE Confidence: 0.9934659
00:18:37.585 --> 00:18:39.184 And the person over multiple
NOTE Confidence: 0.9934659
00:18:39.184 --> 00:18:40.705 meetings with myself and then
NOTE Confidence: 0.9934659
00:18:40.705 --> 00:18:42.544 talking to other leaders in
NOTE Confidence: 0.9934659
00:18:42.544 --> 00:18:44.145 the church, we ultimately decided
NOTE Confidence: 0.9934659
00:18:44.145 --> 00:18:45.445 that this person could come
NOTE Confidence: 0.9934659
00:18:45.585 --> 00:18:46.484 to the ceremony.
NOTE Confidence: 0.9750321
00:18:48.059 --> 00:18:49.340 Her therapist is kind of,
NOTE Confidence: 0.9750321
00:18:49.340 --> 00:18:50.320 like, in the biz
NOTE Confidence: 0.96462613
00:18:50.859 --> 00:18:52.000 of psychedelic therapy,
NOTE Confidence: 0.9716051
00:18:52.700 --> 00:18:54.139 shall we shall we say,
NOTE Confidence: 0.9716051
00:18:54.139 --> 00:18:55.759 and the therapist also attended.
NOTE Confidence: 0.9987575
00:18:56.380 --> 00:18:57.119 And so
NOTE Confidence: 0.9979034

00:18:57.500 --> 00:18:58.940 there there are really strict

NOTE Confidence: 0.9979034

00:18:58.940 --> 00:19:00.380 guidelines that this person would

NOTE Confidence: 0.9979034

00:19:00.380 --> 00:19:02.380 be given very, very small

NOTE Confidence: 0.9979034

00:19:02.380 --> 00:19:02.880 amounts

NOTE Confidence: 0.9995071

00:19:03.304 --> 00:19:04.205 of the sacrament

NOTE Confidence: 0.98510677

00:19:04.825 --> 00:19:05.705 and would just be in

NOTE Confidence: 0.98510677

00:19:05.705 --> 00:19:07.065 the space first and not

NOTE Confidence: 0.98510677

00:19:07.065 --> 00:19:07.885 go for it.

NOTE Confidence: 0.95786756

00:19:08.424 --> 00:19:10.025 And and they did so

NOTE Confidence: 0.95786756

00:19:10.025 --> 00:19:11.225 well. It was good for

NOTE Confidence: 0.95786756

00:19:11.225 --> 00:19:12.664 them, and they're getting off

NOTE Confidence: 0.95786756

00:19:12.664 --> 00:19:14.424 their meds. So sometimes the

NOTE Confidence: 0.95786756

00:19:14.424 --> 00:19:15.405 contra contraindications

NOTE Confidence: 0.9752966

00:19:15.945 --> 00:19:16.984 are in your face, but

NOTE Confidence: 0.9752966

00:19:16.984 --> 00:19:18.184 you do it anyway just

NOTE Confidence: 0.9752966

00:19:18.184 --> 00:19:20.070 because you get, I don't

NOTE Confidence: 0.9752966
00:19:20.369 --> 00:19:22.130 know. But that's so rare
NOTE Confidence: 0.9752966
00:19:22.130 --> 00:19:23.490 that we do that. That's
NOTE Confidence: 0.9752966
00:19:23.490 --> 00:19:24.690 the one time I can
NOTE Confidence: 0.9752966
00:19:24.690 --> 00:19:25.890 remember we actually sort of
NOTE Confidence: 0.9752966
00:19:25.890 --> 00:19:26.710 took a chance.
NOTE Confidence: 0.977929
00:19:27.330 --> 00:19:28.609 But there were a lot
NOTE Confidence: 0.977929
00:19:28.609 --> 00:19:29.810 of conditions in place. The
NOTE Confidence: 0.977929
00:19:29.810 --> 00:19:31.570 person's parents and siblings and
NOTE Confidence: 0.977929
00:19:31.570 --> 00:19:33.090 everyone supported what they were
NOTE Confidence: 0.977929
00:19:33.090 --> 00:19:33.925 doing, so we had a
NOTE Confidence: 0.977929
00:19:33.925 --> 00:19:35.285 huge network of support for
NOTE Confidence: 0.977929
00:19:35.285 --> 00:19:35.945 the person.
NOTE Confidence: 0.9740935
00:19:36.645 --> 00:19:38.085 But, otherwise, yeah, if need
NOTE Confidence: 0.9740935
00:19:38.085 --> 00:19:39.605 be, if it if there
NOTE Confidence: 0.9740935
00:19:39.605 --> 00:19:40.965 are questions, I'll talk to
NOTE Confidence: 0.9740935

00:19:40.965 --> 00:19:41.465 people.
NOTE Confidence: 0.99307775

00:19:42.405 --> 00:19:43.125 They have to let me
NOTE Confidence: 0.99307775

00:19:43.125 --> 00:19:44.085 talk to their therapist and
NOTE Confidence: 0.99307775

00:19:44.085 --> 00:19:44.805 make sure that they have
NOTE Confidence: 0.99307775

00:19:44.805 --> 00:19:45.785 adequate follow-up.
NOTE Confidence: 0.99256223

00:19:46.320 --> 00:19:47.359 So this is someone in
NOTE Confidence: 0.99256223

00:19:47.359 --> 00:19:48.320 one of these churches that
NOTE Confidence: 0.99256223

00:19:48.320 --> 00:19:48.960 does a lot of the
NOTE Confidence: 0.99256223

00:19:48.960 --> 00:19:50.240 screening of people before they're
NOTE Confidence: 0.99256223

00:19:50.240 --> 00:19:51.140 allowed to come.
NOTE Confidence: 0.9728454

00:19:53.119 --> 00:19:54.399 Some things I wanna highlight
NOTE Confidence: 0.9728454

00:19:54.399 --> 00:19:55.600 just from this one interview
NOTE Confidence: 0.9728454

00:19:55.600 --> 00:19:56.799 alone, you know, they have
NOTE Confidence: 0.9728454

00:19:56.799 --> 00:19:58.240 a structured health screening that
NOTE Confidence: 0.9728454

00:19:58.240 --> 00:19:58.960 they do, in this case
NOTE Confidence: 0.9728454

00:19:58.960 --> 00:20:00.404 with anyone who's who's coming

NOTE Confidence: 0.9728454

00:20:00.404 --> 00:20:01.144 to the church.

NOTE Confidence: 0.9805793

00:20:01.765 --> 00:20:03.205 This person was in, getting

NOTE Confidence: 0.9805793

00:20:03.205 --> 00:20:05.044 collateral from care providers outside

NOTE Confidence: 0.9805793

00:20:05.044 --> 00:20:06.325 of the church, and even

NOTE Confidence: 0.9805793

00:20:06.325 --> 00:20:07.605 collaborating with them. They invited

NOTE Confidence: 0.9805793

00:20:07.605 --> 00:20:09.205 the person's therapist to come.

NOTE Confidence: 0.9805793

00:20:09.205 --> 00:20:10.244 She emphasized that. I don't

NOTE Confidence: 0.9805793

00:20:10.244 --> 00:20:11.605 think that's always the case,

NOTE Confidence: 0.9805793

00:20:11.605 --> 00:20:12.580 but they did that in

NOTE Confidence: 0.9805793

00:20:12.580 --> 00:20:13.879 this sit in the situation.

NOTE Confidence: 0.94510514

00:20:14.340 --> 00:20:15.940 She's referring to established guidelines

NOTE Confidence: 0.94510514

00:20:15.940 --> 00:20:17.299 and contraindications that they have

NOTE Confidence: 0.94510514

00:20:17.299 --> 00:20:18.500 figured out that they follow

NOTE Confidence: 0.94510514

00:20:18.500 --> 00:20:19.240 for screening.

NOTE Confidence: 0.96395916

00:20:20.259 --> 00:20:21.299 And they even, you know,

NOTE Confidence: 0.96395916

00:20:21.299 --> 00:20:22.899 did consultation with other leaders

NOTE Confidence: 0.96395916

00:20:22.899 --> 00:20:24.659 before making an exemption to

NOTE Confidence: 0.96395916

00:20:24.659 --> 00:20:25.700 who they allowed to come,

NOTE Confidence: 0.96395916

00:20:25.700 --> 00:20:26.580 and then they followed up

NOTE Confidence: 0.96395916

00:20:26.580 --> 00:20:27.460 to see how the person

NOTE Confidence: 0.96395916

00:20:27.460 --> 00:20:27.915 was doing.

NOTE Confidence: 0.9031701

00:20:29.835 --> 00:20:30.734 Another quote,

NOTE Confidence: 0.5407566

00:20:33.755 --> 00:20:34.415 and dine

NOTE Confidence: 0.88535076

00:20:35.035 --> 00:20:36.915 here refers to this sacrament

NOTE Confidence: 0.88535076

00:20:36.915 --> 00:20:37.915 in this church, so from

NOTE Confidence: 0.88535076

00:20:37.915 --> 00:20:39.535 the Santa dine, Brazilian Ayahuasca

NOTE Confidence: 0.88535076

00:20:39.595 --> 00:20:40.095 Church.

NOTE Confidence: 0.982141

00:20:40.920 --> 00:20:42.280 So the quote is, what

NOTE Confidence: 0.982141

00:20:42.280 --> 00:20:43.320 I do is when I

NOTE Confidence: 0.982141

00:20:43.320 --> 00:20:45.000 drink Daimi, it's kind of

NOTE Confidence: 0.982141

00:20:45.000 --> 00:20:46.760 an act of faith, and

NOTE Confidence: 0.982141
00:20:46.760 --> 00:20:48.380 I always ask for protection.
NOTE Confidence: 0.982141
00:20:48.520 --> 00:20:49.720 It's really important that I
NOTE Confidence: 0.982141
00:20:49.720 --> 00:20:51.400 stay grounded in myself because
NOTE Confidence: 0.982141
00:20:51.400 --> 00:20:52.780 one of our Daimi teachers
NOTE Confidence: 0.982141
00:20:53.000 --> 00:20:54.040 said that if you're not
NOTE Confidence: 0.982141
00:20:54.040 --> 00:20:55.340 in your house, someone
NOTE Confidence: 0.99988276
00:20:55.774 --> 00:20:56.894 will be happy to step
NOTE Confidence: 0.99988276
00:20:56.894 --> 00:20:57.394 in.
NOTE Confidence: 0.9917832
00:20:58.255 --> 00:21:00.255 This church has a practice
NOTE Confidence: 0.9917832
00:21:00.255 --> 00:21:00.755 of,
NOTE Confidence: 0.90984493
00:21:02.335 --> 00:21:03.934 summoning spirits, and they do
NOTE Confidence: 0.90984493
00:21:03.934 --> 00:21:05.455 incorporation where it looks sort
NOTE Confidence: 0.90984493
00:21:05.455 --> 00:21:06.355 of like a,
NOTE Confidence: 0.89789414
00:21:07.215 --> 00:21:07.715 spiritist.
NOTE Confidence: 0.80197537
00:21:08.815 --> 00:21:09.215 They,
NOTE Confidence: 0.9588137

00:21:09.615 --> 00:21:10.690 they they start speaking in
NOTE Confidence: 0.9588137

00:21:10.690 --> 00:21:11.810 tongues, and they say that
NOTE Confidence: 0.9588137

00:21:11.810 --> 00:21:13.030 someone has taken them over.
NOTE Confidence: 0.9219487

00:21:14.530 --> 00:21:15.510 It goes on,
NOTE Confidence: 0.99698615

00:21:15.810 --> 00:21:17.170 and fear can intercede and
NOTE Confidence: 0.99698615

00:21:17.170 --> 00:21:18.530 interrupt that sometimes. So my
NOTE Confidence: 0.99698615

00:21:18.530 --> 00:21:19.410 goal each time is to
NOTE Confidence: 0.99698615

00:21:19.410 --> 00:21:20.550 cultivate the calm
NOTE Confidence: 0.9252655

00:21:21.090 --> 00:21:22.370 and the knowing that everything
NOTE Confidence: 0.9252655

00:21:22.370 --> 00:21:23.590 is fine and I'm protected,
NOTE Confidence: 0.97486573

00:21:24.255 --> 00:21:24.975 and I can call it
NOTE Confidence: 0.97486573

00:21:24.975 --> 00:21:26.835 in for for protection beings.
NOTE Confidence: 0.94242996

00:21:27.775 --> 00:21:28.975 I think one crutch of
NOTE Confidence: 0.94242996

00:21:28.975 --> 00:21:30.015 being a guardian and and
NOTE Confidence: 0.94242996

00:21:30.015 --> 00:21:31.215 often being the head guardian
NOTE Confidence: 0.94242996

00:21:31.215 --> 00:21:32.095 is that in Daimy, we

NOTE Confidence: 0.94242996
00:21:32.095 --> 00:21:33.395 believe that there's a guardian,
NOTE Confidence: 0.99822134
00:21:34.335 --> 00:21:35.535 that will that will kind
NOTE Confidence: 0.99822134
00:21:35.535 --> 00:21:36.195 of work.
NOTE Confidence: 0.9846178
00:21:36.510 --> 00:21:37.950 When we're the guardian, we
NOTE Confidence: 0.9846178
00:21:37.950 --> 00:21:39.150 call it in, and it
NOTE Confidence: 0.9846178
00:21:39.150 --> 00:21:39.650 helps
NOTE Confidence: 0.9873139
00:21:40.190 --> 00:21:41.950 us and protects us. So
NOTE Confidence: 0.9873139
00:21:41.950 --> 00:21:42.990 that's an easy go to
NOTE Confidence: 0.9873139
00:21:42.990 --> 00:21:44.510 for me to remember. And
NOTE Confidence: 0.9873139
00:21:44.510 --> 00:21:45.950 so when I'm being guardian,
NOTE Confidence: 0.9873139
00:21:45.950 --> 00:21:46.910 I can call a little
NOTE Confidence: 0.9873139
00:21:46.910 --> 00:21:47.730 bit of help.
NOTE Confidence: 0.9895977
00:21:48.030 --> 00:21:48.750 And I think it's a
NOTE Confidence: 0.9895977
00:21:48.750 --> 00:21:49.470 it's a little bit of
NOTE Confidence: 0.9895977
00:21:49.470 --> 00:21:50.690 a crutch that I volunteer
NOTE Confidence: 0.9895977

00:21:50.750 --> 00:21:52.405 to be guardian more. I
NOTE Confidence: 0.9895977

00:21:52.405 --> 00:21:53.605 can stay busy and not
NOTE Confidence: 0.9895977

00:21:53.605 --> 00:21:54.885 freak out ever if I'm
NOTE Confidence: 0.9895977

00:21:54.885 --> 00:21:56.105 starting to feel that.
NOTE Confidence: 0.9795679

00:21:58.005 --> 00:21:58.805 To break this down a
NOTE Confidence: 0.9795679

00:21:58.805 --> 00:22:00.165 little bit, guardianship is a
NOTE Confidence: 0.9795679

00:22:00.165 --> 00:22:02.105 particular concept in this church.
NOTE Confidence: 0.9795679

00:22:02.325 --> 00:22:04.005 People have get assigned a
NOTE Confidence: 0.9795679

00:22:04.005 --> 00:22:05.365 role during a large group
NOTE Confidence: 0.9795679

00:22:05.365 --> 00:22:07.290 ceremony. Certain people are guardians
NOTE Confidence: 0.9795679

00:22:07.290 --> 00:22:08.810 where they actually stand around
NOTE Confidence: 0.9795679

00:22:08.810 --> 00:22:09.930 the rest of the people,
NOTE Confidence: 0.9795679

00:22:09.930 --> 00:22:11.450 and they're there to protect
NOTE Confidence: 0.9795679

00:22:11.450 --> 00:22:13.550 them spiritually is the function.
NOTE Confidence: 0.9616148

00:22:14.490 --> 00:22:15.610 It really involves, like I
NOTE Confidence: 0.9616148

00:22:15.610 --> 00:22:16.490 said, it's an act of

NOTE Confidence: 0.9616148

00:22:16.490 --> 00:22:18.190 faith. They're praying for protected

NOTE Confidence: 0.9616148

00:22:18.250 --> 00:22:19.770 spirits. And what I found

NOTE Confidence: 0.9616148

00:22:19.770 --> 00:22:21.050 really interesting is here you

NOTE Confidence: 0.9616148

00:22:21.050 --> 00:22:22.270 have some of the people

NOTE Confidence: 0.91930395

00:22:22.785 --> 00:22:24.385 assisting in a ceremony. They

NOTE Confidence: 0.91930395

00:22:24.385 --> 00:22:25.984 are taking the Ayahuasca as

NOTE Confidence: 0.91930395

00:22:25.984 --> 00:22:27.105 well, but they're there to

NOTE Confidence: 0.91930395

00:22:27.105 --> 00:22:27.605 sort

NOTE Confidence: 0.9644076

00:22:28.225 --> 00:22:29.685 of guide and per and

NOTE Confidence: 0.9644076

00:22:29.984 --> 00:22:31.825 keep safe other people, and

NOTE Confidence: 0.9644076

00:22:31.825 --> 00:22:33.025 yet they freak out too

NOTE Confidence: 0.9644076

00:22:33.025 --> 00:22:34.625 sometimes. They're talking about how

NOTE Confidence: 0.9644076

00:22:34.625 --> 00:22:35.125 they

NOTE Confidence: 0.98881775

00:22:35.500 --> 00:22:36.539 even being in charge of

NOTE Confidence: 0.98881775

00:22:36.539 --> 00:22:38.220 others to prevent themselves from

NOTE Confidence: 0.98881775

00:22:38.220 --> 00:22:39.600 having a challenging experience,
NOTE Confidence: 0.99558157

00:22:39.980 --> 00:22:41.119 will call in
NOTE Confidence: 0.9985126

00:22:41.900 --> 00:22:43.020 a spirit to help them
NOTE Confidence: 0.9985126

00:22:43.020 --> 00:22:43.760 stay calm.
NOTE Confidence: 0.9870772

00:22:47.179 --> 00:22:48.059 So a bit of a
NOTE Confidence: 0.9870772

00:22:48.059 --> 00:22:49.419 summary from what we're seeing
NOTE Confidence: 0.9870772

00:22:49.419 --> 00:22:49.919 here.
NOTE Confidence: 0.96717125

00:22:51.365 --> 00:22:52.645 We are having some discussions
NOTE Confidence: 0.96717125

00:22:52.645 --> 00:22:54.085 of serious adverse events that
NOTE Confidence: 0.96717125

00:22:54.085 --> 00:22:55.365 happen in these communities. Again,
NOTE Confidence: 0.96717125

00:22:55.365 --> 00:22:56.405 this is all qualitative as
NOTE Confidence: 0.96717125

00:22:56.405 --> 00:22:57.125 we're not trying to come
NOTE Confidence: 0.96717125

00:22:57.125 --> 00:22:57.945 up with prevalence,
NOTE Confidence: 0.9812348

00:22:59.205 --> 00:23:00.565 but they do basically say
NOTE Confidence: 0.9812348

00:23:00.565 --> 00:23:01.525 that these are very rare
NOTE Confidence: 0.9812348

00:23:01.525 --> 00:23:02.825 if they happen at all.

NOTE Confidence: 0.9812348

00:23:02.885 --> 00:23:04.005 They do acknowledge that they

NOTE Confidence: 0.9812348

00:23:04.005 --> 00:23:04.680 certainly can

NOTE Confidence: 0.9903374

00:23:05.160 --> 00:23:06.600 occur. And what's really interesting

NOTE Confidence: 0.9903374

00:23:06.600 --> 00:23:07.340 is hearing

NOTE Confidence: 0.964716

00:23:08.280 --> 00:23:09.560 church leaders talk about how

NOTE Confidence: 0.964716

00:23:09.560 --> 00:23:11.000 they're concerned about safety issues

NOTE Confidence: 0.964716

00:23:11.000 --> 00:23:12.040 in the medical setting and

NOTE Confidence: 0.964716

00:23:12.040 --> 00:23:13.400 the state regulated settings like

NOTE Confidence: 0.964716

00:23:13.400 --> 00:23:14.460 Colorado and Oregon.

NOTE Confidence: 0.98305684

00:23:14.920 --> 00:23:16.360 They talk about concerns of

NOTE Confidence: 0.98305684

00:23:16.360 --> 00:23:17.560 the people who are providing

NOTE Confidence: 0.98305684

00:23:17.560 --> 00:23:19.105 psychedelics, including in our clinical

NOTE Confidence: 0.98305684

00:23:19.105 --> 00:23:20.725 trials, don't have the experience

NOTE Confidence: 0.98831844

00:23:21.025 --> 00:23:22.484 requisite to do that safely,

NOTE Confidence: 0.9995707

00:23:22.785 --> 00:23:24.065 and we're doing it without

NOTE Confidence: 0.9995707

00:23:24.065 --> 00:23:25.665 spiritual safety practices that are
NOTE Confidence: 0.9995707

00:23:25.665 --> 00:23:26.965 important for them.
NOTE Confidence: 0.9296698

00:23:27.984 --> 00:23:29.505 We're hearing sort of or
NOTE Confidence: 0.9296698

00:23:29.505 --> 00:23:31.505 sort of local perspectives on
NOTE Confidence: 0.9296698

00:23:31.505 --> 00:23:32.325 on risk.
NOTE Confidence: 0.9870534

00:23:33.179 --> 00:23:35.119 Spiritual protection is a reality
NOTE Confidence: 0.9870534

00:23:35.419 --> 00:23:37.100 that is spoken very clearly
NOTE Confidence: 0.9870534

00:23:37.100 --> 00:23:38.220 about many from many of
NOTE Confidence: 0.9870534

00:23:38.220 --> 00:23:38.960 our respondents.
NOTE Confidence: 0.9843576

00:23:39.820 --> 00:23:40.859 The idea of having, like,
NOTE Confidence: 0.9843576

00:23:40.859 --> 00:23:43.100 harm harm reduction discussions doesn't
NOTE Confidence: 0.9843576

00:23:43.100 --> 00:23:43.899 make sense to a lot
NOTE Confidence: 0.9843576

00:23:43.899 --> 00:23:44.940 of people. They say there's
NOTE Confidence: 0.9843576

00:23:44.940 --> 00:23:46.379 not harm here. This doesn't
NOTE Confidence: 0.9843576

00:23:46.379 --> 00:23:47.119 harm you.
NOTE Confidence: 0.9857363

00:23:48.394 --> 00:23:50.234 There's some interesting techniques we're

NOTE Confidence: 0.9857363

00:23:50.234 --> 00:23:52.234 learning about. One experienced leader

NOTE Confidence: 0.9857363

00:23:52.234 --> 00:23:53.195 who said that when someone's

NOTE Confidence: 0.9857363

00:23:53.195 --> 00:23:54.654 really having a hard time,

NOTE Confidence: 0.9857363

00:23:54.715 --> 00:23:56.234 you actually give them more

NOTE Confidence: 0.9857363

00:23:56.234 --> 00:23:57.434 of the substance because that

NOTE Confidence: 0.9857363

00:23:57.434 --> 00:23:58.875 gives them spiritual strength so

NOTE Confidence: 0.9857363

00:23:58.875 --> 00:23:59.754 that they can sit up

NOTE Confidence: 0.9857363

00:23:59.754 --> 00:24:00.654 in their chair.

NOTE Confidence: 0.98966926

00:24:01.100 --> 00:24:01.980 And I've heard other people

NOTE Confidence: 0.98966926

00:24:01.980 --> 00:24:03.660 talk about this in ceremonial

NOTE Confidence: 0.98966926

00:24:03.660 --> 00:24:04.160 settings.

NOTE Confidence: 0.98723155

00:24:04.940 --> 00:24:06.060 And then we're finding other

NOTE Confidence: 0.98723155

00:24:06.060 --> 00:24:07.180 sort of interesting themes that

NOTE Confidence: 0.98723155

00:24:07.180 --> 00:24:09.020 actually doctor, Neon is following

NOTE Confidence: 0.98723155

00:24:09.020 --> 00:24:10.220 up now about the role

NOTE Confidence: 0.98723155

00:24:10.220 --> 00:24:11.820 of using sacraments while people
NOTE Confidence: 0.98723155

00:24:11.820 --> 00:24:12.940 are pregnant and how that's
NOTE Confidence: 0.98723155

00:24:12.940 --> 00:24:14.240 talked about in these communities.
NOTE Confidence: 0.97691834

00:24:19.835 --> 00:24:21.595 That's the church part. I'm
NOTE Confidence: 0.97691834

00:24:21.595 --> 00:24:22.875 gonna keep going unless anyone
NOTE Confidence: 0.97691834

00:24:22.875 --> 00:24:24.095 stops me with questions.
NOTE Confidence: 0.9974266

00:24:24.794 --> 00:24:25.294 Okay.
NOTE Confidence: 0.9762074

00:24:26.075 --> 00:24:28.075 Next question that I have
NOTE Confidence: 0.9762074

00:24:28.075 --> 00:24:29.774 that I'm thinking through is,
NOTE Confidence: 0.99935555

00:24:31.010 --> 00:24:32.610 moving away from more established
NOTE Confidence: 0.99935555

00:24:32.610 --> 00:24:33.110 religious
NOTE Confidence: 0.9985858

00:24:33.970 --> 00:24:35.110 communities to
NOTE Confidence: 0.9556781

00:24:35.570 --> 00:24:36.530 kinda getting at your question,
NOTE Confidence: 0.9556781

00:24:36.530 --> 00:24:37.730 Manuel. What about people who
NOTE Confidence: 0.9556781

00:24:37.730 --> 00:24:38.770 are using this for kind
NOTE Confidence: 0.9556781

00:24:38.770 --> 00:24:41.090 of therapeutic healing reason, reasons?

NOTE Confidence: 0.9556781
00:24:41.090 --> 00:24:42.050 What does that look like
NOTE Confidence: 0.9556781
00:24:42.050 --> 00:24:43.030 in different settings?
NOTE Confidence: 0.9724321
00:24:43.330 --> 00:24:44.690 So we've really focused in
NOTE Confidence: 0.9724321
00:24:44.690 --> 00:24:46.525 on a particular context, and
NOTE Confidence: 0.9724321
00:24:46.525 --> 00:24:48.125 we wanna we're asking what
NOTE Confidence: 0.9724321
00:24:48.125 --> 00:24:49.484 can we learn about mutual
NOTE Confidence: 0.9724321
00:24:49.484 --> 00:24:51.325 aid communities where people are
NOTE Confidence: 0.9724321
00:24:51.325 --> 00:24:51.565 seeking,
NOTE Confidence: 0.9899559
00:24:53.405 --> 00:24:55.744 help with addictions through combining
NOTE Confidence: 0.9899559
00:24:55.805 --> 00:24:57.885 twelve step fellowship work with
NOTE Confidence: 0.9899559
00:24:57.885 --> 00:24:59.425 intentional psychedelic abuse.
NOTE Confidence: 0.95802164
00:25:01.019 --> 00:25:02.059 Many people would say, wait.
NOTE Confidence: 0.95802164
00:25:02.059 --> 00:25:03.100 You can't do that. That's
NOTE Confidence: 0.95802164
00:25:03.100 --> 00:25:04.460 sort of against the rules.
NOTE Confidence: 0.95802164
00:25:04.700 --> 00:25:05.740 But there's a a whole
NOTE Confidence: 0.95802164

00:25:05.740 --> 00:25:07.200 thriving sort of growing
NOTE Confidence: 0.9846136

00:25:07.820 --> 00:25:09.659 subcommunity of twelve steppers that
NOTE Confidence: 0.9846136

00:25:09.659 --> 00:25:10.940 are engaging in this practice,
NOTE Confidence: 0.9846136

00:25:10.940 --> 00:25:12.059 and we partnered with them
NOTE Confidence: 0.9846136

00:25:12.059 --> 00:25:14.380 to evaluate that and learn
NOTE Confidence: 0.9846136

00:25:14.380 --> 00:25:14.865 about it.
NOTE Confidence: 0.9917485

00:25:15.825 --> 00:25:17.025 So this work is led
NOTE Confidence: 0.9917485

00:25:17.025 --> 00:25:17.925 by, doctor,
NOTE Confidence: 0.931941

00:25:18.304 --> 00:25:19.825 Nikki Mitani, who's an addictions
NOTE Confidence: 0.931941

00:25:19.825 --> 00:25:21.505 and HIV specialist in our
NOTE Confidence: 0.931941

00:25:21.505 --> 00:25:22.405 group at UCSF,
NOTE Confidence: 0.9260615

00:25:22.945 --> 00:25:24.065 also was a NIDA t
NOTE Confidence: 0.9260615

00:25:24.065 --> 00:25:25.025 thirty two post doc and
NOTE Confidence: 0.9260615

00:25:25.025 --> 00:25:26.325 recently joined the faculty.
NOTE Confidence: 0.98018426

00:25:27.359 --> 00:25:28.320 One of the aims is
NOTE Confidence: 0.98018426

00:25:28.320 --> 00:25:29.940 to understand just the motivations,

NOTE Confidence: 0.9803675
00:25:30.240 --> 00:25:31.840 benefits, harms that can be,
NOTE Confidence: 0.9803675
00:25:32.160 --> 00:25:33.920 found in this practice, specifically
NOTE Confidence: 0.9803675
00:25:33.920 --> 00:25:34.559 of people who are at
NOTE Confidence: 0.9803675
00:25:34.559 --> 00:25:36.080 least using Ayahuasca, if not
NOTE Confidence: 0.9803675
00:25:36.080 --> 00:25:37.760 other psychedelics, and combining that
NOTE Confidence: 0.9803675
00:25:37.760 --> 00:25:39.059 with twelve step work.
NOTE Confidence: 0.9739043
00:25:39.679 --> 00:25:41.295 This involves surveys and semi
NOTE Confidence: 0.9739043
00:25:41.455 --> 00:25:42.275 structured interviews,
NOTE Confidence: 0.86952174
00:25:42.575 --> 00:25:44.494 which actually doctor Egan Lebas
NOTE Confidence: 0.86952174
00:25:44.494 --> 00:25:45.855 has been helping us in,
NOTE Confidence: 0.86952174
00:25:46.015 --> 00:25:46.515 analyzing.
NOTE Confidence: 0.9425147
00:25:48.255 --> 00:25:49.215 Everyone has to have an,
NOTE Confidence: 0.9425147
00:25:49.455 --> 00:25:50.975 history of either alcohol use
NOTE Confidence: 0.9425147
00:25:50.975 --> 00:25:52.335 disorder, opioid use disorder, or
NOTE Confidence: 0.9425147
00:25:52.335 --> 00:25:54.490 stimulant use disorder, often combinations.
NOTE Confidence: 0.9976894

00:25:55.510 --> 00:25:56.869 And they self report that
NOTE Confidence: 0.9976894

00:25:56.869 --> 00:25:58.390 they did not receive benefit
NOTE Confidence: 0.9976894

00:25:58.390 --> 00:26:00.410 from conventional treatments for addictions,
NOTE Confidence: 0.99800134

00:26:00.869 --> 00:26:01.830 but they have been engaged
NOTE Confidence: 0.99800134

00:26:01.830 --> 00:26:02.730 in these communities.
NOTE Confidence: 0.9876953

00:26:03.190 --> 00:26:04.710 Like the prior protocol, this
NOTE Confidence: 0.9876953

00:26:04.710 --> 00:26:06.710 also involves partnering with community
NOTE Confidence: 0.9876953

00:26:06.710 --> 00:26:07.910 members. So we have,
NOTE Confidence: 0.99353135

00:26:08.515 --> 00:26:09.794 teamed up with three men
NOTE Confidence: 0.99353135

00:26:09.794 --> 00:26:11.315 who combined have decades of
NOTE Confidence: 0.99353135

00:26:11.315 --> 00:26:13.395 experience of combining twelve steps
NOTE Confidence: 0.99353135

00:26:13.395 --> 00:26:14.595 with psychedelics for their own
NOTE Confidence: 0.99353135

00:26:14.595 --> 00:26:16.054 use and for helping others
NOTE Confidence: 0.99353135

00:26:16.275 --> 00:26:17.415 spread around the country.
NOTE Confidence: 0.9951794

00:26:20.830 --> 00:26:21.710 And one part of this
NOTE Confidence: 0.9951794

00:26:21.710 --> 00:26:23.230 is, we wanna sort of

NOTE Confidence: 0.9951794
00:26:23.230 --> 00:26:23.730 understand
NOTE Confidence: 0.9402575
00:26:25.230 --> 00:26:26.270 how how these are being
NOTE Confidence: 0.9402575
00:26:26.270 --> 00:26:27.150 combined. What does that look
NOTE Confidence: 0.9402575
00:26:27.150 --> 00:26:27.869 like? What is sort of
NOTE Confidence: 0.9402575
00:26:27.869 --> 00:26:29.230 like the logistics and and
NOTE Confidence: 0.9402575
00:26:29.230 --> 00:26:30.990 operations of that from our
NOTE Confidence: 0.9402575
00:26:30.990 --> 00:26:31.490 interviews?
NOTE Confidence: 0.95245767
00:26:32.030 --> 00:26:33.310 Again, also with some delays
NOTE Confidence: 0.95245767
00:26:33.310 --> 00:26:34.670 from the paperwork reduction act,
NOTE Confidence: 0.95245767
00:26:34.670 --> 00:26:35.950 we've been piloting this so
NOTE Confidence: 0.95245767
00:26:35.950 --> 00:26:36.450 far.
NOTE Confidence: 0.9800863
00:26:37.125 --> 00:26:38.805 We've spoken to seven individuals
NOTE Confidence: 0.9800863
00:26:38.805 --> 00:26:39.945 engaged in this practice.
NOTE Confidence: 0.95998996
00:26:40.805 --> 00:26:42.244 We couldn't interview one person
NOTE Confidence: 0.95998996
00:26:42.244 --> 00:26:43.605 who was who we wanted
NOTE Confidence: 0.95998996

00:26:43.605 --> 00:26:44.885 to because they had actually
NOTE Confidence: 0.95998996

00:26:44.885 --> 00:26:46.744 died after when relapsing,
NOTE Confidence: 0.9749079

00:26:47.285 --> 00:26:48.165 at one point, but we
NOTE Confidence: 0.9749079

00:26:48.165 --> 00:26:49.125 were able to speak with
NOTE Confidence: 0.9749079

00:26:49.125 --> 00:26:50.244 a family member who kind
NOTE Confidence: 0.9749079

00:26:50.244 --> 00:26:51.230 of told us about this
NOTE Confidence: 0.9749079

00:26:51.230 --> 00:26:52.910 person's course. And then a
NOTE Confidence: 0.9749079

00:26:52.910 --> 00:26:54.110 family member of a living
NOTE Confidence: 0.9749079

00:26:54.110 --> 00:26:55.150 respondent, we sort of got
NOTE Confidence: 0.9749079

00:26:55.150 --> 00:26:56.610 some triangulation of data.
NOTE Confidence: 0.9633809

00:26:58.750 --> 00:26:59.950 Brief summary. Most of our
NOTE Confidence: 0.9633809

00:26:59.950 --> 00:27:00.450 participants,
NOTE Confidence: 0.9527898

00:27:00.910 --> 00:27:01.410 were,
NOTE Confidence: 0.8792206

00:27:02.270 --> 00:27:03.490 white men,
NOTE Confidence: 0.9702314

00:27:03.835 --> 00:27:05.595 or non Hispanic. Many of
NOTE Confidence: 0.9702314

00:27:05.595 --> 00:27:06.415 them reported,

NOTE Confidence: 0.9942333
00:27:07.915 --> 00:27:10.015 reported histories of depression, anxiety,
NOTE Confidence: 0.9942333
00:27:10.075 --> 00:27:10.575 PTSD,
NOTE Confidence: 0.9477292
00:27:11.515 --> 00:27:13.435 and a high rate, on
NOTE Confidence: 0.9477292
00:27:13.435 --> 00:27:13.935 ACEs
NOTE Confidence: 0.8126383
00:27:14.715 --> 00:27:16.175 adverse childhood experiences.
NOTE Confidence: 0.95813096
00:27:17.340 --> 00:27:18.700 This bar graph tells us
NOTE Confidence: 0.95813096
00:27:18.700 --> 00:27:19.820 a little bit about when
NOTE Confidence: 0.95813096
00:27:19.820 --> 00:27:21.340 we ask them now looking
NOTE Confidence: 0.95813096
00:27:21.340 --> 00:27:22.720 back over their life using,
NOTE Confidence: 0.9723159
00:27:23.179 --> 00:27:25.919 SCID, five criteria, what conditions
NOTE Confidence: 0.9723159
00:27:26.059 --> 00:27:28.080 did you qualify for previously?
NOTE Confidence: 0.9827324
00:27:29.100 --> 00:27:30.059 I don't know. Let's focus
NOTE Confidence: 0.9827324
00:27:30.059 --> 00:27:31.100 on alcohol on the left
NOTE Confidence: 0.9827324
00:27:31.100 --> 00:27:32.140 just to kinda break this
NOTE Confidence: 0.9827324
00:27:32.140 --> 00:27:33.255 down. So,
NOTE Confidence: 0.99356484

00:27:33.895 --> 00:27:34.135 of the,
NOTE Confidence: 0.9992834

00:27:36.295 --> 00:27:37.195 of our participants,
NOTE Confidence: 0.9810294

00:27:37.895 --> 00:27:39.575 people had a history of,
NOTE Confidence: 0.9810294

00:27:39.975 --> 00:27:41.275 alcohol use disorder,
NOTE Confidence: 0.97612417

00:27:42.375 --> 00:27:43.655 all of them. And when
NOTE Confidence: 0.97612417

00:27:43.655 --> 00:27:44.855 we asked them about which
NOTE Confidence: 0.97612417

00:27:44.855 --> 00:27:46.295 of the criteria did you
NOTE Confidence: 0.97612417

00:27:46.295 --> 00:27:48.200 meet, the max is eleven.
NOTE Confidence: 0.97612417

00:27:48.200 --> 00:27:49.480 So, actually, the average was
NOTE Confidence: 0.97612417

00:27:49.480 --> 00:27:50.440 that all of them met
NOTE Confidence: 0.97612417

00:27:50.440 --> 00:27:52.119 eleven criteria, had a a
NOTE Confidence: 0.97612417

00:27:52.119 --> 00:27:54.220 full score, and the average
NOTE Confidence: 0.97612417

00:27:54.440 --> 00:27:56.119 duration of alcohol use disorder
NOTE Confidence: 0.97612417

00:27:56.119 --> 00:27:57.320 of the people who responded,
NOTE Confidence: 0.97612417

00:27:57.320 --> 00:27:59.500 yes, was almost thirteen years.
NOTE Confidence: 0.97612417

00:27:59.744 --> 00:28:00.705 And so you see that

NOTE Confidence: 0.97612417
00:28:00.705 --> 00:28:01.905 we're positive for a number
NOTE Confidence: 0.97612417
00:28:01.905 --> 00:28:03.665 of different substance use disorders
NOTE Confidence: 0.97612417
00:28:03.665 --> 00:28:05.605 in the small pilot sample.
NOTE Confidence: 0.988595
00:28:08.785 --> 00:28:10.145 The number of and types
NOTE Confidence: 0.988595
00:28:10.145 --> 00:28:11.265 of different twelve step groups
NOTE Confidence: 0.988595
00:28:11.265 --> 00:28:12.465 that people are going to,
NOTE Confidence: 0.988595
00:28:12.465 --> 00:28:13.505 the most common is actually
NOTE Confidence: 0.988595
00:28:13.505 --> 00:28:14.484 Alcoholics Anonymous.
NOTE Confidence: 0.9450068
00:28:15.119 --> 00:28:16.240 There is the sub branch
NOTE Confidence: 0.9450068
00:28:16.240 --> 00:28:17.600 that is referred to psychedelics
NOTE Confidence: 0.9450068
00:28:17.600 --> 00:28:19.280 and recovery or psychedelic recovery
NOTE Confidence: 0.9450068
00:28:19.280 --> 00:28:20.720 where people also are attending
NOTE Confidence: 0.9450068
00:28:20.720 --> 00:28:22.000 meetings, but a number of
NOTE Confidence: 0.9450068
00:28:22.000 --> 00:28:23.040 them are going to AA
NOTE Confidence: 0.9450068
00:28:23.040 --> 00:28:24.240 meetings. And as we're finding
NOTE Confidence: 0.9450068

00:28:24.240 --> 00:28:25.440 out, just not talking about
NOTE Confidence: 0.9450068

00:28:25.440 --> 00:28:26.740 their psychedelic use.
NOTE Confidence: 0.93143505

00:28:29.455 --> 00:28:31.054 We got some qualitative data
NOTE Confidence: 0.93143505

00:28:31.054 --> 00:28:32.835 on, also, one, harms,
NOTE Confidence: 0.9842689

00:28:33.294 --> 00:28:35.054 from engaging these practices. One
NOTE Confidence: 0.9842689

00:28:35.054 --> 00:28:36.034 of our experienced,
NOTE Confidence: 0.9881253

00:28:36.654 --> 00:28:37.794 members said that,
NOTE Confidence: 0.9689863

00:28:38.255 --> 00:28:40.355 once he was learning to
NOTE Confidence: 0.9689863

00:28:40.414 --> 00:28:41.615 brew on his own, meaning
NOTE Confidence: 0.9689863

00:28:41.615 --> 00:28:42.894 he was cooking Ayahuasca in
NOTE Confidence: 0.9689863

00:28:42.894 --> 00:28:43.875 his mom's kitchen,
NOTE Confidence: 0.9849719

00:28:44.990 --> 00:28:47.390 and he accidentally overdosed, with
NOTE Confidence: 0.9849719

00:28:47.390 --> 00:28:48.530 it on an occasion.
NOTE Confidence: 0.9918614

00:28:49.070 --> 00:28:49.870 He said it was really,
NOTE Confidence: 0.9918614

00:28:49.870 --> 00:28:50.770 really hairy.
NOTE Confidence: 0.99537516

00:28:51.310 --> 00:28:52.670 I felt the acceleration of

NOTE Confidence: 0.99537516
00:28:52.670 --> 00:28:54.110 the experience until I started
NOTE Confidence: 0.99537516
00:28:54.110 --> 00:28:55.390 getting scared because it was
NOTE Confidence: 0.99537516
00:28:55.390 --> 00:28:56.130 so powerful.
NOTE Confidence: 0.9629748
00:28:57.835 --> 00:28:58.955 It was about three hours
NOTE Confidence: 0.9629748
00:28:58.955 --> 00:29:00.875 later. Basically, you know, I
NOTE Confidence: 0.9629748
00:29:00.875 --> 00:29:02.235 checked out. My mom came
NOTE Confidence: 0.9629748
00:29:02.235 --> 00:29:03.515 home. I was talking to
NOTE Confidence: 0.9629748
00:29:03.515 --> 00:29:04.795 myself like some kind of
NOTE Confidence: 0.9629748
00:29:04.795 --> 00:29:05.295 psychotic
NOTE Confidence: 0.98127544
00:29:05.595 --> 00:29:06.095 state.
NOTE Confidence: 0.9875078
00:29:06.475 --> 00:29:08.315 So this is, you know,
NOTE Confidence: 0.9875078
00:29:08.315 --> 00:29:10.075 very DIY, and people will
NOTE Confidence: 0.9875078
00:29:10.075 --> 00:29:11.055 make mistakes
NOTE Confidence: 0.9989799
00:29:11.675 --> 00:29:12.415 at times.
NOTE Confidence: 0.9098239
00:29:13.490 --> 00:29:15.270 When we ask them, quantitatively
NOTE Confidence: 0.9849242

00:29:15.650 --> 00:29:17.570 about, you know, acute effects
NOTE Confidence: 0.9849242

00:29:17.570 --> 00:29:18.530 that they've had, a number
NOTE Confidence: 0.9849242

00:29:18.530 --> 00:29:19.730 of them, again, out of
NOTE Confidence: 0.9849242

00:29:19.730 --> 00:29:19.970 the,
NOTE Confidence: 0.95067483

00:29:20.610 --> 00:29:21.810 seven we are able to
NOTE Confidence: 0.95067483

00:29:21.810 --> 00:29:24.050 interview, reported having pain and
NOTE Confidence: 0.95067483

00:29:24.050 --> 00:29:25.670 discomfort during the experience,
NOTE Confidence: 0.93208253

00:29:25.970 --> 00:29:28.370 revisiting traumatic memories with almost
NOTE Confidence: 0.93208253

00:29:28.370 --> 00:29:29.110 all of them,
NOTE Confidence: 0.9530113

00:29:29.705 --> 00:29:31.325 having some distress, paranoia.
NOTE Confidence: 0.98138165

00:29:32.185 --> 00:29:33.385 And this one quote is
NOTE Confidence: 0.98138165

00:29:33.385 --> 00:29:34.125 kind of indicative.
NOTE Confidence: 0.954451

00:29:35.465 --> 00:29:36.665 It kicked my ass in
NOTE Confidence: 0.954451

00:29:36.665 --> 00:29:38.425 the perfect way. So, yeah,
NOTE Confidence: 0.954451

00:29:38.425 --> 00:29:38.925 Ibogaine,
NOTE Confidence: 0.7127765

00:29:39.385 --> 00:29:39.885 which

NOTE Confidence: 0.94958353
00:29:40.345 --> 00:29:41.625 is a psychedelic used to,
NOTE Confidence: 0.94958353
00:29:42.025 --> 00:29:44.825 interrupt opioid addictions sometimes in
NOTE Confidence: 0.94958353
00:29:45.090 --> 00:29:46.690 not with FDA approval, but
NOTE Confidence: 0.94958353
00:29:46.690 --> 00:29:47.429 used anyway.
NOTE Confidence: 0.86708766
00:29:47.970 --> 00:29:49.809 Ibogaine got dark. Got really
NOTE Confidence: 0.86708766
00:29:49.809 --> 00:29:50.309 dark,
NOTE Confidence: 0.99472547
00:29:51.169 --> 00:29:52.929 but it was me in
NOTE Confidence: 0.99472547
00:29:52.929 --> 00:29:54.370 my own darkness, and it
NOTE Confidence: 0.99472547
00:29:54.370 --> 00:29:55.110 was perfect.
NOTE Confidence: 0.99909014
00:29:55.570 --> 00:29:56.789 It terrified me.
NOTE Confidence: 0.9830516
00:29:57.645 --> 00:29:58.605 We asked, well, did you
NOTE Confidence: 0.9830516
00:29:58.605 --> 00:29:59.565 find that helpful? And they
NOTE Confidence: 0.9830516
00:29:59.565 --> 00:30:01.185 said, one hundred percent yes.
NOTE Confidence: 0.96148765
00:30:02.285 --> 00:30:04.385 So helpful, but also sometimes,
NOTE Confidence: 0.9994508
00:30:04.845 --> 00:30:05.905 distressing experiences.
NOTE Confidence: 0.95163894

00:30:07.085 --> 00:30:08.045 And one thing I found
NOTE Confidence: 0.95163894

00:30:08.045 --> 00:30:09.325 really helpful in looking at
NOTE Confidence: 0.95163894

00:30:09.325 --> 00:30:10.045 some of these data is
NOTE Confidence: 0.95163894

00:30:10.045 --> 00:30:10.945 we asked people,
NOTE Confidence: 0.8964838

00:30:11.405 --> 00:30:11.965 how did,
NOTE Confidence: 0.9463715

00:30:12.769 --> 00:30:14.289 engaging in this practice combining
NOTE Confidence: 0.9463715

00:30:14.289 --> 00:30:15.429 twelve steps with psychedelics,
NOTE Confidence: 0.95698595

00:30:16.129 --> 00:30:17.330 how did that support your
NOTE Confidence: 0.95698595

00:30:17.330 --> 00:30:18.690 step work? And we broke
NOTE Confidence: 0.95698595

00:30:18.690 --> 00:30:19.649 it down by steps, and
NOTE Confidence: 0.95698595

00:30:19.649 --> 00:30:20.450 they had lots of things
NOTE Confidence: 0.95698595

00:30:20.450 --> 00:30:21.250 to tell us about the
NOTE Confidence: 0.95698595

00:30:21.250 --> 00:30:23.169 different types of of work
NOTE Confidence: 0.95698595

00:30:23.169 --> 00:30:23.970 they were doing. We
NOTE Confidence: 0.94524115

00:30:24.929 --> 00:30:26.450 so the light blue bars
NOTE Confidence: 0.94524115

00:30:26.450 --> 00:30:27.665 that are at the top

NOTE Confidence: 0.905402
00:30:28.125 --> 00:30:28.525 show,
NOTE Confidence: 0.9841556
00:30:29.725 --> 00:30:30.685 people who said that they
NOTE Confidence: 0.9841556
00:30:30.685 --> 00:30:31.885 wouldn't have been able to
NOTE Confidence: 0.9841556
00:30:31.885 --> 00:30:33.165 do that step at all
NOTE Confidence: 0.9841556
00:30:33.165 --> 00:30:34.205 had they not been doing
NOTE Confidence: 0.9841556
00:30:34.205 --> 00:30:35.645 this combination. And, again, a
NOTE Confidence: 0.9841556
00:30:35.645 --> 00:30:36.525 number of these people had
NOTE Confidence: 0.9841556
00:30:36.525 --> 00:30:37.805 been had been trying twelve
NOTE Confidence: 0.9841556
00:30:37.805 --> 00:30:39.885 steps, sometimes repeatedly, before they
NOTE Confidence: 0.9841556
00:30:39.885 --> 00:30:41.345 actually combined it with psychedelics.
NOTE Confidence: 0.9599643
00:30:42.110 --> 00:30:42.670 So we had a few
NOTE Confidence: 0.9599643
00:30:42.670 --> 00:30:43.630 people said they couldn't even
NOTE Confidence: 0.9599643
00:30:43.630 --> 00:30:44.370 get started,
NOTE Confidence: 0.94411045
00:30:45.150 --> 00:30:46.190 and they never would have
NOTE Confidence: 0.94411045
00:30:46.190 --> 00:30:47.070 been able to do step
NOTE Confidence: 0.94411045

00:30:47.070 --> 00:30:48.450 two and step three. So
NOTE Confidence: 0.5952837

00:30:49.070 --> 00:30:49.570 it
NOTE Confidence: 0.8892224

00:30:49.950 --> 00:30:51.790 oh, sorry. So this is
NOTE Confidence: 0.8892224

00:30:51.790 --> 00:30:53.790 dosing before each step, or
NOTE Confidence: 0.8892224

00:30:53.790 --> 00:30:54.045 it's,
NOTE Confidence: 0.88824415

00:30:54.605 --> 00:30:55.805 so how the use is
NOTE Confidence: 0.88824415

00:30:55.805 --> 00:30:57.665 being So when when people,
NOTE Confidence: 0.9968779

00:30:59.005 --> 00:31:00.465 are are you familiar
NOTE Confidence: 0.989453

00:31:01.005 --> 00:31:02.145 with the twelve step?
NOTE Confidence: 0.9189722

00:31:02.605 --> 00:31:04.125 No. The twelve step. Yeah.
NOTE Confidence: 0.9189722

00:31:04.125 --> 00:31:05.325 Yeah. I mean, so people
NOTE Confidence: 0.9189722

00:31:05.405 --> 00:31:05.905 the
NOTE Confidence: 0.999853

00:31:06.289 --> 00:31:06.789 the
NOTE Confidence: 0.9953657

00:31:07.169 --> 00:31:08.610 order and the length of
NOTE Confidence: 0.9953657

00:31:08.610 --> 00:31:09.890 time that people do their
NOTE Confidence: 0.9953657

00:31:09.890 --> 00:31:10.850 steps varies.

NOTE Confidence: 0.96497303

00:31:12.690 --> 00:31:13.970 What this is asking about

NOTE Confidence: 0.96497303

00:31:13.970 --> 00:31:14.929 is not like, okay. You

NOTE Confidence: 0.96497303

00:31:14.929 --> 00:31:15.970 go to a ceremony and

NOTE Confidence: 0.96497303

00:31:15.970 --> 00:31:16.929 then you do step three.

NOTE Confidence: 0.96497303

00:31:16.929 --> 00:31:17.970 You go to a ceremony

NOTE Confidence: 0.96497303

00:31:17.970 --> 00:31:18.929 and then you do step

NOTE Confidence: 0.96497303

00:31:18.929 --> 00:31:20.149 four. They were

NOTE Confidence: 0.9898281

00:31:20.475 --> 00:31:22.235 engaged in these communities. Their

NOTE Confidence: 0.9898281

00:31:22.235 --> 00:31:23.674 sponsors are engaged with them

NOTE Confidence: 0.9898281

00:31:23.674 --> 00:31:24.475 with this work. They were

NOTE Confidence: 0.9898281

00:31:24.475 --> 00:31:25.375 doing this longitudinally,

NOTE Confidence: 0.9959795

00:31:25.995 --> 00:31:27.115 and they were doing the

NOTE Confidence: 0.9959795

00:31:27.115 --> 00:31:28.075 steps kind of at their

NOTE Confidence: 0.9959795

00:31:28.075 --> 00:31:28.655 own pace.

NOTE Confidence: 0.9631328

00:31:29.195 --> 00:31:30.395 But, you know, from people

NOTE Confidence: 0.9631328

00:31:30.395 --> 00:31:31.595 I've worked with as a
NOTE Confidence: 0.9631328

00:31:31.595 --> 00:31:32.635 psychiatrist to say, like, I
NOTE Confidence: 0.9631328

00:31:32.635 --> 00:31:33.595 could just never get past
NOTE Confidence: 0.9631328

00:31:33.595 --> 00:31:34.860 step three. Like, I tried
NOTE Confidence: 0.9631328

00:31:34.860 --> 00:31:35.900 it, and I just couldn't
NOTE Confidence: 0.9631328

00:31:35.900 --> 00:31:37.360 I couldn't do that work.
NOTE Confidence: 0.9631328

00:31:37.420 --> 00:31:38.700 Yeah. But in terms of
NOTE Confidence: 0.9631328

00:31:38.700 --> 00:31:39.920 timing, so Yeah.
NOTE Confidence: 0.5504265

00:31:41.020 --> 00:31:42.800 Where is the cerebral people?
NOTE Confidence: 0.7920996

00:31:43.260 --> 00:31:44.700 Like, I engage the same
NOTE Confidence: 0.7920996

00:31:44.700 --> 00:31:45.680 thing. Three.
NOTE Confidence: 0.68515944

00:31:46.395 --> 00:31:47.675 I'm trying to put, like,
NOTE Confidence: 0.68515944

00:31:47.675 --> 00:31:49.355 timeline. Then Okay. I put
NOTE Confidence: 0.68515944

00:31:49.355 --> 00:31:50.975 down at the seven. Yeah.
NOTE Confidence: 0.99464005

00:31:51.355 --> 00:31:51.855 With
NOTE Confidence: 0.99938965

00:31:52.235 --> 00:31:52.975 with this

NOTE Confidence: 0.9979477
00:31:53.435 --> 00:31:54.655 Mhmm. Pilot sample,
NOTE Confidence: 0.95680374
00:31:54.955 --> 00:31:56.395 it was pretty variable. It
NOTE Confidence: 0.95680374
00:31:56.395 --> 00:31:57.995 wasn't it wasn't a pre
NOTE Confidence: 0.95680374
00:31:57.995 --> 00:31:58.895 specified protocol.
NOTE Confidence: 0.8886262
00:32:00.280 --> 00:32:00.860 So, conceptually,
NOTE Confidence: 0.6226983
00:32:01.160 --> 00:32:02.300 they said, but,
NOTE Confidence: 0.94188946
00:32:02.760 --> 00:32:03.720 you know, I could not
NOTE Confidence: 0.94188946
00:32:03.720 --> 00:32:04.920 do it. Yeah.
NOTE Confidence: 0.92719
00:32:05.720 --> 00:32:06.760 But Yeah. Or some of
NOTE Confidence: 0.92719
00:32:06.760 --> 00:32:08.360 them had tried previously and
NOTE Confidence: 0.92719
00:32:08.360 --> 00:32:09.720 then given up advancing in
NOTE Confidence: 0.92719
00:32:09.720 --> 00:32:10.680 the steps, but they went
NOTE Confidence: 0.92719
00:32:10.680 --> 00:32:11.640 back and they were able
NOTE Confidence: 0.92719
00:32:11.640 --> 00:32:12.840 to advance this time that
NOTE Confidence: 0.92719
00:32:12.840 --> 00:32:13.660 they started
NOTE Confidence: 0.9929009

00:32:14.095 --> 00:32:15.215 this type of twelve step
NOTE Confidence: 0.9929009

00:32:15.215 --> 00:32:15.715 work.
NOTE Confidence: 0.96767974

00:32:16.895 --> 00:32:18.095 Step two, if I remember
NOTE Confidence: 0.96767974

00:32:18.095 --> 00:32:19.535 correctly, is, like, surrender to
NOTE Confidence: 0.96767974

00:32:19.535 --> 00:32:20.435 the higher power.
NOTE Confidence: 0.97216296

00:32:21.455 --> 00:32:22.815 And so it's something that
NOTE Confidence: 0.97216296

00:32:22.815 --> 00:32:24.095 you go through, but, you
NOTE Confidence: 0.97216296

00:32:24.095 --> 00:32:25.135 know, it's it's,
NOTE Confidence: 0.8970766

00:32:26.700 --> 00:32:27.740 you can complete a full
NOTE Confidence: 0.8970766

00:32:27.740 --> 00:32:29.340 time step program and never
NOTE Confidence: 0.8970766

00:32:29.340 --> 00:32:31.340 actually have accomplished step two
NOTE Confidence: 0.8970766

00:32:31.340 --> 00:32:32.000 in parts.
NOTE Confidence: 0.8837613

00:32:33.260 --> 00:32:34.460 I have a similar question
NOTE Confidence: 0.8837613

00:32:34.460 --> 00:32:35.679 in terms of how many
NOTE Confidence: 0.8837613

00:32:35.820 --> 00:32:37.260 times did the did the
NOTE Confidence: 0.8837613

00:32:37.260 --> 00:32:38.780 patient's dose and at what

NOTE Confidence: 0.8837613
00:32:38.780 --> 00:32:41.020 doses and Mhmm. On a
NOTE Confidence: 0.8837613
00:32:41.020 --> 00:32:42.485 similar that all these people
NOTE Confidence: 0.8837613
00:32:42.485 --> 00:32:43.465 just do once.
NOTE Confidence: 0.92057174
00:32:44.005 --> 00:32:45.605 Yes. And or were they
NOTE Confidence: 0.92057174
00:32:45.605 --> 00:32:47.205 making it themselves? Were they
NOTE Confidence: 0.92057174
00:32:47.205 --> 00:32:48.105 getting it through
NOTE Confidence: 0.87141186
00:32:48.485 --> 00:32:50.165 friends? What was the source
NOTE Confidence: 0.87141186
00:32:50.165 --> 00:32:51.465 of the time work?
NOTE Confidence: 0.9867443
00:32:52.645 --> 00:32:53.685 So I took I took
NOTE Confidence: 0.9867443
00:32:53.685 --> 00:32:54.345 some of
NOTE Confidence: 0.96309197
00:32:54.780 --> 00:32:56.060 those slides out that kinda
NOTE Confidence: 0.96309197
00:32:56.060 --> 00:32:56.860 broke it down, but I
NOTE Confidence: 0.96309197
00:32:56.860 --> 00:32:57.820 can I can tell you
NOTE Confidence: 0.96309197
00:32:57.820 --> 00:32:58.220 that,
NOTE Confidence: 0.9592293
00:32:59.340 --> 00:33:00.460 this was very helpful for
NOTE Confidence: 0.9592293

00:33:00.460 --> 00:33:01.500 us to kinda ask about
NOTE Confidence: 0.9592293

00:33:01.500 --> 00:33:02.860 how how did you combine
NOTE Confidence: 0.9592293

00:33:02.860 --> 00:33:03.820 and what was the sort
NOTE Confidence: 0.9592293

00:33:03.820 --> 00:33:04.560 of operationalized
NOTE Confidence: 0.9692616

00:33:05.100 --> 00:33:06.000 form of this?
NOTE Confidence: 0.9998364

00:33:07.255 --> 00:33:08.315 Some of these folks
NOTE Confidence: 0.81772965

00:33:08.855 --> 00:33:09.355 had,
NOTE Confidence: 0.98399425

00:33:10.615 --> 00:33:12.054 been in twelve steps already
NOTE Confidence: 0.98399425

00:33:12.054 --> 00:33:13.835 and had been sober for
NOTE Confidence: 0.98399425

00:33:13.895 --> 00:33:15.735 one year, sometimes more than
NOTE Confidence: 0.98399425

00:33:15.735 --> 00:33:17.575 that, but they'll but they
NOTE Confidence: 0.98399425

00:33:17.575 --> 00:33:19.095 shared things like, I just
NOTE Confidence: 0.98399425

00:33:19.095 --> 00:33:20.660 couldn't I still couldn't feel
NOTE Confidence: 0.98399425

00:33:20.660 --> 00:33:22.020 good. I wasn't happy. I
NOTE Confidence: 0.98399425

00:33:22.020 --> 00:33:23.000 was still suicidal.
NOTE Confidence: 0.9795703

00:33:23.700 --> 00:33:25.140 And then adding the psychedelics

NOTE Confidence: 0.9795703
00:33:25.140 --> 00:33:26.260 later helped me live a
NOTE Confidence: 0.9795703
00:33:26.260 --> 00:33:27.720 more full life or
NOTE Confidence: 0.973853
00:33:28.020 --> 00:33:29.300 be a better sponsor, things
NOTE Confidence: 0.973853
00:33:29.300 --> 00:33:30.040 like that.
NOTE Confidence: 0.98466265
00:33:31.540 --> 00:33:32.420 Some of them were
NOTE Confidence: 0.98696864
00:33:34.015 --> 00:33:34.975 some of them had not
NOTE Confidence: 0.98696864
00:33:34.975 --> 00:33:35.855 been able to engage in
NOTE Confidence: 0.98696864
00:33:35.855 --> 00:33:37.554 the twelve steps, but then
NOTE Confidence: 0.98696864
00:33:37.775 --> 00:33:39.075 starting this,
NOTE Confidence: 0.96400046
00:33:39.695 --> 00:33:41.455 they then went through. So
NOTE Confidence: 0.96400046
00:33:41.455 --> 00:33:43.375 there there was variability there.
NOTE Confidence: 0.96400046
00:33:43.375 --> 00:33:44.995 We had some folks who
NOTE Confidence: 0.901548
00:33:45.615 --> 00:33:47.155 maybe only use the psychedelic
NOTE Confidence: 0.99873847
00:33:48.080 --> 00:33:49.280 one to four times a
NOTE Confidence: 0.99873847
00:33:49.280 --> 00:33:49.780 year
NOTE Confidence: 0.97401774

00:33:50.160 --> 00:33:51.280 and did that sort of
NOTE Confidence: 0.97401774

00:33:51.280 --> 00:33:52.720 intermittently. And I think there
NOTE Confidence: 0.97401774

00:33:52.720 --> 00:33:54.000 was at least one at
NOTE Confidence: 0.97401774

00:33:54.000 --> 00:33:55.440 least one respondent who said
NOTE Confidence: 0.97401774

00:33:55.440 --> 00:33:56.400 that they were doing it
NOTE Confidence: 0.97401774

00:33:56.400 --> 00:33:57.220 almost monthly.
NOTE Confidence: 0.996379

00:33:59.120 --> 00:34:00.480 A common setting in which
NOTE Confidence: 0.996379

00:34:00.480 --> 00:34:01.860 people were using psychedelics
NOTE Confidence: 0.99142957

00:34:02.240 --> 00:34:03.300 were actually
NOTE Confidence: 0.76733863

00:34:04.054 --> 00:34:05.495 going to a Saint du
NOTE Confidence: 0.76733863

00:34:05.495 --> 00:34:06.475 Daimy church.
NOTE Confidence: 0.9771979

00:34:06.934 --> 00:34:08.555 The Daimy church actually meets
NOTE Confidence: 0.9771979

00:34:08.695 --> 00:34:09.594 twice a month,
NOTE Confidence: 0.9860552

00:34:09.895 --> 00:34:11.094 but I don't think our
NOTE Confidence: 0.9860552

00:34:11.094 --> 00:34:12.875 respondents were going that frequently
NOTE Confidence: 0.9860552

00:34:13.015 --> 00:34:14.295 as, like, full members, but

NOTE Confidence: 0.9860552
00:34:14.295 --> 00:34:15.335 they were going with some
NOTE Confidence: 0.9860552
00:34:15.335 --> 00:34:17.114 regularity to a local community.
NOTE Confidence: 0.9724338
00:34:17.575 --> 00:34:18.600 And it and it varied.
NOTE Confidence: 0.9724338
00:34:18.600 --> 00:34:20.280 But there's people were using
NOTE Confidence: 0.9724338
00:34:20.280 --> 00:34:20.780 ibogaine
NOTE Confidence: 0.96140856
00:34:21.480 --> 00:34:22.380 and psilocybin
NOTE Confidence: 0.92885053
00:34:22.760 --> 00:34:23.960 and other things. But at
NOTE Confidence: 0.92885053
00:34:23.960 --> 00:34:24.840 least the thing they had
NOTE Confidence: 0.92885053
00:34:24.840 --> 00:34:25.740 in common was
NOTE Confidence: 0.98026395
00:34:26.120 --> 00:34:27.580 ceremonial use of Ayahuasca
NOTE Confidence: 0.8370713
00:34:28.360 --> 00:34:30.220 as regarding the psychedelic use.
NOTE Confidence: 0.9660082
00:34:34.225 --> 00:34:35.185 Just to sort of flesh
NOTE Confidence: 0.9660082
00:34:35.185 --> 00:34:36.465 out, like, what did this
NOTE Confidence: 0.9660082
00:34:36.465 --> 00:34:37.505 feel like or what did
NOTE Confidence: 0.9660082
00:34:37.505 --> 00:34:38.945 the respondents say about these
NOTE Confidence: 0.9660082

00:34:38.945 --> 00:34:40.625 processes. So for even just
NOTE Confidence: 0.9660082

00:34:40.625 --> 00:34:41.825 getting started with the twelve
NOTE Confidence: 0.9660082

00:34:41.825 --> 00:34:43.344 step, for me, the twelve
NOTE Confidence: 0.9660082

00:34:43.344 --> 00:34:45.089 steps alone were really a
NOTE Confidence: 0.9660082

00:34:45.089 --> 00:34:45.589 nonstarter.
NOTE Confidence: 0.99676764

00:34:46.450 --> 00:34:47.410 I just did not have
NOTE Confidence: 0.99676764

00:34:47.410 --> 00:34:49.170 the honesty, open mindedness, and
NOTE Confidence: 0.99676764

00:34:49.170 --> 00:34:51.109 willingness to actually do them
NOTE Confidence: 0.99340534

00:34:51.809 --> 00:34:53.109 prior to to this.
NOTE Confidence: 0.9724084

00:34:53.969 --> 00:34:54.930 And the other person said,
NOTE Confidence: 0.9724084

00:34:54.930 --> 00:34:55.809 I thought it was different
NOTE Confidence: 0.9724084

00:34:55.809 --> 00:34:57.705 from everybody in my residential
NOTE Confidence: 0.9724084

00:34:57.705 --> 00:34:59.785 treatment program. Honestly, better I
NOTE Confidence: 0.9724084

00:34:59.785 --> 00:35:01.065 was better than everyone there.
NOTE Confidence: 0.9724084

00:35:01.065 --> 00:35:02.745 And then in that Ibogaine
NOTE Confidence: 0.9724084

00:35:02.745 --> 00:35:04.205 experience, I just got

NOTE Confidence: 0.97697407
00:35:04.665 --> 00:35:06.585 I got cracked so open,
NOTE Confidence: 0.97697407
00:35:06.585 --> 00:35:07.785 and then I went to
NOTE Confidence: 0.97697407
00:35:07.785 --> 00:35:09.485 treatment, and it all landed.
NOTE Confidence: 0.97697407
00:35:09.625 --> 00:35:11.325 And I started really just
NOTE Confidence: 0.97697407
00:35:11.550 --> 00:35:12.430 to open up to the
NOTE Confidence: 0.97697407
00:35:12.430 --> 00:35:13.570 twelve step stuff.
NOTE Confidence: 0.87351453
00:35:14.030 --> 00:35:14.830 This is sort of the
NOTE Confidence: 0.87351453
00:35:14.830 --> 00:35:16.110 kind of the qualitative route
NOTE Confidence: 0.87351453
00:35:16.110 --> 00:35:17.710 data we're getting on how
NOTE Confidence: 0.87351453
00:35:17.710 --> 00:35:18.450 and why.
NOTE Confidence: 0.89527583
00:35:19.469 --> 00:35:20.830 Step two, as as Julian
NOTE Confidence: 0.89527583
00:35:20.830 --> 00:35:22.590 pointed out. Step two in
NOTE Confidence: 0.89527583
00:35:22.590 --> 00:35:24.270 in these programs is I
NOTE Confidence: 0.89527583
00:35:24.270 --> 00:35:25.070 came to believe that a
NOTE Confidence: 0.89527583
00:35:25.070 --> 00:35:26.430 higher power could restore us
NOTE Confidence: 0.89527583

00:35:26.430 --> 00:35:27.285 to sanity.
NOTE Confidence: 0.9931858

00:35:29.185 --> 00:35:30.545 So you can take step
NOTE Confidence: 0.9931858

00:35:30.545 --> 00:35:31.045 one.
NOTE Confidence: 0.98549396

00:35:31.665 --> 00:35:32.785 It was clear that my
NOTE Confidence: 0.98549396

00:35:32.785 --> 00:35:34.385 life was unmanageable, and I
NOTE Confidence: 0.98549396

00:35:34.385 --> 00:35:35.745 could not continue doing these
NOTE Confidence: 0.98549396

00:35:35.745 --> 00:35:37.025 things. But step two was
NOTE Confidence: 0.98549396

00:35:37.025 --> 00:35:38.645 a giant hurdle. You know?
NOTE Confidence: 0.98549396

00:35:38.900 --> 00:35:39.780 I came to believe that
NOTE Confidence: 0.98549396

00:35:39.780 --> 00:35:41.140 a power greater than me
NOTE Confidence: 0.98549396

00:35:41.140 --> 00:35:42.680 could restore me to sanity.
NOTE Confidence: 0.95771205

00:35:43.219 --> 00:35:44.600 I never believed that.
NOTE Confidence: 0.9678522

00:35:44.900 --> 00:35:45.620 And all of a sudden,
NOTE Confidence: 0.9678522

00:35:45.620 --> 00:35:46.739 I believed it. And all
NOTE Confidence: 0.9678522

00:35:46.739 --> 00:35:47.620 of a sudden, I believed
NOTE Confidence: 0.9678522

00:35:47.620 --> 00:35:48.980 it was such sufficient force,

NOTE Confidence: 0.9678522

00:35:48.980 --> 00:35:50.100 I devoted myself to the

NOTE Confidence: 0.9678522

00:35:50.100 --> 00:35:51.505 rest of the steps. I

NOTE Confidence: 0.9678522

00:35:51.505 --> 00:35:52.945 think actually number one is,

NOTE Confidence: 0.9678522

00:35:53.265 --> 00:35:54.385 submission to a higher power,

NOTE Confidence: 0.9678522

00:35:54.385 --> 00:35:55.525 and then two is

NOTE Confidence: 0.9136798

00:35:55.825 --> 00:35:57.445 I'm unmanageable. Yeah.

NOTE Confidence: 0.9623058

00:35:59.825 --> 00:36:01.425 So and, again, this is

NOTE Confidence: 0.9623058

00:36:01.425 --> 00:36:02.385 like a I'm just giving

NOTE Confidence: 0.9623058

00:36:02.385 --> 00:36:03.665 you slices of the different

NOTE Confidence: 0.9623058

00:36:03.665 --> 00:36:04.864 protocols to give a flavor

NOTE Confidence: 0.9623058

00:36:04.864 --> 00:36:05.744 of the type of work

NOTE Confidence: 0.9623058

00:36:05.744 --> 00:36:06.989 we've been doing. Doing. But

NOTE Confidence: 0.9623058

00:36:06.989 --> 00:36:08.530 some just some takeaways here.

NOTE Confidence: 0.9859975

00:36:09.230 --> 00:36:10.110 You know, again, like the

NOTE Confidence: 0.9859975

00:36:10.110 --> 00:36:11.710 last protocol, working with community

NOTE Confidence: 0.9859975

00:36:11.710 --> 00:36:13.150 partners has been very essential.

NOTE Confidence: 0.9859975

00:36:13.390 --> 00:36:15.070 It's really facilitated recruitment and

NOTE Confidence: 0.9859975

00:36:15.070 --> 00:36:16.270 the data collection. We actually

NOTE Confidence: 0.9859975

00:36:16.270 --> 00:36:17.070 have a wait list of

NOTE Confidence: 0.9859975

00:36:17.070 --> 00:36:18.190 people who've been signing up

NOTE Confidence: 0.9859975

00:36:18.190 --> 00:36:19.570 because they wanna be interviewed,

NOTE Confidence: 0.97418225

00:36:20.270 --> 00:36:21.705 but because of the PRA,

NOTE Confidence: 0.97418225

00:36:21.705 --> 00:36:23.065 which I we just got

NOTE Confidence: 0.97418225

00:36:23.065 --> 00:36:24.665 relieved from within the last

NOTE Confidence: 0.97418225

00:36:24.665 --> 00:36:26.105 few weeks, we hadn't been

NOTE Confidence: 0.97418225

00:36:26.105 --> 00:36:26.665 able to talk to them

NOTE Confidence: 0.97418225

00:36:26.665 --> 00:36:27.785 yet. So we're now moving

NOTE Confidence: 0.97418225

00:36:27.785 --> 00:36:28.665 forward with the rest of

NOTE Confidence: 0.97418225

00:36:28.665 --> 00:36:29.565 the data gathering.

NOTE Confidence: 0.9767725

00:36:30.265 --> 00:36:30.985 And we have to keep

NOTE Confidence: 0.9767725

00:36:30.985 --> 00:36:32.265 in mind, we have such

NOTE Confidence: 0.9767725
00:36:32.265 --> 00:36:33.145 a wait list of people
NOTE Confidence: 0.9767725
00:36:33.145 --> 00:36:34.950 because there is sometimes an
NOTE Confidence: 0.9767725
00:36:34.950 --> 00:36:35.450 evangelical
NOTE Confidence: 0.95891553
00:36:35.989 --> 00:36:37.510 sort of motive for passing
NOTE Confidence: 0.95891553
00:36:37.510 --> 00:36:38.630 on the message and sharing
NOTE Confidence: 0.95891553
00:36:38.630 --> 00:36:39.670 the story. And so this
NOTE Confidence: 0.95891553
00:36:39.670 --> 00:36:40.710 is part sort of it
NOTE Confidence: 0.95891553
00:36:40.710 --> 00:36:41.910 is coloring the data we're
NOTE Confidence: 0.95891553
00:36:41.910 --> 00:36:42.890 getting as their
NOTE Confidence: 0.9960886
00:36:43.430 --> 00:36:43.930 religious,
NOTE Confidence: 0.9857851
00:36:45.190 --> 00:36:47.430 you know, inspiration to to
NOTE Confidence: 0.9857851
00:36:47.430 --> 00:36:48.230 tell how this could be
NOTE Confidence: 0.9857851
00:36:48.230 --> 00:36:49.130 good for you.
NOTE Confidence: 0.9693529
00:36:51.805 --> 00:36:52.845 It it does seem like
NOTE Confidence: 0.9693529
00:36:52.845 --> 00:36:53.965 for some people that certainly
NOTE Confidence: 0.9693529

00:36:53.965 --> 00:36:55.165 the twelve steps and the
NOTE Confidence: 0.9693529

00:36:55.165 --> 00:36:56.445 twelve traditions, people don't talk
NOTE Confidence: 0.9693529

00:36:56.445 --> 00:36:57.805 about the traditions, but that's
NOTE Confidence: 0.9693529

00:36:57.805 --> 00:36:58.845 an important part of these
NOTE Confidence: 0.9693529

00:36:58.845 --> 00:37:01.005 practices, may actually synergize very
NOTE Confidence: 0.9693529

00:37:01.005 --> 00:37:02.560 well for forms of psychedelic
NOTE Confidence: 0.9693529

00:37:02.700 --> 00:37:04.219 healing or care that happens
NOTE Confidence: 0.9693529

00:37:04.219 --> 00:37:05.520 in these community settings.
NOTE Confidence: 0.9729434

00:37:06.540 --> 00:37:07.660 And, you know, we're seeing
NOTE Confidence: 0.9729434

00:37:07.660 --> 00:37:09.280 these sort of novel inventions
NOTE Confidence: 0.9729434

00:37:09.420 --> 00:37:11.180 of of care that honestly,
NOTE Confidence: 0.9729434

00:37:11.180 --> 00:37:12.219 when you talk to people
NOTE Confidence: 0.9729434

00:37:12.219 --> 00:37:13.020 and say, like, how can
NOTE Confidence: 0.9729434

00:37:13.020 --> 00:37:13.920 you use psychedelics
NOTE Confidence: 0.95549434

00:37:14.255 --> 00:37:15.875 and be in a abstinence
NOTE Confidence: 0.95549434

00:37:16.015 --> 00:37:17.855 focused recovery program? They say,

NOTE Confidence: 0.95549434
00:37:17.855 --> 00:37:19.055 no. It actually makes sense.
NOTE Confidence: 0.95549434
00:37:19.055 --> 00:37:20.175 I am absent from all
NOTE Confidence: 0.95549434
00:37:20.175 --> 00:37:21.795 the others, and their interpretation
NOTE Confidence: 0.95549434
00:37:22.015 --> 00:37:22.915 of that is
NOTE Confidence: 0.98187
00:37:23.295 --> 00:37:25.135 is supported by having peers
NOTE Confidence: 0.98187
00:37:25.135 --> 00:37:26.355 engaged in this process.
NOTE Confidence: 0.963853
00:37:27.710 --> 00:37:29.150 It's also helping me understand
NOTE Confidence: 0.963853
00:37:29.150 --> 00:37:29.950 some of the, you know,
NOTE Confidence: 0.963853
00:37:29.950 --> 00:37:30.750 what are their when we
NOTE Confidence: 0.963853
00:37:30.750 --> 00:37:31.869 think of okay. So we've
NOTE Confidence: 0.963853
00:37:31.869 --> 00:37:33.469 seen, like, the Bogencitz twenty
NOTE Confidence: 0.963853
00:37:33.469 --> 00:37:34.829 twenty two paper about how,
NOTE Confidence: 0.963853
00:37:34.829 --> 00:37:35.789 you know, we can improve
NOTE Confidence: 0.963853
00:37:35.789 --> 00:37:37.069 alcohol use disorder. How do
NOTE Confidence: 0.963853
00:37:37.069 --> 00:37:38.430 we really translate that into
NOTE Confidence: 0.963853

00:37:38.430 --> 00:37:39.410 community settings?
NOTE Confidence: 0.968058

00:37:39.710 --> 00:37:41.735 It it was, helpful for
NOTE Confidence: 0.968058

00:37:41.735 --> 00:37:42.614 me to see that actually
NOTE Confidence: 0.968058

00:37:42.614 --> 00:37:43.895 some people were already in
NOTE Confidence: 0.968058

00:37:43.895 --> 00:37:44.775 the twelve steps and were
NOTE Confidence: 0.968058

00:37:44.775 --> 00:37:45.594 already sober
NOTE Confidence: 0.9989446

00:37:46.055 --> 00:37:47.335 before they started this. This
NOTE Confidence: 0.9989446

00:37:47.335 --> 00:37:47.915 is not
NOTE Confidence: 0.9296198

00:37:48.215 --> 00:37:49.655 they couldn't get sober and
NOTE Confidence: 0.9296198

00:37:49.655 --> 00:37:51.094 then psychedelics made that happen.
NOTE Confidence: 0.9296198

00:37:51.094 --> 00:37:52.135 It's actually they're saying it
NOTE Confidence: 0.9296198

00:37:52.135 --> 00:37:53.675 maybe fortifies sobriety
NOTE Confidence: 0.96373665

00:37:54.300 --> 00:37:55.180 and their path that they
NOTE Confidence: 0.96373665

00:37:55.180 --> 00:37:56.620 already started, and these might
NOTE Confidence: 0.96373665

00:37:56.620 --> 00:37:58.940 be different pathways towards combining
NOTE Confidence: 0.96373665

00:37:58.940 --> 00:37:59.900 these for people in the

NOTE Confidence: 0.96373665
00:37:59.900 --> 00:38:00.400 future.
NOTE Confidence: 0.91646844
00:38:04.700 --> 00:38:05.739 K. Gonna go to our
NOTE Confidence: 0.91646844
00:38:05.739 --> 00:38:06.719 our last section,
NOTE Confidence: 0.9862045
00:38:07.525 --> 00:38:08.565 and then, yeah, make sure
NOTE Confidence: 0.9862045
00:38:08.565 --> 00:38:09.445 we have time for just
NOTE Confidence: 0.9862045
00:38:09.445 --> 00:38:10.425 more open discussion.
NOTE Confidence: 0.99808246
00:38:11.844 --> 00:38:12.725 The question here is, you
NOTE Confidence: 0.99808246
00:38:12.725 --> 00:38:13.605 know, what can we learn
NOTE Confidence: 0.99808246
00:38:13.605 --> 00:38:14.505 from epidemiologic
NOTE Confidence: 0.81189126
00:38:14.885 --> 00:38:16.825 data on psychedelic related harms?
NOTE Confidence: 0.97669584
00:38:17.364 --> 00:38:18.725 And, specifically, how do we
NOTE Confidence: 0.97669584
00:38:18.725 --> 00:38:20.805 meaningfully interpret these signals of
NOTE Confidence: 0.97669584
00:38:20.805 --> 00:38:21.305 harm?
NOTE Confidence: 0.9738396
00:38:23.600 --> 00:38:25.120 So one way, we've been
NOTE Confidence: 0.9738396
00:38:25.120 --> 00:38:26.000 trying to think about this
NOTE Confidence: 0.9738396

00:38:26.000 --> 00:38:27.280 and approach, like, from, you
NOTE Confidence: 0.9738396

00:38:27.280 --> 00:38:29.200 know, these population level datasets,
NOTE Confidence: 0.9738396

00:38:29.200 --> 00:38:30.160 what can we learn about
NOTE Confidence: 0.9738396

00:38:30.160 --> 00:38:31.920 this is, first off, we
NOTE Confidence: 0.9738396

00:38:31.920 --> 00:38:32.640 need to be able to
NOTE Confidence: 0.9738396

00:38:32.640 --> 00:38:34.000 have estimates if we want
NOTE Confidence: 0.9738396

00:38:34.000 --> 00:38:36.000 to evaluate, for instance, like,
NOTE Confidence: 0.9738396

00:38:36.000 --> 00:38:37.940 the implementation of of Oregon
NOTE Confidence: 0.94237256

00:38:38.325 --> 00:38:39.464 where they rolled out psilocybin
NOTE Confidence: 0.94237256

00:38:39.685 --> 00:38:40.805 services. People wanna know, how
NOTE Confidence: 0.94237256

00:38:40.805 --> 00:38:41.925 does that affect public health?
NOTE Confidence: 0.94237256

00:38:41.925 --> 00:38:43.525 What's what's the outcome? Well,
NOTE Confidence: 0.94237256

00:38:43.525 --> 00:38:44.484 first, we have to know
NOTE Confidence: 0.94237256

00:38:44.484 --> 00:38:45.704 what is people's recent,
NOTE Confidence: 0.9327032

00:38:46.005 --> 00:38:47.464 for instance, psilocybe
NOTE Confidence: 0.95865285

00:38:48.964 --> 00:38:51.125 cubensis or other psilocybe species.

NOTE Confidence: 0.95865285
00:38:51.125 --> 00:38:52.265 How do we know that?
NOTE Confidence: 0.96421736
00:38:53.550 --> 00:38:54.510 Then we have to find
NOTE Confidence: 0.96421736
00:38:54.510 --> 00:38:56.270 a way to, estimate the
NOTE Confidence: 0.96421736
00:38:56.270 --> 00:38:58.270 incidence of psychedelic related serious
NOTE Confidence: 0.96421736
00:38:58.270 --> 00:38:59.469 adverse events. That's what I
NOTE Confidence: 0.96421736
00:38:59.469 --> 00:39:00.770 am focusing on. Hospitalizations,
NOTE Confidence: 0.98518574
00:39:01.070 --> 00:39:02.590 deaths, other, you know, serious
NOTE Confidence: 0.98518574
00:39:02.590 --> 00:39:04.190 impairment from the psychedelic use
NOTE Confidence: 0.98518574
00:39:04.190 --> 00:39:05.230 in a given period of
NOTE Confidence: 0.98518574
00:39:05.230 --> 00:39:05.730 time.
NOTE Confidence: 0.99638397
00:39:06.030 --> 00:39:06.830 And then how do we
NOTE Confidence: 0.99638397
00:39:06.830 --> 00:39:07.710 actually come up with, like,
NOTE Confidence: 0.99638397
00:39:07.710 --> 00:39:08.355 an absolute
NOTE Confidence: 0.94967306
00:39:08.675 --> 00:39:09.955 risk? You know, we wanna
NOTE Confidence: 0.94967306
00:39:09.955 --> 00:39:11.155 know what are the the
NOTE Confidence: 0.94967306

00:39:11.155 --> 00:39:12.594 the incidence of the serious
NOTE Confidence: 0.94967306

00:39:12.594 --> 00:39:14.775 adverse events relative to use.
NOTE Confidence: 0.99298805

00:39:15.075 --> 00:39:16.755 Because if we're having increased
NOTE Confidence: 0.99298805

00:39:16.755 --> 00:39:17.255 adverse
NOTE Confidence: 0.9808184

00:39:17.635 --> 00:39:18.915 events, but use is sort
NOTE Confidence: 0.9808184

00:39:18.915 --> 00:39:20.275 of increasing at the same
NOTE Confidence: 0.9808184

00:39:20.275 --> 00:39:20.775 time,
NOTE Confidence: 0.9933354

00:39:21.234 --> 00:39:22.435 does that tell us that
NOTE Confidence: 0.9933354

00:39:22.435 --> 00:39:24.215 it's getting riskier or not?
NOTE Confidence: 0.9933354

00:39:24.380 --> 00:39:25.520 Maybe we're gonna have
NOTE Confidence: 0.6358189

00:39:26.700 --> 00:39:28.000 more and the
NOTE Confidence: 0.9645326

00:39:28.300 --> 00:39:29.900 number of serious adverse events
NOTE Confidence: 0.9645326

00:39:29.900 --> 00:39:31.660 in Oregon hospitalizations instead of
NOTE Confidence: 0.9645326

00:39:31.660 --> 00:39:33.100 rural go up. But if
NOTE Confidence: 0.9645326

00:39:33.100 --> 00:39:34.460 the total number of people
NOTE Confidence: 0.9645326

00:39:34.460 --> 00:39:35.600 using mushrooms

NOTE Confidence: 0.9967939
00:39:35.900 --> 00:39:37.360 increases much more,
NOTE Confidence: 0.9888878
00:39:37.775 --> 00:39:39.295 is the practice safer because
NOTE Confidence: 0.9888878
00:39:39.295 --> 00:39:40.975 it's in service centers versus
NOTE Confidence: 0.9888878
00:39:40.975 --> 00:39:42.094 out in the community? These
NOTE Confidence: 0.9888878
00:39:42.094 --> 00:39:43.055 are the sort of questions
NOTE Confidence: 0.9888878
00:39:43.055 --> 00:39:43.775 we need to try to
NOTE Confidence: 0.9888878
00:39:43.775 --> 00:39:45.155 think through with data.
NOTE Confidence: 0.8792305
00:39:45.935 --> 00:39:47.375 And so in a study
NOTE Confidence: 0.8792305
00:39:47.455 --> 00:39:48.735 in a project like this,
NOTE Confidence: 0.8792305
00:39:48.735 --> 00:39:49.855 it may not be so
NOTE Confidence: 0.8792305
00:39:49.855 --> 00:39:51.135 easy, but did you have,
NOTE Confidence: 0.8792305
00:39:51.135 --> 00:39:53.395 like, a a a control
NOTE Confidence: 0.8792305
00:39:53.455 --> 00:39:54.469 group in some way? Like,
NOTE Confidence: 0.8792305
00:39:54.469 --> 00:39:55.989 ask people who were getting
NOTE Confidence: 0.8792305
00:39:55.989 --> 00:39:57.109 the twelve steps but work
NOTE Confidence: 0.8792305

00:39:57.109 --> 00:39:58.630 during psychedelics because and especially

NOTE Confidence: 0.8792305

00:39:58.630 --> 00:39:59.430 when it comes to adverse

NOTE Confidence: 0.8792305

00:39:59.430 --> 00:40:00.790 events, adverse events can happen

NOTE Confidence: 0.8792305

00:40:00.790 --> 00:40:01.450 to anybody.

NOTE Confidence: 0.9453013

00:40:02.069 --> 00:40:03.270 And, you know, part of

NOTE Confidence: 0.9453013

00:40:03.270 --> 00:40:05.349 the, documenting adverse events whether

NOTE Confidence: 0.9453013

00:40:05.349 --> 00:40:06.309 you thought it was actually

NOTE Confidence: 0.9453013

00:40:06.309 --> 00:40:07.965 related to the treat to

NOTE Confidence: 0.9453013

00:40:08.045 --> 00:40:08.945 the drug or

NOTE Confidence: 0.96520674

00:40:09.325 --> 00:40:09.805 not. And,

NOTE Confidence: 0.89053

00:40:10.445 --> 00:40:11.405 you know, you can sometimes

NOTE Confidence: 0.89053

00:40:11.405 --> 00:40:13.005 hear people who dose, but

NOTE Confidence: 0.89053

00:40:13.005 --> 00:40:14.125 then weeks or months later,

NOTE Confidence: 0.89053

00:40:14.125 --> 00:40:15.325 something happens and you wonder,

NOTE Confidence: 0.89053

00:40:15.325 --> 00:40:16.525 was it from there? Was

NOTE Confidence: 0.89053

00:40:16.525 --> 00:40:17.965 was that gonna happen anyway?

NOTE Confidence: 0.89053
00:40:17.965 --> 00:40:18.465 So,
NOTE Confidence: 0.92532325
00:40:19.085 --> 00:40:19.965 was there some kind of
NOTE Confidence: 0.92532325
00:40:19.965 --> 00:40:20.465 control?
NOTE Confidence: 0.9982431
00:40:22.640 --> 00:40:23.140 So
NOTE Confidence: 0.9987177
00:40:23.440 --> 00:40:24.500 so going back
NOTE Confidence: 0.97391635
00:40:25.440 --> 00:40:26.640 to the churches, going back
NOTE Confidence: 0.97391635
00:40:26.640 --> 00:40:27.680 to this twelve twelve step
NOTE Confidence: 0.97391635
00:40:27.680 --> 00:40:29.200 communities, we're not trying to
NOTE Confidence: 0.97391635
00:40:29.200 --> 00:40:29.840 come up with,
NOTE Confidence: 0.94895554
00:40:30.320 --> 00:40:32.000 estimates of of of an
NOTE Confidence: 0.94895554
00:40:32.000 --> 00:40:33.540 incidence, you know, how frequently
NOTE Confidence: 0.94895554
00:40:33.600 --> 00:40:35.040 in this particular setting. This
NOTE Confidence: 0.94895554
00:40:35.040 --> 00:40:37.065 is all qualitative, mostly interview
NOTE Confidence: 0.975336
00:40:37.445 --> 00:40:38.565 data. So we're really sort
NOTE Confidence: 0.975336
00:40:38.565 --> 00:40:39.685 of taking people's word, and
NOTE Confidence: 0.975336

00:40:39.685 --> 00:40:40.805 our goal is more to
NOTE Confidence: 0.975336

00:40:40.805 --> 00:40:41.305 understand
NOTE Confidence: 0.9989062

00:40:41.765 --> 00:40:43.225 the descriptive parameters
NOTE Confidence: 0.97916716

00:40:43.525 --> 00:40:44.645 of the types of events
NOTE Confidence: 0.97916716

00:40:44.645 --> 00:40:45.525 that people will talk to
NOTE Confidence: 0.97916716

00:40:45.525 --> 00:40:46.185 us about.
NOTE Confidence: 0.88111794

00:40:47.205 --> 00:40:48.505 Knowing that I think
NOTE Confidence: 0.9483919

00:40:48.870 --> 00:40:50.390 we're getting better descriptions because
NOTE Confidence: 0.9483919

00:40:50.390 --> 00:40:51.750 we're using these community partners.
NOTE Confidence: 0.9483919

00:40:51.750 --> 00:40:52.550 And if we just showed
NOTE Confidence: 0.9483919

00:40:52.550 --> 00:40:53.670 up, like, with the microphone
NOTE Confidence: 0.9483919

00:40:53.670 --> 00:40:54.390 and said, can you tell
NOTE Confidence: 0.9483919

00:40:54.390 --> 00:40:55.270 us about bad things that
NOTE Confidence: 0.9483919

00:40:55.270 --> 00:40:56.090 happened here?
NOTE Confidence: 0.99398637

00:40:56.390 --> 00:40:57.450 When these are communities
NOTE Confidence: 0.9987784

00:40:58.150 --> 00:40:58.810 that have

NOTE Confidence: 0.97445935

00:40:59.270 --> 00:41:01.450 faced, you know, legal penalties,

NOTE Confidence: 0.97445935

00:41:01.750 --> 00:41:03.485 and I'll say, one of

NOTE Confidence: 0.97445935

00:41:03.485 --> 00:41:04.685 the churches that we went

NOTE Confidence: 0.97445935

00:41:04.685 --> 00:41:06.625 to has a DEA registration

NOTE Confidence: 0.97445935

00:41:06.765 --> 00:41:07.905 because the DEA,

NOTE Confidence: 0.9725939

00:41:08.605 --> 00:41:09.965 raided them in the nineties.

NOTE Confidence: 0.9725939

00:41:09.965 --> 00:41:11.005 They took them to court

NOTE Confidence: 0.9725939

00:41:11.005 --> 00:41:11.805 and then now have a

NOTE Confidence: 0.9725939

00:41:11.805 --> 00:41:13.905 DEA registration, but they literally

NOTE Confidence: 0.99949443

00:41:14.205 --> 00:41:15.505 one of the leaders had

NOTE Confidence: 0.9468918

00:41:16.030 --> 00:41:17.710 federal agents with guns in

NOTE Confidence: 0.9468918

00:41:17.710 --> 00:41:19.630 their home. And so the

NOTE Confidence: 0.9468918

00:41:19.630 --> 00:41:21.390 the sensitivity regarding having some

NOTE Confidence: 0.9468918

00:41:21.390 --> 00:41:22.590 of these conversations is is

NOTE Confidence: 0.9468918

00:41:22.590 --> 00:41:24.030 very real still to this

NOTE Confidence: 0.9468918

00:41:24.030 --> 00:41:25.230 day even for few folks
NOTE Confidence: 0.9468918

00:41:25.230 --> 00:41:25.730 who
NOTE Confidence: 0.99930555

00:41:26.190 --> 00:41:26.930 have federal
NOTE Confidence: 0.99721795

00:41:27.550 --> 00:41:29.090 license to to do this.
NOTE Confidence: 0.9867496

00:41:30.190 --> 00:41:31.914 So we we weren't using
NOTE Confidence: 0.9867496

00:41:31.914 --> 00:41:32.954 those settings to come up
NOTE Confidence: 0.9867496

00:41:32.954 --> 00:41:33.434 with,
NOTE Confidence: 0.9053266

00:41:34.155 --> 00:41:35.994 as sort of population level
NOTE Confidence: 0.9053266

00:41:35.994 --> 00:41:36.494 estimates.
NOTE Confidence: 0.9997895

00:41:37.275 --> 00:41:38.255 Moving into
NOTE Confidence: 0.9786662

00:41:39.035 --> 00:41:40.714 these larger datasets, great. So
NOTE Confidence: 0.9786662

00:41:40.714 --> 00:41:41.355 how do you actually come
NOTE Confidence: 0.9786662

00:41:41.355 --> 00:41:42.895 up with controls and understand
NOTE Confidence: 0.9418757

00:41:43.329 --> 00:41:44.690 meaningfully what what does this
NOTE Confidence: 0.9418757

00:41:44.690 --> 00:41:45.489 mean if you see a
NOTE Confidence: 0.9418757

00:41:45.489 --> 00:41:45.989 change?

NOTE Confidence: 0.9683263

00:41:47.329 --> 00:41:48.130 This is the work we're

NOTE Confidence: 0.9683263

00:41:48.130 --> 00:41:49.489 actually trying to figure out

NOTE Confidence: 0.9683263

00:41:49.489 --> 00:41:51.170 because people haven't really done

NOTE Confidence: 0.9683263

00:41:51.170 --> 00:41:52.469 this in so much

NOTE Confidence: 0.9919059

00:41:52.770 --> 00:41:54.790 psychedelic uses in these unregulated

NOTE Confidence: 0.9919059

00:41:55.089 --> 00:41:55.589 settings.

NOTE Confidence: 0.9918572

00:41:55.890 --> 00:41:57.255 We just don't even know

NOTE Confidence: 0.9918572

00:41:57.255 --> 00:41:57.895 what the,

NOTE Confidence: 0.9036337

00:41:58.295 --> 00:41:59.515 denominator is.

NOTE Confidence: 0.98339754

00:42:00.055 --> 00:42:00.934 And that's what we're trying

NOTE Confidence: 0.98339754

00:42:00.934 --> 00:42:02.214 to piece together with different

NOTE Confidence: 0.98339754

00:42:02.214 --> 00:42:02.714 datasets.

NOTE Confidence: 0.840069

00:42:06.694 --> 00:42:08.775 So this this protocol, cups

NOTE Confidence: 0.840069

00:42:08.775 --> 00:42:09.275 three,

NOTE Confidence: 0.9330457

00:42:10.670 --> 00:42:12.110 co led by, two of

NOTE Confidence: 0.9330457

00:42:12.110 --> 00:42:13.410 our emergency department,
NOTE Confidence: 0.89902556

00:42:14.030 --> 00:42:15.710 physicians at at UCSF, Juan
NOTE Confidence: 0.89902556

00:42:15.710 --> 00:42:17.969 Carlos Montoy and Ralph Lang,
NOTE Confidence: 0.9743273

00:42:19.070 --> 00:42:20.610 really focuses on understanding,
NOTE Confidence: 0.933058

00:42:21.870 --> 00:42:22.370 harms,
NOTE Confidence: 0.99657696

00:42:23.390 --> 00:42:23.890 that
NOTE Confidence: 0.9862402

00:42:24.195 --> 00:42:25.315 rise to the level of
NOTE Confidence: 0.9862402

00:42:25.315 --> 00:42:27.575 needing medical attention or, toxicology
NOTE Confidence: 0.9886619

00:42:27.955 --> 00:42:28.455 consultations.
NOTE Confidence: 0.968966

00:42:29.635 --> 00:42:30.835 And really this work that
NOTE Confidence: 0.968966

00:42:30.835 --> 00:42:31.875 we proposed to the FDA
NOTE Confidence: 0.968966

00:42:31.875 --> 00:42:32.675 was just to try to
NOTE Confidence: 0.968966

00:42:32.675 --> 00:42:34.435 build an infrastructure to try
NOTE Confidence: 0.968966

00:42:34.435 --> 00:42:35.395 to, you know, address this
NOTE Confidence: 0.968966

00:42:35.395 --> 00:42:36.355 question. Like, how do we
NOTE Confidence: 0.968966

00:42:36.355 --> 00:42:37.955 actually interpret this and make

NOTE Confidence: 0.968966
00:42:37.955 --> 00:42:38.580 sense of it?
NOTE Confidence: 0.9843325
00:42:39.620 --> 00:42:41.140 Our goal is ultimately be
NOTE Confidence: 0.9843325
00:42:41.219 --> 00:42:42.020 to be able to put
NOTE Confidence: 0.9843325
00:42:42.020 --> 00:42:43.860 the pieces together and look
NOTE Confidence: 0.9843325
00:42:43.860 --> 00:42:44.360 at,
NOTE Confidence: 0.9956132
00:42:46.020 --> 00:42:48.180 changes in harm associated with
NOTE Confidence: 0.9956132
00:42:48.180 --> 00:42:49.160 policy change
NOTE Confidence: 0.9798039
00:42:49.940 --> 00:42:51.585 using the Oregon the state
NOTE Confidence: 0.9798039
00:42:51.585 --> 00:42:53.665 of Oregon model as our
NOTE Confidence: 0.9798039
00:42:53.665 --> 00:42:55.105 as our crucible for figuring
NOTE Confidence: 0.9798039
00:42:55.105 --> 00:42:55.905 out how we can do
NOTE Confidence: 0.9798039
00:42:55.905 --> 00:42:56.405 that,
NOTE Confidence: 0.9985212
00:42:57.344 --> 00:42:58.085 and then
NOTE Confidence: 0.99317825
00:42:58.625 --> 00:43:00.385 building our analytical framework on
NOTE Confidence: 0.99317825
00:43:00.385 --> 00:43:01.285 on top of that.
NOTE Confidence: 0.9470104

00:43:02.945 --> 00:43:05.185 Stopping and, just thinking about

NOTE Confidence: 0.9470104

00:43:05.185 --> 00:43:07.010 Oregon and what that, what

NOTE Confidence: 0.9470104

00:43:07.010 --> 00:43:08.290 hap has happened there last

NOTE Confidence: 0.9470104

00:43:08.290 --> 00:43:09.030 few years.

NOTE Confidence: 0.9926772

00:43:09.570 --> 00:43:11.250 Does anyone feel like they

NOTE Confidence: 0.9926772

00:43:11.250 --> 00:43:12.369 have a good sense of

NOTE Confidence: 0.9926772

00:43:12.369 --> 00:43:13.589 what's going on there?

NOTE Confidence: 0.9752242

00:43:15.329 --> 00:43:16.690 It's it's been complex. There's

NOTE Confidence: 0.9752242

00:43:16.690 --> 00:43:17.730 been different laws. The laws

NOTE Confidence: 0.9752242

00:43:17.730 --> 00:43:19.170 have been changing, but, essentially,

NOTE Confidence: 0.9752242

00:43:19.170 --> 00:43:20.210 in in twenty,

NOTE Confidence: 0.99828947

00:43:20.609 --> 00:43:21.109 twenty,

NOTE Confidence: 0.99120665

00:43:21.625 --> 00:43:22.985 the citizens of Oregon voted

NOTE Confidence: 0.99120665

00:43:22.985 --> 00:43:24.665 for two ballot measures, measure

NOTE Confidence: 0.99120665

00:43:24.665 --> 00:43:25.785 one zero nine and measure

NOTE Confidence: 0.99120665

00:43:25.785 --> 00:43:26.525 one ten.

NOTE Confidence: 0.92535067

00:43:26.905 --> 00:43:28.445 One ten went into into

NOTE Confidence: 0.92535067

00:43:28.505 --> 00:43:30.525 effect rather quickly. That decriminalized,

NOTE Confidence: 0.9885157

00:43:31.225 --> 00:43:32.505 the possession and use of

NOTE Confidence: 0.9885157

00:43:32.505 --> 00:43:34.344 of substances, multiple substances, not

NOTE Confidence: 0.9885157

00:43:34.344 --> 00:43:35.085 just psychedelics.

NOTE Confidence: 0.9627242

00:43:37.660 --> 00:43:38.540 We also know that the

NOTE Confidence: 0.9627242

00:43:38.540 --> 00:43:39.820 pandemic hit. We also know

NOTE Confidence: 0.9627242

00:43:39.820 --> 00:43:41.420 that fentanyl really sort of

NOTE Confidence: 0.9627242

00:43:41.420 --> 00:43:42.860 started raging on the West

NOTE Confidence: 0.9627242

00:43:42.860 --> 00:43:45.100 Coast. As an emergency department

NOTE Confidence: 0.9627242

00:43:45.100 --> 00:43:46.460 psychiatrist, I can tell you

NOTE Confidence: 0.9627242

00:43:46.460 --> 00:43:48.380 it was terrible. Fentanyl, meth,

NOTE Confidence: 0.9627242

00:43:48.380 --> 00:43:49.820 everything just seemed to get

NOTE Confidence: 0.9627242

00:43:49.820 --> 00:43:51.414 really bad in twenty twenty,

NOTE Confidence: 0.9627242

00:43:51.414 --> 00:43:52.474 twenty twenty one.

NOTE Confidence: 0.9799677

00:43:53.575 --> 00:43:55.255 And we had decriminalization happen

NOTE Confidence: 0.9799677

00:43:55.255 --> 00:43:56.214 at the same time in

NOTE Confidence: 0.9799677

00:43:56.214 --> 00:43:56.714 Oregon.

NOTE Confidence: 0.9959571

00:43:58.295 --> 00:43:59.895 The voters also approved measure

NOTE Confidence: 0.9959571

00:43:59.895 --> 00:44:01.494 one zero nine. One zero

NOTE Confidence: 0.9959571

00:44:01.494 --> 00:44:02.694 nine said that the state

NOTE Confidence: 0.9959571

00:44:02.694 --> 00:44:03.994 would stand up

NOTE Confidence: 0.99640864

00:44:04.530 --> 00:44:06.469 state regulated psilocybin

NOTE Confidence: 0.9399719

00:44:06.770 --> 00:44:08.390 services for adults,

NOTE Confidence: 0.8612308

00:44:09.090 --> 00:44:10.710 not psychedelic therapy,

NOTE Confidence: 0.8094942

00:44:11.489 --> 00:44:11.969 not,

NOTE Confidence: 0.9831725

00:44:12.850 --> 00:44:13.730 something that you need a

NOTE Confidence: 0.9831725

00:44:13.730 --> 00:44:14.230 diagnosis,

NOTE Confidence: 0.9857932

00:44:14.930 --> 00:44:16.690 to to receive. You just

NOTE Confidence: 0.9857932

00:44:16.690 --> 00:44:17.810 have to be a consenting

NOTE Confidence: 0.9857932

00:44:17.810 --> 00:44:19.090 adult who didn't have some

NOTE Confidence: 0.9857932
00:44:19.090 --> 00:44:19.830 very minimal,
NOTE Confidence: 0.9512018
00:44:20.724 --> 00:44:21.545 health conditions.
NOTE Confidence: 0.80297565
00:44:21.844 --> 00:44:22.805 You can not be not
NOTE Confidence: 0.80297565
00:44:22.805 --> 00:44:24.105 intoxicated, not pregnant,
NOTE Confidence: 0.960405
00:44:24.964 --> 00:44:25.705 not psychotic,
NOTE Confidence: 0.8719059
00:44:26.165 --> 00:44:26.665 essentially.
NOTE Confidence: 0.9840906
00:44:27.364 --> 00:44:28.885 And you could qualify for
NOTE Confidence: 0.9840906
00:44:28.885 --> 00:44:31.525 receiving psilocybin mushroom products that
NOTE Confidence: 0.9840906
00:44:31.525 --> 00:44:32.744 were, grown
NOTE Confidence: 0.98998845
00:44:33.309 --> 00:44:34.930 and formulated in the state,
NOTE Confidence: 0.9677172
00:44:35.230 --> 00:44:36.910 analyzed for the, for their
NOTE Confidence: 0.9677172
00:44:36.910 --> 00:44:38.289 content of psilocybin,
NOTE Confidence: 0.9760163
00:44:38.750 --> 00:44:40.670 and then, administered only in
NOTE Confidence: 0.9760163
00:44:40.670 --> 00:44:41.869 a structured setting of a
NOTE Confidence: 0.9760163
00:44:41.869 --> 00:44:43.489 psilocybin service center.
NOTE Confidence: 0.99890506

00:44:44.829 --> 00:44:46.109 This law didn't go into
NOTE Confidence: 0.99890506

00:44:46.109 --> 00:44:48.085 effect until twenty twenty
NOTE Confidence: 0.8002182

00:44:48.464 --> 00:44:48.964 three.
NOTE Confidence: 0.98713416

00:44:49.904 --> 00:44:50.404 And
NOTE Confidence: 0.83734703

00:44:51.184 --> 00:44:51.684 the,
NOTE Confidence: 0.97578514

00:44:53.585 --> 00:44:55.025 counts of number of people
NOTE Confidence: 0.97578514

00:44:55.025 --> 00:44:55.984 who've been through this are
NOTE Confidence: 0.97578514

00:44:55.984 --> 00:44:57.265 actually kind of hard to
NOTE Confidence: 0.97578514

00:44:57.265 --> 00:44:58.625 get because the state at
NOTE Confidence: 0.97578514

00:44:58.625 --> 00:45:00.005 this point has been tracking
NOTE Confidence: 0.97578514

00:45:00.224 --> 00:45:02.069 the number of products sold,
NOTE Confidence: 0.97578514

00:45:02.210 --> 00:45:03.569 but the products can be
NOTE Confidence: 0.97578514

00:45:03.569 --> 00:45:04.730 sold in, like, equivalents of
NOTE Confidence: 0.97578514

00:45:04.849 --> 00:45:05.969 I think it's, like, maybe,
NOTE Confidence: 0.97578514

00:45:05.969 --> 00:45:07.589 like, five or ten
NOTE Confidence: 0.8339876

00:45:08.130 --> 00:45:09.349 milligram equivalents

NOTE Confidence: 0.96985674
00:45:10.130 --> 00:45:11.989 of what we think synthetic
NOTE Confidence: 0.96985674
00:45:12.050 --> 00:45:12.945 psilocybin is,
NOTE Confidence: 0.9997599
00:45:13.505 --> 00:45:15.105 and someone might get multiple
NOTE Confidence: 0.9997599
00:45:15.105 --> 00:45:15.605 products.
NOTE Confidence: 0.9937217
00:45:15.985 --> 00:45:17.665 So our estimates of the
NOTE Confidence: 0.9937217
00:45:17.665 --> 00:45:18.705 number of adults that have
NOTE Confidence: 0.9937217
00:45:18.705 --> 00:45:19.745 gone through this are based
NOTE Confidence: 0.9937217
00:45:19.745 --> 00:45:20.625 off of the number of
NOTE Confidence: 0.9937217
00:45:20.625 --> 00:45:22.385 products sold, and people are
NOTE Confidence: 0.9937217
00:45:22.385 --> 00:45:22.885 getting
NOTE Confidence: 0.9786645
00:45:23.425 --> 00:45:24.705 what what I'm being told
NOTE Confidence: 0.9786645
00:45:24.705 --> 00:45:25.425 is kind of on the
NOTE Confidence: 0.9786645
00:45:25.425 --> 00:45:27.025 range of the equivalent of,
NOTE Confidence: 0.9786645
00:45:27.025 --> 00:45:29.190 like, thirty milligrams of synthetic
NOTE Confidence: 0.9786645
00:45:29.190 --> 00:45:31.109 psilocybin. And often for people
NOTE Confidence: 0.9786645

00:45:31.109 --> 00:45:32.390 who are on or have
NOTE Confidence: 0.9786645

00:45:32.390 --> 00:45:34.630 recently been on serotonin reptic
NOTE Confidence: 0.9786645

00:45:34.630 --> 00:45:35.130 inhibitors,
NOTE Confidence: 0.9964053

00:45:35.430 --> 00:45:36.310 they're getting more of the
NOTE Confidence: 0.9964053

00:45:36.310 --> 00:45:37.930 equivalent of, like, fifty milligrams
NOTE Confidence: 0.9964053

00:45:38.070 --> 00:45:38.730 of synthetic
NOTE Confidence: 0.98728085

00:45:39.589 --> 00:45:41.030 as determined by the label
NOTE Confidence: 0.98728085

00:45:41.030 --> 00:45:42.310 on this product you get
NOTE Confidence: 0.98728085

00:45:42.310 --> 00:45:42.969 in this
NOTE Confidence: 0.91803885

00:45:44.045 --> 00:45:45.825 place. It's just GMP
NOTE Confidence: 0.8823159

00:45:46.445 --> 00:45:46.945 regulated.
NOTE Confidence: 0.97029096

00:45:47.565 --> 00:45:49.105 Maybe almost GMP,
NOTE Confidence: 0.9964959

00:45:49.645 --> 00:45:50.705 but maybe not.
NOTE Confidence: 0.8880403

00:45:51.005 --> 00:45:52.205 Somebody's been there. I think
NOTE Confidence: 0.8880403

00:45:52.525 --> 00:45:53.245 No. I mean, they have
NOTE Confidence: 0.8880403

00:45:53.245 --> 00:45:55.105 regulated labs that are analytical

NOTE Confidence: 0.8880403
00:45:55.165 --> 00:45:56.369 labs that are testing it.
NOTE Confidence: 0.8880403
00:45:56.609 --> 00:45:57.650 But but, you know, these
NOTE Confidence: 0.8880403
00:45:57.650 --> 00:45:59.329 are natural products, and then
NOTE Confidence: 0.8880403
00:45:59.329 --> 00:46:00.309 how is the testing?
NOTE Confidence: 0.98484343
00:46:01.009 --> 00:46:02.130 What's the what's the shelf
NOTE Confidence: 0.98484343
00:46:02.130 --> 00:46:03.489 life? What's the sustainability of
NOTE Confidence: 0.98484343
00:46:03.489 --> 00:46:04.529 the product? There's, like, lots
NOTE Confidence: 0.98484343
00:46:04.529 --> 00:46:05.489 of questions that I'm sure
NOTE Confidence: 0.98484343
00:46:05.489 --> 00:46:06.789 the FDA would be just
NOTE Confidence: 0.96867543
00:46:07.250 --> 00:46:08.529 have lots of, yeah, questions
NOTE Confidence: 0.96867543
00:46:08.529 --> 00:46:09.029 about.
NOTE Confidence: 0.94237465
00:46:10.994 --> 00:46:12.375 And it took,
NOTE Confidence: 0.99330956
00:46:13.474 --> 00:46:15.075 a push later to pass
NOTE Confidence: 0.99330956
00:46:15.075 --> 00:46:16.515 another state law that said
NOTE Confidence: 0.99330956
00:46:16.515 --> 00:46:17.974 that there will now be
NOTE Confidence: 0.99330956

00:46:18.035 --> 00:46:19.714 more standardized data collection in
NOTE Confidence: 0.99330956

00:46:19.714 --> 00:46:20.515 the state where each of
NOTE Confidence: 0.99330956

00:46:20.515 --> 00:46:21.954 the service centers will aggregate
NOTE Confidence: 0.99330956

00:46:21.954 --> 00:46:23.394 the data and then send
NOTE Confidence: 0.99330956

00:46:23.394 --> 00:46:24.055 it to
NOTE Confidence: 0.9995691

00:46:24.489 --> 00:46:24.989 OHSU
NOTE Confidence: 0.9684254

00:46:25.370 --> 00:46:26.969 and Oregon Health Authority to
NOTE Confidence: 0.9684254

00:46:26.969 --> 00:46:28.430 then sort of map out
NOTE Confidence: 0.9684254

00:46:28.730 --> 00:46:30.250 number of people and really
NOTE Confidence: 0.9684254

00:46:30.250 --> 00:46:32.190 hopefully track more things regarding
NOTE Confidence: 0.9684254

00:46:32.250 --> 00:46:32.750 demographics,
NOTE Confidence: 0.99646086

00:46:33.290 --> 00:46:34.510 adverse events, etcetera.
NOTE Confidence: 0.8987635

00:46:37.445 --> 00:46:38.725 Catch up to our current
NOTE Confidence: 0.8987635

00:46:38.725 --> 00:46:39.685 year twenty twenty four, a
NOTE Confidence: 0.8987635

00:46:39.685 --> 00:46:41.125 decriminalization of drugs ended. They
NOTE Confidence: 0.8987635

00:46:41.125 --> 00:46:42.245 passed an allow to take

NOTE Confidence: 0.8987635
00:46:42.245 --> 00:46:43.844 that away. And so when
NOTE Confidence: 0.8987635
00:46:43.844 --> 00:46:45.445 we wanna look at policy
NOTE Confidence: 0.8987635
00:46:45.445 --> 00:46:46.905 change, it got very
NOTE Confidence: 0.99996746
00:46:47.364 --> 00:46:47.864 tricky
NOTE Confidence: 0.9419898
00:46:48.405 --> 00:46:49.525 when not only did we're
NOTE Confidence: 0.9419898
00:46:49.525 --> 00:46:50.885 laws starting and ending and
NOTE Confidence: 0.9419898
00:46:50.885 --> 00:46:52.370 people were having access to
NOTE Confidence: 0.9419898
00:46:52.370 --> 00:46:53.810 psychedelics not in the service
NOTE Confidence: 0.9419898
00:46:53.810 --> 00:46:54.310 centers,
NOTE Confidence: 0.9993019
00:46:54.690 --> 00:46:55.430 and then
NOTE Confidence: 0.9907682
00:46:56.050 --> 00:46:57.810 county by county and city
NOTE Confidence: 0.9907682
00:46:57.810 --> 00:46:59.270 by city, different municipalities
NOTE Confidence: 0.916198
00:46:59.570 --> 00:47:00.770 were opting in or out
NOTE Confidence: 0.916198
00:47:00.770 --> 00:47:02.210 of the law. Our ability
NOTE Confidence: 0.916198
00:47:02.210 --> 00:47:03.250 to we had this great
NOTE Confidence: 0.916198

00:47:03.250 --> 00:47:04.210 plan to do, like, a
NOTE Confidence: 0.916198

00:47:04.210 --> 00:47:05.590 difference in difference design,
NOTE Confidence: 0.94825476

00:47:05.969 --> 00:47:07.375 and, we've we've had to
NOTE Confidence: 0.94825476

00:47:07.375 --> 00:47:08.095 sort of step back and
NOTE Confidence: 0.94825476

00:47:08.095 --> 00:47:09.455 think about analytically how can
NOTE Confidence: 0.94825476

00:47:09.455 --> 00:47:10.675 we even approach this.
NOTE Confidence: 0.9813255

00:47:11.695 --> 00:47:13.055 But we are still trying
NOTE Confidence: 0.9813255

00:47:13.055 --> 00:47:14.655 to figure out some basic
NOTE Confidence: 0.9813255

00:47:14.655 --> 00:47:15.955 things. So for instance,
NOTE Confidence: 0.9459006

00:47:16.735 --> 00:47:18.095 and I'll I'll wrap up
NOTE Confidence: 0.9459006

00:47:18.095 --> 00:47:19.075 briefly, but
NOTE Confidence: 0.9721826

00:47:19.950 --> 00:47:20.989 to even try to get
NOTE Confidence: 0.9721826

00:47:20.989 --> 00:47:22.430 a denominator for the number
NOTE Confidence: 0.9721826

00:47:22.430 --> 00:47:23.969 of people who've used psilocybin
NOTE Confidence: 0.9721826

00:47:24.190 --> 00:47:25.710 in the last year, we
NOTE Confidence: 0.9721826

00:47:25.710 --> 00:47:27.230 can look to NSDUH. So

NOTE Confidence: 0.9721826

00:47:27.230 --> 00:47:28.910 the, National Survey on Drug

NOTE Confidence: 0.9721826

00:47:28.910 --> 00:47:30.210 Use and Health from SAMHSA,

NOTE Confidence: 0.99407256

00:47:31.710 --> 00:47:33.089 is conducted with a,

NOTE Confidence: 0.9597701

00:47:33.869 --> 00:47:34.369 proportionally

NOTE Confidence: 0.9237897

00:47:34.670 --> 00:47:36.165 or a weighted sample. So

NOTE Confidence: 0.9237897

00:47:36.165 --> 00:47:37.465 it's nationally representative

NOTE Confidence: 0.99905914

00:47:37.765 --> 00:47:38.265 of

NOTE Confidence: 0.96573347

00:47:38.805 --> 00:47:39.205 US,

NOTE Confidence: 0.9686116

00:47:40.725 --> 00:47:41.685 people living in the United

NOTE Confidence: 0.9686116

00:47:41.685 --> 00:47:43.625 States twelve years and older.

NOTE Confidence: 0.96502054

00:47:44.565 --> 00:47:45.685 The methods have had to

NOTE Confidence: 0.96502054

00:47:45.685 --> 00:47:46.885 change a little bit, because

NOTE Confidence: 0.96502054

00:47:46.885 --> 00:47:48.005 of COVID in twenty twenty

NOTE Confidence: 0.96502054

00:47:48.005 --> 00:47:49.225 and twenty twenty one.

NOTE Confidence: 0.9570013

00:47:49.770 --> 00:47:51.469 But NSDUH asked about hallucinogen

NOTE Confidence: 0.9570013

00:47:51.610 --> 00:47:53.469 use, meaning psychedelics and dissociatives.

NOTE Confidence: 0.85591936

00:47:54.570 --> 00:47:55.550 They ask about

NOTE Confidence: 0.99923456

00:47:55.850 --> 00:47:57.630 lifetime and past year use.

NOTE Confidence: 0.9880726

00:47:58.489 --> 00:48:00.090 Unfortunately, for psilocybin, they only

NOTE Confidence: 0.9880726

00:48:00.090 --> 00:48:01.370 talk about lifetime use. They

NOTE Confidence: 0.9880726

00:48:01.610 --> 00:48:03.055 they're going to add past

NOTE Confidence: 0.9880726

00:48:03.055 --> 00:48:04.735 year psilocybin use in twenty

NOTE Confidence: 0.9880726

00:48:04.735 --> 00:48:06.015 twenty five data, but we're

NOTE Confidence: 0.9880726

00:48:06.015 --> 00:48:06.915 not there yet.

NOTE Confidence: 0.9623617

00:48:07.614 --> 00:48:08.495 And so we have this

NOTE Confidence: 0.9623617

00:48:08.495 --> 00:48:09.614 funny puzzle where if we

NOTE Confidence: 0.9623617

00:48:09.614 --> 00:48:11.315 wanna understand last year's psilocybin

NOTE Confidence: 0.9623617

00:48:11.375 --> 00:48:12.335 use, you can't get it

NOTE Confidence: 0.9623617

00:48:12.335 --> 00:48:13.475 from this data.

NOTE Confidence: 0.99830115

00:48:13.855 --> 00:48:14.895 But what we did is

NOTE Confidence: 0.99830115

00:48:14.895 --> 00:48:16.594 we looked at everyone who

NOTE Confidence: 0.95925874

00:48:17.480 --> 00:48:18.440 said that they used a

NOTE Confidence: 0.95925874

00:48:18.440 --> 00:48:20.299 hallucinogen in the last year.

NOTE Confidence: 0.98112184

00:48:22.119 --> 00:48:23.400 Anyone who and then when

NOTE Confidence: 0.98112184

00:48:23.400 --> 00:48:24.440 they ask you about what

NOTE Confidence: 0.98112184

00:48:24.440 --> 00:48:26.039 hallucinogens you've used, the only

NOTE Confidence: 0.98112184

00:48:26.039 --> 00:48:27.239 drug that they said yes

NOTE Confidence: 0.98112184

00:48:27.239 --> 00:48:28.219 to was psilocybin.

NOTE Confidence: 0.94597286

00:48:31.160 --> 00:48:32.244 And and there's also there's

NOTE Confidence: 0.94597286

00:48:32.244 --> 00:48:33.145 a question about,

NOTE Confidence: 0.99159294

00:48:34.885 --> 00:48:35.844 I can't remember all the

NOTE Confidence: 0.99159294

00:48:35.844 --> 00:48:37.685 permutations, but, essentially, you can

NOTE Confidence: 0.99159294

00:48:37.685 --> 00:48:39.385 use the variables that exist

NOTE Confidence: 0.9968368

00:48:39.844 --> 00:48:40.645 to sort of come up

NOTE Confidence: 0.9968368

00:48:40.645 --> 00:48:42.244 with a new variable, which

NOTE Confidence: 0.9968368

00:48:42.244 --> 00:48:43.205 is for people who have

NOTE Confidence: 0.9968368

00:48:43.205 --> 00:48:44.744 used for the first time
NOTE Confidence: 0.9651385

00:48:45.080 --> 00:48:46.200 in the last year. They
NOTE Confidence: 0.9651385

00:48:46.200 --> 00:48:46.920 they ask you what was
NOTE Confidence: 0.9651385

00:48:46.920 --> 00:48:48.200 your the first year of
NOTE Confidence: 0.9651385

00:48:48.200 --> 00:48:50.219 use for different categories.
NOTE Confidence: 0.9870997

00:48:50.520 --> 00:48:52.120 So we've we've created this
NOTE Confidence: 0.9870997

00:48:52.120 --> 00:48:53.480 variable that allows us to
NOTE Confidence: 0.9870997

00:48:53.480 --> 00:48:55.160 assess only people who are
NOTE Confidence: 0.9870997

00:48:55.160 --> 00:48:56.360 starting to use the drug
NOTE Confidence: 0.9870997

00:48:56.360 --> 00:48:57.160 for the first time in
NOTE Confidence: 0.9870997

00:48:57.160 --> 00:48:58.680 the past year, which actually
NOTE Confidence: 0.9870997

00:48:58.680 --> 00:48:59.660 I think is interesting.
NOTE Confidence: 0.9884958

00:49:00.065 --> 00:49:00.945 My guess is that these
NOTE Confidence: 0.9884958

00:49:00.945 --> 00:49:01.825 are people who may be
NOTE Confidence: 0.9884958

00:49:01.825 --> 00:49:03.425 at higher risk. They don't
NOTE Confidence: 0.9884958

00:49:03.425 --> 00:49:04.945 have experience with the substance.

NOTE Confidence: 0.9884958
00:49:04.945 --> 00:49:05.905 They don't maybe are not
NOTE Confidence: 0.9884958
00:49:05.905 --> 00:49:07.345 as connected to communities that
NOTE Confidence: 0.9884958
00:49:07.345 --> 00:49:08.725 know sort of safety practices.
NOTE Confidence: 0.8879412
00:49:09.105 --> 00:49:11.125 They're initiates in SAMHSA's,
NOTE Confidence: 0.879025
00:49:11.425 --> 00:49:12.565 language or they're,
NOTE Confidence: 0.9442418
00:49:13.105 --> 00:49:13.985 exposed to it for the
NOTE Confidence: 0.9442418
00:49:13.985 --> 00:49:15.360 first time. We tracked we
NOTE Confidence: 0.9442418
00:49:15.360 --> 00:49:16.960 tracked that over time. So
NOTE Confidence: 0.9442418
00:49:16.960 --> 00:49:18.580 the the survey doesn't differentiate
NOTE Confidence: 0.66121626
00:49:19.280 --> 00:49:20.880 without the service side of
NOTE Confidence: 0.66121626
00:49:20.880 --> 00:49:22.320 the police. People that take
NOTE Confidence: 0.66121626
00:49:22.320 --> 00:49:24.080 it to have the sort
NOTE Confidence: 0.66121626
00:49:24.080 --> 00:49:24.740 of experience
NOTE Confidence: 0.65749925
00:49:25.760 --> 00:49:26.800 of my for those. We
NOTE Confidence: 0.65749925
00:49:26.800 --> 00:49:27.620 don't know that.
NOTE Confidence: 0.99767345

00:49:27.984 --> 00:49:28.645 I know.
NOTE Confidence: 0.9854278

00:49:29.025 --> 00:49:30.305 I know. Yeah. We don't
NOTE Confidence: 0.9854278

00:49:30.305 --> 00:49:31.265 know anything about the dose.
NOTE Confidence: 0.9854278

00:49:31.265 --> 00:49:32.145 We don't know any was
NOTE Confidence: 0.9854278

00:49:32.145 --> 00:49:33.665 it actually psilocybin? This is
NOTE Confidence: 0.9854278

00:49:33.665 --> 00:49:35.265 their self report. But just
NOTE Confidence: 0.9854278

00:49:35.265 --> 00:49:36.244 to try to get
NOTE Confidence: 0.9895337

00:49:37.025 --> 00:49:38.704 those data, we've we've done
NOTE Confidence: 0.9895337

00:49:38.704 --> 00:49:39.744 this work. And and if
NOTE Confidence: 0.9895337

00:49:39.744 --> 00:49:41.185 we look and we break
NOTE Confidence: 0.9895337

00:49:41.185 --> 00:49:42.085 it down by
NOTE Confidence: 0.9980699

00:49:43.000 --> 00:49:43.820 age group,
NOTE Confidence: 0.98651403

00:49:44.200 --> 00:49:46.680 it looks like psilocybin use
NOTE Confidence: 0.98651403

00:49:46.680 --> 00:49:48.520 is increasing quite a bit
NOTE Confidence: 0.98651403

00:49:48.520 --> 00:49:49.800 over the last few years,
NOTE Confidence: 0.98651403

00:49:49.800 --> 00:49:50.920 especially in the eighteen to

NOTE Confidence: 0.98651403

00:49:50.920 --> 00:49:52.060 thirty four year olds.

NOTE Confidence: 0.96461755

00:49:52.760 --> 00:49:53.640 And yet we have to

NOTE Confidence: 0.96461755

00:49:53.640 --> 00:49:55.215 be really clear, we can't

NOTE Confidence: 0.96461755

00:49:55.215 --> 00:49:56.255 really treat this as a

NOTE Confidence: 0.96461755

00:49:56.255 --> 00:49:57.375 trend because the way that

NOTE Confidence: 0.96461755

00:49:57.375 --> 00:49:59.375 the methods changed during COVID.

NOTE Confidence: 0.96461755

00:49:59.375 --> 00:50:00.735 So we can start that

NOTE Confidence: 0.96461755

00:50:00.735 --> 00:50:01.635 trend anew,

NOTE Confidence: 0.99961996

00:50:02.255 --> 00:50:03.215 but we can start to

NOTE Confidence: 0.99961996

00:50:03.215 --> 00:50:03.715 track

NOTE Confidence: 0.9831178

00:50:04.094 --> 00:50:05.215 initiation of use in the

NOTE Confidence: 0.9831178

00:50:05.215 --> 00:50:06.575 last year. And we can

NOTE Confidence: 0.9831178

00:50:06.575 --> 00:50:07.935 compare that to other drugs

NOTE Confidence: 0.9831178

00:50:07.935 --> 00:50:08.594 like LSD

NOTE Confidence: 0.999436

00:50:10.349 --> 00:50:11.089 and MDMA

NOTE Confidence: 0.98288864

00:50:12.430 --> 00:50:13.549 and try to just get
NOTE Confidence: 0.98288864

00:50:13.549 --> 00:50:15.150 a sense of recent use
NOTE Confidence: 0.98288864

00:50:15.150 --> 00:50:17.089 using nationally representative data.
NOTE Confidence: 0.9658995

00:50:18.670 --> 00:50:19.549 Even better, we can look
NOTE Confidence: 0.9658995

00:50:19.549 --> 00:50:20.589 to the Rand Institute that
NOTE Confidence: 0.9658995

00:50:20.589 --> 00:50:21.549 just a few months ago
NOTE Confidence: 0.9658995

00:50:21.549 --> 00:50:22.989 published their survey that they
NOTE Confidence: 0.9658995

00:50:22.989 --> 00:50:24.450 just did on their own.
NOTE Confidence: 0.9658995

00:50:24.589 --> 00:50:25.089 Also,
NOTE Confidence: 0.9706568

00:50:25.525 --> 00:50:27.685 nationally representative, not including twelve
NOTE Confidence: 0.9706568

00:50:27.685 --> 00:50:29.045 and up. This was all
NOTE Confidence: 0.9706568

00:50:29.045 --> 00:50:30.505 adults in the United States,
NOTE Confidence: 0.9706568

00:50:30.725 --> 00:50:31.925 and they asked about past
NOTE Confidence: 0.9706568

00:50:31.925 --> 00:50:32.744 year psilocybin
NOTE Confidence: 0.9453414

00:50:33.045 --> 00:50:35.045 mushroom use. And their estimate
NOTE Confidence: 0.9453414

00:50:35.045 --> 00:50:36.285 is actually it's like between

NOTE Confidence: 0.9453414

00:50:36.645 --> 00:50:38.005 it's about, like, three percent

NOTE Confidence: 0.9453414

00:50:38.005 --> 00:50:38.825 of the population.

NOTE Confidence: 0.9896935

00:50:39.190 --> 00:50:40.230 So we're starting to get

NOTE Confidence: 0.9896935

00:50:40.230 --> 00:50:40.950 this data that we can

NOTE Confidence: 0.9896935

00:50:40.950 --> 00:50:41.750 start to think about the

NOTE Confidence: 0.9896935

00:50:41.750 --> 00:50:42.250 denominator

NOTE Confidence: 0.9689793

00:50:43.190 --> 00:50:44.570 of people using recently.

NOTE Confidence: 0.9742909

00:50:45.030 --> 00:50:46.310 And so we can wrap

NOTE Confidence: 0.9742909

00:50:46.310 --> 00:50:47.670 up. I wanna just skip

NOTE Confidence: 0.9742909

00:50:47.670 --> 00:50:48.630 ahead and say we're also

NOTE Confidence: 0.9742909

00:50:48.630 --> 00:50:50.810 looking at toxicology data specifically

NOTE Confidence: 0.9742909

00:50:50.950 --> 00:50:52.469 from the National Poison Data

NOTE Confidence: 0.9742909

00:50:52.469 --> 00:50:53.864 System that looks at at

NOTE Confidence: 0.9742909

00:50:53.864 --> 00:50:55.625 toxicology calls. These are people

NOTE Confidence: 0.9742909

00:50:55.625 --> 00:50:57.305 from ambulances or home or

NOTE Confidence: 0.9742909

00:50:57.305 --> 00:50:58.905 even emergency departments who call

NOTE Confidence: 0.9742909

00:50:58.905 --> 00:51:00.425 to report things, and they

NOTE Confidence: 0.9742909

00:51:00.425 --> 00:51:02.425 have a specific code for

NOTE Confidence: 0.9742909

00:51:02.425 --> 00:51:03.965 mushrooms, LSD, etcetera.

NOTE Confidence: 0.9958395

00:51:04.665 --> 00:51:05.065 And,

NOTE Confidence: 0.9557708

00:51:05.465 --> 00:51:06.505 so we started doing this

NOTE Confidence: 0.9557708

00:51:06.505 --> 00:51:07.960 work just looking at not

NOTE Confidence: 0.9557708

00:51:07.960 --> 00:51:09.320 just the denominator of use,

NOTE Confidence: 0.9557708

00:51:09.320 --> 00:51:10.940 but also are there SAEs

NOTE Confidence: 0.9557708

00:51:11.080 --> 00:51:13.020 or, you know, ED engagement

NOTE Confidence: 0.9482088

00:51:13.480 --> 00:51:14.520 nine one one calls that

NOTE Confidence: 0.9482088

00:51:14.520 --> 00:51:15.739 we can start to track.

NOTE Confidence: 0.9967144

00:51:17.320 --> 00:51:18.760 The lines at the very

NOTE Confidence: 0.9967144

00:51:18.760 --> 00:51:19.260 top

NOTE Confidence: 0.92843735

00:51:19.719 --> 00:51:20.219 are,

NOTE Confidence: 0.9255826

00:51:22.364 --> 00:51:24.705 other toxic plants and nonpsychedelic

NOTE Confidence: 0.9599067
00:51:25.085 --> 00:51:26.685 mushrooms. So just to put
NOTE Confidence: 0.9599067
00:51:26.685 --> 00:51:27.805 it in perspective, the number
NOTE Confidence: 0.9599067
00:51:27.805 --> 00:51:29.725 of toxicology calls, poison control
NOTE Confidence: 0.9599067
00:51:29.725 --> 00:51:30.785 calls for nonpsychedelics
NOTE Confidence: 0.92186445
00:51:31.245 --> 00:51:32.225 is is higher,
NOTE Confidence: 0.9619532
00:51:33.579 --> 00:51:34.859 over time. And yet if
NOTE Confidence: 0.9619532
00:51:34.859 --> 00:51:36.859 we zoom in, specifically looking
NOTE Confidence: 0.9619532
00:51:36.859 --> 00:51:38.859 at psilocybin related poison control
NOTE Confidence: 0.9619532
00:51:38.859 --> 00:51:40.460 calls, we can see across
NOTE Confidence: 0.9619532
00:51:40.460 --> 00:51:41.980 different age ranges that does
NOTE Confidence: 0.9619532
00:51:41.980 --> 00:51:43.119 seem to be increasing.
NOTE Confidence: 0.9949713
00:51:43.739 --> 00:51:44.859 And this is not just
NOTE Confidence: 0.9949713
00:51:44.859 --> 00:51:46.319 our data, but this is,
NOTE Confidence: 0.98043483
00:51:47.125 --> 00:51:48.725 I'm sorry. One sec. When
NOTE Confidence: 0.98043483
00:51:48.725 --> 00:51:49.525 we go back and look
NOTE Confidence: 0.98043483

00:51:49.525 --> 00:51:51.125 at over ten years, there's
NOTE Confidence: 0.98043483

00:51:51.125 --> 00:51:52.245 very few deaths, but there
NOTE Confidence: 0.98043483

00:51:52.245 --> 00:51:53.605 are some people with major
NOTE Confidence: 0.98043483

00:51:53.605 --> 00:51:55.385 effects. So people with ongoing,
NOTE Confidence: 0.98043483

00:51:55.525 --> 00:51:57.385 you know, impairment or serious
NOTE Confidence: 0.98043483

00:51:57.445 --> 00:51:58.505 health risk
NOTE Confidence: 0.9259189

00:51:59.125 --> 00:52:00.165 are showing up at a
NOTE Confidence: 0.9259189

00:52:00.165 --> 00:52:01.560 small percent of of
NOTE Confidence: 0.93196034

00:52:01.960 --> 00:52:03.580 of psilocybin related calls,
NOTE Confidence: 0.9762163

00:52:03.960 --> 00:52:05.080 and sometimes they are getting
NOTE Confidence: 0.9762163

00:52:05.080 --> 00:52:06.140 admitted to institutions.
NOTE Confidence: 0.98372376

00:52:07.320 --> 00:52:08.760 This agrees with other data
NOTE Confidence: 0.98372376

00:52:08.760 --> 00:52:09.560 that have come out just
NOTE Confidence: 0.98372376

00:52:09.560 --> 00:52:11.239 within the last year, looking
NOTE Confidence: 0.98372376

00:52:11.239 --> 00:52:12.520 at EDs in,
NOTE Confidence: 0.9587834

00:52:12.920 --> 00:52:14.600 in California and another group

NOTE Confidence: 0.9587834
00:52:14.600 --> 00:52:16.385 that's looking at poison control
NOTE Confidence: 0.9587834
00:52:16.525 --> 00:52:17.425 falls nationally.
NOTE Confidence: 0.97701234
00:52:20.125 --> 00:52:21.405 I should end so we
NOTE Confidence: 0.97701234
00:52:21.405 --> 00:52:22.525 can so we can talk.
NOTE Confidence: 0.97701234
00:52:22.685 --> 00:52:23.885 But I'm I just wanna
NOTE Confidence: 0.97701234
00:52:23.885 --> 00:52:25.085 put one sort of thing
NOTE Confidence: 0.97701234
00:52:25.085 --> 00:52:25.965 out there, which is that,
NOTE Confidence: 0.97701234
00:52:26.285 --> 00:52:27.565 the last data we're collecting,
NOTE Confidence: 0.97701234
00:52:27.565 --> 00:52:28.770 this is, like, our most
NOTE Confidence: 0.97701234
00:52:28.930 --> 00:52:29.890 expensive and hard to do,
NOTE Confidence: 0.97701234
00:52:29.890 --> 00:52:31.330 but we're actually getting EHR
NOTE Confidence: 0.97701234
00:52:31.330 --> 00:52:32.610 data from three different health
NOTE Confidence: 0.97701234
00:52:32.610 --> 00:52:34.450 care centers in Oregon, and
NOTE Confidence: 0.97701234
00:52:34.450 --> 00:52:34.950 we're
NOTE Confidence: 0.9862064
00:52:35.250 --> 00:52:36.530 merging it together to try
NOTE Confidence: 0.9862064

00:52:36.530 --> 00:52:37.410 to get actually a close
NOTE Confidence: 0.9862064

00:52:37.410 --> 00:52:38.130 look at who are the
NOTE Confidence: 0.9862064

00:52:38.130 --> 00:52:39.910 people coming into the EDs.
NOTE Confidence: 0.7650322

00:52:40.290 --> 00:52:41.190 Actually getting
NOTE Confidence: 0.9599853

00:52:41.535 --> 00:52:43.214 semi identified data from other
NOTE Confidence: 0.9599853

00:52:43.214 --> 00:52:44.255 health systems so that we
NOTE Confidence: 0.9599853

00:52:44.255 --> 00:52:45.795 can combine them has been
NOTE Confidence: 0.9599853

00:52:45.855 --> 00:52:47.535 very laborious, and, it's gonna
NOTE Confidence: 0.9599853

00:52:48.094 --> 00:52:49.855 it's the subawards and everything.
NOTE Confidence: 0.9599853

00:52:49.855 --> 00:52:50.494 It's like a ton of
NOTE Confidence: 0.9599853

00:52:50.494 --> 00:52:51.855 work to manage, but I'm
NOTE Confidence: 0.9599853

00:52:51.855 --> 00:52:53.055 looking forward to having this
NOTE Confidence: 0.9599853

00:52:53.055 --> 00:52:54.094 someday so we can actually
NOTE Confidence: 0.9599853

00:52:54.094 --> 00:52:54.594 see
NOTE Confidence: 0.9871247

00:52:55.290 --> 00:52:57.370 demographic, medical history profiles, what
NOTE Confidence: 0.9871247

00:52:57.370 --> 00:52:58.810 actually puts people at risk

NOTE Confidence: 0.9871247
00:52:58.810 --> 00:53:00.830 potentially for having ED visits
NOTE Confidence: 0.9871247
00:53:00.969 --> 00:53:02.030 related to psychedelics.
NOTE Confidence: 0.98181266
00:53:02.890 --> 00:53:03.390 And,
NOTE Confidence: 0.9943822
00:53:04.250 --> 00:53:05.370 we really should I'm not
NOTE Confidence: 0.9943822
00:53:05.370 --> 00:53:06.730 gonna get into the details,
NOTE Confidence: 0.9943822
00:53:06.730 --> 00:53:07.770 but I just wanna wrap
NOTE Confidence: 0.9943822
00:53:07.770 --> 00:53:08.670 up and say
NOTE Confidence: 0.895876
00:53:09.705 --> 00:53:10.585 it's just sort of big
NOTE Confidence: 0.895876
00:53:10.585 --> 00:53:11.085 picture.
NOTE Confidence: 0.9690103
00:53:11.545 --> 00:53:12.425 Some people might say this
NOTE Confidence: 0.9690103
00:53:12.425 --> 00:53:13.305 is kind of like an
NOTE Confidence: 0.9690103
00:53:13.305 --> 00:53:14.585 early version of phase four
NOTE Confidence: 0.9690103
00:53:14.585 --> 00:53:15.705 data. We can see what
NOTE Confidence: 0.9690103
00:53:15.705 --> 00:53:16.745 what happens in more sort
NOTE Confidence: 0.9690103
00:53:16.745 --> 00:53:18.185 of community use before the
NOTE Confidence: 0.9690103

00:53:18.185 --> 00:53:20.364 FDA even approves anything. But
NOTE Confidence: 0.97348994

00:53:20.825 --> 00:53:21.785 another way to think about
NOTE Confidence: 0.97348994

00:53:21.785 --> 00:53:22.825 it is we're just catching
NOTE Confidence: 0.97348994

00:53:22.825 --> 00:53:23.885 up with what the communities
NOTE Confidence: 0.97348994

00:53:23.945 --> 00:53:24.905 have been doing and their
NOTE Confidence: 0.97348994

00:53:24.905 --> 00:53:26.730 own sort of expertise and
NOTE Confidence: 0.97348994

00:53:26.730 --> 00:53:28.170 innovation is something we can
NOTE Confidence: 0.97348994

00:53:28.170 --> 00:53:29.070 we can study.
NOTE Confidence: 0.97100544

00:53:29.770 --> 00:53:30.890 I find the mixed method
NOTE Confidence: 0.97100544

00:53:30.890 --> 00:53:32.170 approach very helpful in sort
NOTE Confidence: 0.97100544

00:53:32.170 --> 00:53:33.530 of coming up with initial
NOTE Confidence: 0.97100544

00:53:33.530 --> 00:53:35.290 descriptions of safety practices, but
NOTE Confidence: 0.97100544

00:53:35.290 --> 00:53:37.050 also really sort of serious
NOTE Confidence: 0.97100544

00:53:37.050 --> 00:53:38.715 adverse events that if we
NOTE Confidence: 0.97100544

00:53:38.795 --> 00:53:40.395 build partnerships with communities, they
NOTE Confidence: 0.97100544

00:53:40.395 --> 00:53:41.275 might talk to us about.

NOTE Confidence: 0.97100544
00:53:41.275 --> 00:53:42.155 These would be things we
NOTE Confidence: 0.97100544
00:53:42.155 --> 00:53:43.435 might wanna know before we're
NOTE Confidence: 0.97100544
00:53:43.435 --> 00:53:44.975 dosing people in medical settings.
NOTE Confidence: 0.9807923
00:53:46.315 --> 00:53:47.594 But in the community engagement
NOTE Confidence: 0.9807923
00:53:47.594 --> 00:53:48.635 and the collaboration part is
NOTE Confidence: 0.9807923
00:53:48.635 --> 00:53:49.435 what is making all of
NOTE Confidence: 0.9807923
00:53:49.435 --> 00:53:51.275 this work. Unfortunately, we've had
NOTE Confidence: 0.9807923
00:53:51.275 --> 00:53:51.935 some delays,
NOTE Confidence: 0.96386015
00:53:52.489 --> 00:53:53.690 but we're still working on
NOTE Confidence: 0.96386015
00:53:53.690 --> 00:53:54.969 this contract. And I'm looking
NOTE Confidence: 0.96386015
00:53:54.969 --> 00:53:56.329 forward to having not just
NOTE Confidence: 0.96386015
00:53:56.329 --> 00:53:57.369 pilot data and the sort
NOTE Confidence: 0.96386015
00:53:57.369 --> 00:53:59.210 of initial epi data that
NOTE Confidence: 0.96386015
00:53:59.210 --> 00:54:00.589 we can talk about later.
NOTE Confidence: 0.9803652
00:54:01.289 --> 00:54:02.190 And I'll stop.
NOTE Confidence: 0.52251095

00:54:10.125 --> 00:54:10.625 Questions?
NOTE Confidence: 0.94486976

00:54:12.844 --> 00:54:13.344 Both,
NOTE Confidence: 0.96255434

00:54:13.884 --> 00:54:15.664 in the room or online.
NOTE Confidence: 0.8222747

00:54:21.739 --> 00:54:22.860 Just gonna say more of
NOTE Confidence: 0.8222747

00:54:22.860 --> 00:54:23.820 the statement if you're ever
NOTE Confidence: 0.8222747

00:54:23.820 --> 00:54:24.780 interested in talking to the
NOTE Confidence: 0.8222747

00:54:24.780 --> 00:54:25.840 foster care community
NOTE Confidence: 0.90825474

00:54:26.460 --> 00:54:27.900 about their use. They're wide
NOTE Confidence: 0.90825474

00:54:27.900 --> 00:54:29.660 open. Very happy to talk
NOTE Confidence: 0.90825474

00:54:29.660 --> 00:54:31.100 about what they've been doing
NOTE Confidence: 0.90825474

00:54:31.100 --> 00:54:32.480 for the past thirty years.
NOTE Confidence: 0.90825474

00:54:32.700 --> 00:54:33.200 So,
NOTE Confidence: 0.86279154

00:54:34.235 --> 00:54:35.114 we have to offer this
NOTE Confidence: 0.86279154

00:54:35.114 --> 00:54:36.015 project, but
NOTE Confidence: 0.77759486

00:54:36.395 --> 00:54:37.135 we're we're.
NOTE Confidence: 0.97971684

00:54:38.795 --> 00:54:39.755 So I don't know if

NOTE Confidence: 0.97971684
00:54:39.755 --> 00:54:40.875 folks on Zoom can hear
NOTE Confidence: 0.97971684
00:54:40.875 --> 00:54:42.155 that, but doctor Schindler was
NOTE Confidence: 0.97971684
00:54:42.155 --> 00:54:44.155 recommending cluster busters or a
NOTE Confidence: 0.97971684
00:54:44.155 --> 00:54:46.015 rich source of patient reported
NOTE Confidence: 0.97971684
00:54:46.075 --> 00:54:47.855 outcomes from their own use.
NOTE Confidence: 0.9591106
00:54:48.560 --> 00:54:49.460 Both, efficacy
NOTE Confidence: 0.96742415
00:54:50.080 --> 00:54:51.219 and also safety.
NOTE Confidence: 0.9400304
00:54:54.080 --> 00:54:55.200 We are talk talking about
NOTE Confidence: 0.9400304
00:54:55.200 --> 00:54:56.100 that. Yeah.
NOTE Confidence: 0.8214216
00:54:57.119 --> 00:54:57.619 Yep.
NOTE Confidence: 0.873195
00:54:59.280 --> 00:55:00.480 Try to think about the
NOTE Confidence: 0.873195
00:55:00.480 --> 00:55:00.980 validity
NOTE Confidence: 0.97170395
00:55:01.280 --> 00:55:02.555 of data collected
NOTE Confidence: 0.8863474
00:55:02.855 --> 00:55:05.094 through the changes because there
NOTE Confidence: 0.8863474
00:55:05.094 --> 00:55:07.175 is some community protective that
NOTE Confidence: 0.8863474

00:55:07.175 --> 00:55:08.535 they might will not be
NOTE Confidence: 0.8863474

00:55:08.535 --> 00:55:10.454 willing to disclose really adverse
NOTE Confidence: 0.8863474

00:55:10.454 --> 00:55:12.474 event. But they're self protective
NOTE Confidence: 0.8863474

00:55:12.695 --> 00:55:13.435 of the ceremony.
NOTE Confidence: 0.99674356

00:55:15.190 --> 00:55:15.850 And why
NOTE Confidence: 0.8733387

00:55:16.230 --> 00:55:17.370 should I discourage
NOTE Confidence: 0.58321506

00:55:17.670 --> 00:55:18.969 people that will
NOTE Confidence: 0.91671634

00:55:19.270 --> 00:55:19.770 be
NOTE Confidence: 0.61058176

00:55:20.469 --> 00:55:23.430 I'm really tremendous to to
NOTE Confidence: 0.61058176

00:55:23.430 --> 00:55:25.910 person that Yeah. Starting to
NOTE Confidence: 0.61058176

00:55:26.150 --> 00:55:26.650 Totally.
NOTE Confidence: 0.97340775

00:55:27.875 --> 00:55:28.375 So
NOTE Confidence: 0.9777099

00:55:29.155 --> 00:55:30.035 when we sit down with
NOTE Confidence: 0.9777099

00:55:30.035 --> 00:55:31.714 people in an interview, sometimes
NOTE Confidence: 0.9777099

00:55:31.714 --> 00:55:32.674 we do these over Zoom
NOTE Confidence: 0.9777099

00:55:32.674 --> 00:55:33.494 or in person,

NOTE Confidence: 0.9653329

00:55:33.795 --> 00:55:35.234 I feel like they don't

NOTE Confidence: 0.9653329

00:55:35.234 --> 00:55:36.674 bring up things that when

NOTE Confidence: 0.9653329

00:55:36.674 --> 00:55:37.795 we're having lunch with them

NOTE Confidence: 0.9653329

00:55:37.795 --> 00:55:38.994 later during the site visit,

NOTE Confidence: 0.9653329

00:55:38.994 --> 00:55:40.035 they start talking about it.

NOTE Confidence: 0.9653329

00:55:40.035 --> 00:55:40.755 And that's for me is

NOTE Confidence: 0.9653329

00:55:40.755 --> 00:55:41.974 the power of the ethnographic

NOTE Confidence: 0.9653329

00:55:42.114 --> 00:55:43.290 method is you just build

NOTE Confidence: 0.9653329

00:55:43.290 --> 00:55:44.890 relationships and people engage with

NOTE Confidence: 0.9653329

00:55:44.890 --> 00:55:46.510 you differently as an investigator.

NOTE Confidence: 0.99837875

00:55:47.210 --> 00:55:48.590 People also talk to us

NOTE Confidence: 0.99837875

00:55:48.650 --> 00:55:49.469 way differently

NOTE Confidence: 0.97172016

00:55:50.090 --> 00:55:51.850 after I would go and

NOTE Confidence: 0.97172016

00:55:51.850 --> 00:55:52.890 be in a ceremony with

NOTE Confidence: 0.97172016

00:55:52.890 --> 00:55:54.855 them. They would open up

NOTE Confidence: 0.97172016

00:55:54.935 --> 00:55:55.895 and engage and even be
NOTE Confidence: 0.97172016

00:55:55.895 --> 00:55:57.094 open to interviews. So part
NOTE Confidence: 0.97172016

00:55:57.094 --> 00:55:57.975 of it is building the
NOTE Confidence: 0.97172016

00:55:57.975 --> 00:55:58.475 relationship.
NOTE Confidence: 0.9694973

00:55:59.094 --> 00:56:00.614 And, interestingly, going back to
NOTE Confidence: 0.9694973

00:56:00.614 --> 00:56:01.895 the comment of a number
NOTE Confidence: 0.9694973

00:56:01.895 --> 00:56:02.935 of them are concerned about
NOTE Confidence: 0.9694973

00:56:02.935 --> 00:56:04.135 what we're doing in medical
NOTE Confidence: 0.9694973

00:56:04.135 --> 00:56:04.635 spaces,
NOTE Confidence: 0.9985749

00:56:04.935 --> 00:56:06.075 that's actually incentivizing
NOTE Confidence: 0.9846582

00:56:06.375 --> 00:56:07.655 some of them to actually
NOTE Confidence: 0.9846582

00:56:07.655 --> 00:56:08.890 talk. They feel like there's
NOTE Confidence: 0.9846582

00:56:08.890 --> 00:56:10.590 more acceptance. There's less stigma.
NOTE Confidence: 0.9846582

00:56:10.890 --> 00:56:12.250 They have expertise. They wanna
NOTE Confidence: 0.9846582

00:56:12.250 --> 00:56:13.450 share with people about safety,
NOTE Confidence: 0.9846582

00:56:13.450 --> 00:56:14.410 and they're concerned that we're

NOTE Confidence: 0.9846582
00:56:14.410 --> 00:56:15.770 gonna hurt people. So they
NOTE Confidence: 0.9846582
00:56:15.770 --> 00:56:17.050 wanna teach us about how
NOTE Confidence: 0.9846582
00:56:17.050 --> 00:56:18.410 not to hurt people. And
NOTE Confidence: 0.9846582
00:56:18.410 --> 00:56:19.610 they state that as a
NOTE Confidence: 0.9846582
00:56:19.610 --> 00:56:21.450 motivation for even sharing some
NOTE Confidence: 0.9846582
00:56:21.450 --> 00:56:22.670 things that they have seen.
NOTE Confidence: 0.9962681
00:56:23.475 --> 00:56:24.915 It's not absolute, but I
NOTE Confidence: 0.9962681
00:56:24.915 --> 00:56:25.955 find it as an interesting
NOTE Confidence: 0.9962681
00:56:25.955 --> 00:56:27.075 sort of dialogue we can
NOTE Confidence: 0.9962681
00:56:27.075 --> 00:56:28.215 we can have with them.
NOTE Confidence: 0.99602115
00:56:28.675 --> 00:56:29.795 For the people online who
NOTE Confidence: 0.99602115
00:56:29.795 --> 00:56:30.855 didn't hear the question,
NOTE Confidence: 0.999026
00:56:31.315 --> 00:56:32.615 it was about the reliability
NOTE Confidence: 0.999026
00:56:32.755 --> 00:56:33.735 of self reported
NOTE Confidence: 0.98857564
00:56:34.035 --> 00:56:36.275 adverse events in these other
NOTE Confidence: 0.98857564

00:56:36.275 --> 00:56:36.775 settings,
NOTE Confidence: 0.98166037
00:56:37.590 --> 00:56:38.550 where there might be an
NOTE Confidence: 0.98166037
00:56:38.550 --> 00:56:39.690 incentive to,
NOTE Confidence: 0.95554006
00:56:41.750 --> 00:56:42.570 not disclose,
NOTE Confidence: 0.9996673
00:56:43.270 --> 00:56:43.770 some
NOTE Confidence: 0.9840151
00:56:45.030 --> 00:56:45.530 experiences.
NOTE Confidence: 0.994398
00:56:45.830 --> 00:56:46.330 Yeah.
NOTE Confidence: 0.93980217
00:56:47.910 --> 00:56:49.030 But, again, I'm just following
NOTE Confidence: 0.93980217
00:56:49.030 --> 00:56:50.250 up on it. I mean,
NOTE Confidence: 0.91689855
00:56:50.885 --> 00:56:52.165 even with what they're telling
NOTE Confidence: 0.91689855
00:56:52.165 --> 00:56:52.905 me, what's
NOTE Confidence: 0.93824995
00:56:54.325 --> 00:56:56.825 the credibility of this? Mhmm.
NOTE Confidence: 0.93824995
00:56:56.885 --> 00:56:58.425 They're it seems like they're
NOTE Confidence: 0.93824995
00:56:58.484 --> 00:57:00.165 highly motivated to keep doing
NOTE Confidence: 0.93824995
00:57:00.165 --> 00:57:01.285 this. Mhmm.
NOTE Confidence: 0.99180526
00:57:01.844 --> 00:57:02.984 They don't want

NOTE Confidence: 0.95074654
00:57:03.719 --> 00:57:05.160 negative perceptions. I mean, I've
NOTE Confidence: 0.95074654
00:57:05.160 --> 00:57:06.600 seen this with all types
NOTE Confidence: 0.95074654
00:57:06.600 --> 00:57:07.800 of work. It's not just
NOTE Confidence: 0.95074654
00:57:07.800 --> 00:57:08.300 this.
NOTE Confidence: 0.9466686
00:57:09.320 --> 00:57:10.680 If there's nobody really checking
NOTE Confidence: 0.9466686
00:57:10.680 --> 00:57:11.960 it, like a clinical trial,
NOTE Confidence: 0.9466686
00:57:11.960 --> 00:57:12.920 you know, it doesn't matter
NOTE Confidence: 0.9466686
00:57:12.920 --> 00:57:14.600 what somebody's looking over your
NOTE Confidence: 0.9466686
00:57:14.600 --> 00:57:15.100 shoulder.
NOTE Confidence: 0.7907341
00:57:17.615 --> 00:57:18.895 How do how credible do
NOTE Confidence: 0.7907341
00:57:18.895 --> 00:57:20.335 you the movie that actually
NOTE Confidence: 0.7907341
00:57:20.335 --> 00:57:21.214 is? I mean, you said
NOTE Confidence: 0.7907341
00:57:21.214 --> 00:57:22.575 it sometimes, so say one
NOTE Confidence: 0.7907341
00:57:22.575 --> 00:57:23.295 thing at a time or
NOTE Confidence: 0.7907341
00:57:23.295 --> 00:57:24.255 another. But, you know, I
NOTE Confidence: 0.7907341

00:57:24.255 --> 00:57:25.454 mean, it is the nice
NOTE Confidence: 0.7907341

00:57:25.454 --> 00:57:26.575 part of doing it in
NOTE Confidence: 0.7907341

00:57:26.575 --> 00:57:27.694 the field because you're getting
NOTE Confidence: 0.7907341

00:57:27.694 --> 00:57:28.595 the real sense.
NOTE Confidence: 0.42755336

00:57:29.055 --> 00:57:29.555 How
NOTE Confidence: 0.82414424

00:57:30.130 --> 00:57:31.570 to, you know, to follow-up
NOTE Confidence: 0.82414424

00:57:31.570 --> 00:57:32.690 says how credible you think
NOTE Confidence: 0.82414424

00:57:32.690 --> 00:57:33.730 it is. And the people
NOTE Confidence: 0.82414424

00:57:33.730 --> 00:57:34.690 that haven't had a good
NOTE Confidence: 0.82414424

00:57:34.690 --> 00:57:35.190 result,
NOTE Confidence: 0.998595

00:57:35.970 --> 00:57:37.109 how willing are they
NOTE Confidence: 0.90786856

00:57:37.650 --> 00:57:38.609 to talk and how
NOTE Confidence: 0.9497954

00:57:39.330 --> 00:57:40.410 what access do you have
NOTE Confidence: 0.9497954

00:57:40.410 --> 00:57:41.590 to them? Yeah.
NOTE Confidence: 0.8301376

00:57:41.970 --> 00:57:42.369 So,
NOTE Confidence: 0.99870896

00:57:44.055 --> 00:57:44.555 we

NOTE Confidence: 0.97193193
00:57:45.015 --> 00:57:46.375 what's helpful is that a
NOTE Confidence: 0.97193193
00:57:46.375 --> 00:57:48.535 few of our community advisory
NOTE Confidence: 0.97193193
00:57:48.535 --> 00:57:49.734 board members who serve as
NOTE Confidence: 0.97193193
00:57:49.734 --> 00:57:51.195 the liaisons with the communities,
NOTE Confidence: 0.97193193
00:57:51.335 --> 00:57:52.635 a couple of them have
NOTE Confidence: 0.97697896
00:57:53.015 --> 00:57:54.075 health care licensure.
NOTE Confidence: 0.98264486
00:57:54.775 --> 00:57:56.055 So they are in both
NOTE Confidence: 0.98264486
00:57:56.055 --> 00:57:57.255 worlds, and it's been helpful
NOTE Confidence: 0.98264486
00:57:57.255 --> 00:57:57.974 to talk to them about
NOTE Confidence: 0.98264486
00:57:57.974 --> 00:57:59.435 how this information is important.
NOTE Confidence: 0.98264486
00:57:59.710 --> 00:58:00.830 And they understand that, and
NOTE Confidence: 0.98264486
00:58:00.830 --> 00:58:02.510 they want us to hear
NOTE Confidence: 0.98264486
00:58:02.510 --> 00:58:03.810 about things that that happen.
NOTE Confidence: 0.97470504
00:58:04.670 --> 00:58:05.870 So we have to find
NOTE Confidence: 0.97470504
00:58:05.870 --> 00:58:06.830 the right partners to do
NOTE Confidence: 0.97470504

00:58:06.830 --> 00:58:07.550 the work in the first
NOTE Confidence: 0.97470504
00:58:07.550 --> 00:58:08.050 place.
NOTE Confidence: 0.99502826
00:58:09.710 --> 00:58:10.910 Another part of it is
NOTE Confidence: 0.99502826
00:58:10.910 --> 00:58:11.410 that
NOTE Confidence: 0.9779983
00:58:11.765 --> 00:58:13.045 there's obviously gonna be things
NOTE Confidence: 0.9779983
00:58:13.045 --> 00:58:13.845 that they're just not gonna
NOTE Confidence: 0.9779983
00:58:13.845 --> 00:58:14.885 tell us. And so we
NOTE Confidence: 0.9779983
00:58:14.885 --> 00:58:16.025 won't be able to conclude
NOTE Confidence: 0.9779983
00:58:16.245 --> 00:58:18.165 anything, again, absolute about what
NOTE Confidence: 0.9779983
00:58:18.165 --> 00:58:19.465 is or is not happening.
NOTE Confidence: 0.99911946
00:58:20.565 --> 00:58:22.005 I really see this work
NOTE Confidence: 0.99911946
00:58:22.005 --> 00:58:23.465 as as an initial
NOTE Confidence: 0.98397243
00:58:24.005 --> 00:58:25.865 step in what could become
NOTE Confidence: 0.99969035
00:58:26.340 --> 00:58:27.960 a collaborative form
NOTE Confidence: 0.9812104
00:58:28.340 --> 00:58:29.780 of surveillance that if if
NOTE Confidence: 0.9812104
00:58:29.780 --> 00:58:31.240 this does open up more,

NOTE Confidence: 0.9994022

00:58:31.700 --> 00:58:32.920 we will learn things.

NOTE Confidence: 0.9909295

00:58:33.300 --> 00:58:34.500 One of our respondents who

NOTE Confidence: 0.9909295

00:58:34.500 --> 00:58:35.640 told us about a

NOTE Confidence: 0.99780244

00:58:36.260 --> 00:58:38.280 traumatic brain injury that they

NOTE Confidence: 0.99780244

00:58:38.420 --> 00:58:38.920 experienced

NOTE Confidence: 0.97497576

00:58:40.125 --> 00:58:41.565 during and right after a

NOTE Confidence: 0.97497576

00:58:41.565 --> 00:58:42.845 ceremony that they thought was

NOTE Confidence: 0.97497576

00:58:42.845 --> 00:58:44.285 actually very much related. Like,

NOTE Confidence: 0.97497576

00:58:44.285 --> 00:58:45.665 I I believe them,

NOTE Confidence: 0.96330047

00:58:45.965 --> 00:58:47.645 and not everyone will probably

NOTE Confidence: 0.96330047

00:58:47.645 --> 00:58:48.925 talk to us about about

NOTE Confidence: 0.96330047

00:58:48.925 --> 00:58:50.685 that. But when the when

NOTE Confidence: 0.96330047

00:58:50.685 --> 00:58:51.725 that does come up and

NOTE Confidence: 0.96330047

00:58:51.725 --> 00:58:52.685 we can use this as

NOTE Confidence: 0.96330047

00:58:52.685 --> 00:58:53.160 an exercise

NOTE Confidence: 0.8474953

00:58:54.280 --> 00:58:56.039 to demonstrate to these communities

NOTE Confidence: 0.8474953

00:58:56.039 --> 00:58:57.055 that we can take them

NOTE Confidence: 0.8474953

00:58:57.055 --> 00:58:57.793 seriously, I think dialogue like

NOTE Confidence: 0.8474953

00:58:57.793 --> 00:58:58.532 that will be better in

NOTE Confidence: 0.8474953

00:58:58.532 --> 00:58:59.180 the future.

NOTE Confidence: 0.8767912

00:58:59.559 --> 00:59:00.280 So I think there's, like,

NOTE Confidence: 0.8767912

00:59:00.280 --> 00:59:01.819 a there's a functional reason

NOTE Confidence: 0.8767912

00:59:01.880 --> 00:59:02.461 to engage in this way.

NOTE Confidence: 0.8767912

00:59:02.494 --> 00:59:02.663 And we also know that

NOTE Confidence: 0.8767912

00:59:02.663 --> 00:59:02.831 in some clinical trials, some

NOTE Confidence: 0.8767912

00:59:02.831 --> 00:59:03.000 things don't get reported either.

NOTE Confidence: 0.8767912

00:59:03.000 --> 00:59:03.500 And

NOTE Confidence: 0.8844604

00:59:05.720 --> 00:59:06.444 so we also know that

NOTE Confidence: 0.8844604

00:59:06.444 --> 00:59:07.964 in some clinical trials, some

NOTE Confidence: 0.8844604

00:59:07.964 --> 00:59:09.405 things don't get reported either.

NOTE Confidence: 0.8844604

00:59:09.405 --> 00:59:10.845 And so it's not That's

NOTE Confidence: 0.8844604
00:59:10.845 --> 00:59:12.444 because of the cult culture
NOTE Confidence: 0.8844604
00:59:12.444 --> 00:59:13.825 that is different around
NOTE Confidence: 0.95022184
00:59:14.125 --> 00:59:16.125 that. Well, there's there's there's
NOTE Confidence: 0.95022184
00:59:16.125 --> 00:59:16.944 lots of incentives,
NOTE Confidence: 0.998709
00:59:17.565 --> 00:59:18.765 but when there's there's no
NOTE Confidence: 0.998709
00:59:18.765 --> 00:59:19.505 one checking
NOTE Confidence: 0.999685
00:59:20.000 --> 00:59:21.380 when there's no one checking
NOTE Confidence: 0.9583331
00:59:22.160 --> 00:59:23.599 and and there's no state
NOTE Confidence: 0.9583331
00:59:23.599 --> 00:59:25.619 authority that gives you permission
NOTE Confidence: 0.9583331
00:59:25.680 --> 00:59:26.579 to be a church,
NOTE Confidence: 0.9947497
00:59:27.040 --> 00:59:28.079 the only churches that have
NOTE Confidence: 0.9947497
00:59:28.079 --> 00:59:28.819 those registrations
NOTE Confidence: 0.8977414
00:59:29.119 --> 00:59:29.940 sued the government,
NOTE Confidence: 0.9770414
00:59:30.240 --> 00:59:31.599 and then we're allowed to
NOTE Confidence: 0.9770414
00:59:31.599 --> 00:59:32.865 get it. But there's not
NOTE Confidence: 0.9770414

00:59:32.865 --> 00:59:33.665 like there's a lot of
NOTE Confidence: 0.9770414

00:59:33.665 --> 00:59:35.425 these out there, and and
NOTE Confidence: 0.9770414

00:59:35.425 --> 00:59:36.225 we're really just trying to
NOTE Confidence: 0.9770414

00:59:36.225 --> 00:59:37.025 build a bridge to have
NOTE Confidence: 0.9770414

00:59:37.025 --> 00:59:38.645 that communication to start with.
NOTE Confidence: 0.76899993

00:59:40.865 --> 00:59:42.245 We had a slide where,
NOTE Confidence: 0.9451941

00:59:43.025 --> 00:59:44.465 where the term harm reduction
NOTE Confidence: 0.9451941

00:59:44.465 --> 00:59:46.030 didn't quite ring with the
NOTE Confidence: 0.9451941

00:59:46.030 --> 00:59:47.470 churches because for them, this
NOTE Confidence: 0.9451941

00:59:47.470 --> 00:59:48.770 is part of the experience.
NOTE Confidence: 0.9451941

00:59:49.069 --> 00:59:50.369 What are your thoughts about
NOTE Confidence: 0.9451941

00:59:50.510 --> 00:59:52.109 the fact that adverse that
NOTE Confidence: 0.9451941

00:59:52.109 --> 00:59:53.150 you have to report things
NOTE Confidence: 0.9451941

00:59:53.150 --> 00:59:54.670 like, you know, things that
NOTE Confidence: 0.9451941

00:59:54.670 --> 00:59:55.710 are normal when you have
NOTE Confidence: 0.9451941

00:59:55.710 --> 00:59:57.869 a psychedelic experience, like, you

NOTE Confidence: 0.9451941
00:59:57.869 --> 00:59:59.710 know, even mild anxiety. Well,
NOTE Confidence: 0.9451941
00:59:59.710 --> 01:00:00.530 obviously, that
NOTE Confidence: 0.9022018
01:00:00.885 --> 01:00:02.165 is a adverse event, but
NOTE Confidence: 0.9022018
01:00:02.165 --> 01:00:03.445 even things like changes in
NOTE Confidence: 0.9022018
01:00:03.445 --> 01:00:05.365 your in your perception, like
NOTE Confidence: 0.9022018
01:00:05.365 --> 01:00:07.205 the colors melting or whatever.
NOTE Confidence: 0.9022018
01:00:07.205 --> 01:00:07.685 Mhmm.
NOTE Confidence: 0.9536085
01:00:08.005 --> 01:00:09.365 That's kind of a different
NOTE Confidence: 0.9536085
01:00:09.365 --> 01:00:10.805 topic. But some of us
NOTE Confidence: 0.9536085
01:00:10.805 --> 01:00:12.085 would would would consider that
NOTE Confidence: 0.9536085
01:00:12.085 --> 01:00:13.285 adverse event. Some say that's
NOTE Confidence: 0.9536085
01:00:13.285 --> 01:00:14.325 just what happens when you
NOTE Confidence: 0.9536085
01:00:14.325 --> 01:00:15.685 take a psychedelic, and that
NOTE Confidence: 0.9536085
01:00:15.685 --> 01:00:17.180 could even go all the
NOTE Confidence: 0.9536085
01:00:17.180 --> 01:00:17.740 way up to kind of
NOTE Confidence: 0.9536085

01:00:17.740 --> 01:00:19.500 a challenging experience if that's
NOTE Confidence: 0.9536085

01:00:19.500 --> 01:00:20.560 if that's therapeutic.
NOTE Confidence: 0.8791997

01:00:21.260 --> 01:00:22.780 So the definition of adverse
NOTE Confidence: 0.8791997

01:00:22.780 --> 01:00:24.700 event can like, where someone
NOTE Confidence: 0.8791997

01:00:24.700 --> 01:00:25.660 draws the line can be
NOTE Confidence: 0.8791997

01:00:25.660 --> 01:00:27.020 quite different. So the churches
NOTE Confidence: 0.8791997

01:00:27.020 --> 01:00:27.900 might have the the line
NOTE Confidence: 0.8791997

01:00:27.900 --> 01:00:28.860 way over here, whereas, like,
NOTE Confidence: 0.8791997

01:00:28.860 --> 01:00:30.240 the FDA has the line
NOTE Confidence: 0.9144499

01:00:30.540 --> 01:00:32.035 way back here. I guess,
NOTE Confidence: 0.9144499

01:00:32.595 --> 01:00:33.635 what are your thoughts on
NOTE Confidence: 0.9144499

01:00:33.635 --> 01:00:34.135 that
NOTE Confidence: 0.9706225

01:00:34.675 --> 01:00:35.795 general? I mean, we had
NOTE Confidence: 0.9706225

01:00:35.795 --> 01:00:36.835 a this is one of
NOTE Confidence: 0.9706225

01:00:36.835 --> 01:00:37.715 the reasons I like working
NOTE Confidence: 0.9706225

01:00:37.715 --> 01:00:39.555 with the community advisory board.

NOTE Confidence: 0.9706225
01:00:39.555 --> 01:00:41.575 We specifically talked about terminology
NOTE Confidence: 0.9706225
01:00:41.795 --> 01:00:42.915 to use in the interviews
NOTE Confidence: 0.9706225
01:00:42.915 --> 01:00:44.710 with people about, yeah,
NOTE Confidence: 0.9661083
01:00:45.329 --> 01:00:45.730 a,
NOTE Confidence: 0.86451423
01:00:46.450 --> 01:00:46.950 unexpected,
NOTE Confidence: 0.9658952
01:00:47.809 --> 01:00:49.250 serious, like, how can we,
NOTE Confidence: 0.9658952
01:00:49.250 --> 01:00:50.930 like, elicit people to talk
NOTE Confidence: 0.9658952
01:00:50.930 --> 01:00:52.130 about these things? I mean,
NOTE Confidence: 0.9658952
01:00:52.130 --> 01:00:53.190 we come down to
NOTE Confidence: 0.9760091
01:00:53.490 --> 01:00:54.849 just descriptions of, like, does
NOTE Confidence: 0.9760091
01:00:54.849 --> 01:00:55.890 it does it make you
NOTE Confidence: 0.9760091
01:00:55.890 --> 01:00:56.849 not be able to do
NOTE Confidence: 0.9760091
01:00:57.009 --> 01:00:58.185 go to work and, like,
NOTE Confidence: 0.9760091
01:00:58.185 --> 01:00:59.465 do things with your family
NOTE Confidence: 0.9760091
01:00:59.465 --> 01:01:01.065 or attend church? And, like,
NOTE Confidence: 0.9760091

01:01:01.065 --> 01:01:02.585 people get that. You know?
NOTE Confidence: 0.9760091

01:01:02.585 --> 01:01:03.945 Or were you hospitalized? Like,
NOTE Confidence: 0.9760091

01:01:03.945 --> 01:01:05.145 it's, like, a very concrete
NOTE Confidence: 0.9760091

01:01:05.145 --> 01:01:06.745 thing regardless of whether or
NOTE Confidence: 0.9760091

01:01:06.745 --> 01:01:07.545 not you said it was
NOTE Confidence: 0.9760091

01:01:07.545 --> 01:01:08.745 good for you. Again, one
NOTE Confidence: 0.9760091

01:01:08.745 --> 01:01:10.665 of our respondents who reported
NOTE Confidence: 0.9760091

01:01:10.665 --> 01:01:11.405 having this
NOTE Confidence: 0.9889928

01:01:11.799 --> 01:01:12.859 neurologic injury,
NOTE Confidence: 0.9983948

01:01:13.400 --> 01:01:14.779 related to being in ceremony
NOTE Confidence: 0.9677208

01:01:15.400 --> 01:01:16.680 also said it was one
NOTE Confidence: 0.9677208

01:01:16.680 --> 01:01:17.960 of the best things that
NOTE Confidence: 0.9677208

01:01:17.960 --> 01:01:19.400 happened for me because after
NOTE Confidence: 0.9677208

01:01:19.400 --> 01:01:21.019 that, I changed my career.
NOTE Confidence: 0.970259

01:01:21.480 --> 01:01:22.920 My life was less stressful,
NOTE Confidence: 0.970259

01:01:22.920 --> 01:01:23.640 and I'm in a much

NOTE Confidence: 0.970259
01:01:23.640 --> 01:01:24.460 better place.
NOTE Confidence: 0.98334605
01:01:24.839 --> 01:01:26.039 Okay. But they also, you
NOTE Confidence: 0.98334605
01:01:26.039 --> 01:01:27.045 know, had went through a
NOTE Confidence: 0.98334605
01:01:27.285 --> 01:01:29.365 serious medical condition, could have
NOTE Confidence: 0.98334605
01:01:29.365 --> 01:01:31.204 died. They're aware of that.
NOTE Confidence: 0.98334605
01:01:31.204 --> 01:01:31.525 But we're
NOTE Confidence: 0.976091
01:01:32.645 --> 01:01:34.005 I also hear that as
NOTE Confidence: 0.976091
01:01:34.005 --> 01:01:35.125 if we're gonna talk to
NOTE Confidence: 0.976091
01:01:35.125 --> 01:01:36.325 people and we wanna engage
NOTE Confidence: 0.976091
01:01:36.325 --> 01:01:37.865 on public health or interventions
NOTE Confidence: 0.976091
01:01:38.005 --> 01:01:39.125 to reduce risk, we have
NOTE Confidence: 0.976091
01:01:39.125 --> 01:01:40.405 to understand their perspective they're
NOTE Confidence: 0.976091
01:01:40.405 --> 01:01:41.510 coming from. And if we
NOTE Confidence: 0.976091
01:01:41.510 --> 01:01:42.150 just go in and say
NOTE Confidence: 0.976091
01:01:42.150 --> 01:01:42.869 we need to reduce the
NOTE Confidence: 0.976091

01:01:42.869 --> 01:01:43.829 harm of your practice, they're
NOTE Confidence: 0.976091

01:01:43.829 --> 01:01:45.130 not gonna talk with us.
NOTE Confidence: 0.976091

01:01:45.270 --> 01:01:46.230 So it's part of it's
NOTE Confidence: 0.976091

01:01:46.230 --> 01:01:48.230 building that communication about how
NOTE Confidence: 0.976091

01:01:48.230 --> 01:01:49.609 to even discuss these things.
NOTE Confidence: 0.93866456

01:01:53.270 --> 01:01:53.770 Yeah.
NOTE Confidence: 0.8568551

01:01:57.375 --> 01:01:59.215 Just how how can we
NOTE Confidence: 0.8568551

01:01:59.215 --> 01:02:01.215 approach tracking this and finding
NOTE Confidence: 0.8568551

01:02:01.215 --> 01:02:02.335 out the adverse event profiles,
NOTE Confidence: 0.8568551

01:02:02.335 --> 01:02:03.075 but really
NOTE Confidence: 0.9691041

01:02:03.455 --> 01:02:04.895 coming to understand what we
NOTE Confidence: 0.9691041

01:02:04.895 --> 01:02:06.655 can take from these groups
NOTE Confidence: 0.9691041

01:02:06.655 --> 01:02:08.195 that have built and cultivated
NOTE Confidence: 0.9691041

01:02:08.335 --> 01:02:09.855 their own knowledge. And, you
NOTE Confidence: 0.9691041

01:02:09.855 --> 01:02:10.960 know, while they're maybe not
NOTE Confidence: 0.9691041

01:02:10.960 --> 01:02:12.320 using the perfect scientific method,

NOTE Confidence: 0.9691041
01:02:12.320 --> 01:02:13.040 they can look at cause
NOTE Confidence: 0.9691041
01:02:13.040 --> 01:02:13.920 and effect. If what they
NOTE Confidence: 0.9691041
01:02:13.920 --> 01:02:15.280 were doing was causing all
NOTE Confidence: 0.9691041
01:02:15.280 --> 01:02:16.480 of their members to keel
NOTE Confidence: 0.9691041
01:02:16.480 --> 01:02:16.980 over,
NOTE Confidence: 0.8327716
01:02:17.280 --> 01:02:18.720 they wouldn't be doing it.
NOTE Confidence: 0.8327716
01:02:18.720 --> 01:02:20.720 Yeah. No. I'm especially that's
NOTE Confidence: 0.8327716
01:02:20.720 --> 01:02:21.380 the advice
NOTE Confidence: 0.8865984
01:02:21.680 --> 01:02:22.800 that mentioned of, like, if
NOTE Confidence: 0.8865984
01:02:22.800 --> 01:02:24.240 someone's having a terrible time,
NOTE Confidence: 0.8865984
01:02:24.240 --> 01:02:26.295 give them more. Yeah. And
NOTE Confidence: 0.8865984
01:02:26.295 --> 01:02:26.795 that
NOTE Confidence: 0.9581919
01:02:27.335 --> 01:02:28.474 being really counterintuitive,
NOTE Confidence: 0.9921595
01:02:28.855 --> 01:02:29.835 but at the same time,
NOTE Confidence: 0.9680209
01:02:30.135 --> 01:02:31.734 it would suggest that it's
NOTE Confidence: 0.9680209

01:02:31.734 --> 01:02:33.095 based on them having done
NOTE Confidence: 0.9680209

01:02:33.095 --> 01:02:34.535 trial and error within their
NOTE Confidence: 0.9680209

01:02:34.535 --> 01:02:35.734 community and finding that it
NOTE Confidence: 0.9680209

01:02:35.734 --> 01:02:37.175 was beneficial at least in
NOTE Confidence: 0.9680209

01:02:37.175 --> 01:02:37.915 some cases
NOTE Confidence: 0.8792818

01:02:38.454 --> 01:02:40.055 and what we can learn
NOTE Confidence: 0.8792818

01:02:40.055 --> 01:02:40.875 from that.
NOTE Confidence: 0.9740992

01:02:42.050 --> 01:02:43.410 I I don't think in
NOTE Confidence: 0.9740992

01:02:43.410 --> 01:02:45.109 my next trial at UCSF
NOTE Confidence: 0.9740992

01:02:45.250 --> 01:02:46.450 when someone's having a really
NOTE Confidence: 0.9740992

01:02:46.450 --> 01:02:47.730 hard time, they'll allow me
NOTE Confidence: 0.9740992

01:02:47.730 --> 01:02:48.609 to give a little bit
NOTE Confidence: 0.9740992

01:02:48.609 --> 01:02:49.570 more. No. But
NOTE Confidence: 0.64964813

01:02:49.970 --> 01:02:51.090 That idea that that
NOTE Confidence: 0.9878039

01:02:52.369 --> 01:02:52.770 But I
NOTE Confidence: 0.46171403

01:02:53.970 --> 01:02:54.710 what they've

NOTE Confidence: 0.77505183

01:02:55.330 --> 01:02:55.830 observed.

NOTE Confidence: 0.9782075

01:02:56.585 --> 01:02:57.944 No. I mean, absolutely. And

NOTE Confidence: 0.9782075

01:02:57.944 --> 01:02:59.464 I think, again, opening up

NOTE Confidence: 0.9782075

01:02:59.464 --> 01:03:00.904 that dialogue to just hearing

NOTE Confidence: 0.9782075

01:03:00.904 --> 01:03:01.865 about some of these I

NOTE Confidence: 0.9782075

01:03:01.865 --> 01:03:03.384 mean, the the pregnancy example,

NOTE Confidence: 0.9782075

01:03:03.384 --> 01:03:04.424 I think, is is very

NOTE Confidence: 0.9782075

01:03:04.424 --> 01:03:05.384 real. None of us have

NOTE Confidence: 0.9782075

01:03:05.384 --> 01:03:06.345 any data on on the

NOTE Confidence: 0.9782075

01:03:06.345 --> 01:03:07.944 effect of psychedelics during from

NOTE Confidence: 0.9782075

01:03:08.105 --> 01:03:09.884 during pregnancy from clinical trials.

NOTE Confidence: 0.9782075

01:03:09.990 --> 01:03:11.590 There's one case report published

NOTE Confidence: 0.9782075

01:03:11.590 --> 01:03:12.710 from a study that Tim

NOTE Confidence: 0.9782075

01:03:12.710 --> 01:03:13.930 Leary did in the sixties,

NOTE Confidence: 0.9782075

01:03:13.990 --> 01:03:14.869 and they said the baby

NOTE Confidence: 0.9782075

01:03:14.869 --> 01:03:15.770 was born fine.
NOTE Confidence: 0.8154481

01:03:16.550 --> 01:03:18.470 Okay. So That's insane. I'm
NOTE Confidence: 0.8154481

01:03:18.470 --> 01:03:20.090 not gonna So particularly
NOTE Confidence: 0.96904546

01:03:20.550 --> 01:03:22.230 But but there's there's there's
NOTE Confidence: 0.96904546

01:03:22.230 --> 01:03:23.990 practices. There's actually generations of
NOTE Confidence: 0.96904546

01:03:23.990 --> 01:03:25.110 people. I know people who
NOTE Confidence: 0.96904546

01:03:25.110 --> 01:03:26.445 say that they started drinking
NOTE Confidence: 0.96904546

01:03:26.445 --> 01:03:27.485 Ayahuasca when they're in their
NOTE Confidence: 0.96904546

01:03:27.485 --> 01:03:28.605 mother's womb, and they still
NOTE Confidence: 0.96904546

01:03:28.605 --> 01:03:29.805 drink it, like, decades later,
NOTE Confidence: 0.96904546

01:03:29.805 --> 01:03:30.605 and and these are the
NOTE Confidence: 0.96904546

01:03:30.605 --> 01:03:32.205 stories. Now does that mean
NOTE Confidence: 0.96904546

01:03:32.205 --> 01:03:33.725 that nothing would have been
NOTE Confidence: 0.96904546

01:03:33.725 --> 01:03:35.245 different had that not happened?
NOTE Confidence: 0.96904546

01:03:35.245 --> 01:03:36.545 No. Of course not. But,
NOTE Confidence: 0.98548096

01:03:37.165 --> 01:03:37.965 I mean, some things I

NOTE Confidence: 0.98548096
01:03:37.965 --> 01:03:39.265 take away from this is,
NOTE Confidence: 0.98548096
01:03:39.405 --> 01:03:40.545 again, we have
NOTE Confidence: 0.99092215
01:03:41.109 --> 01:03:42.570 people who are the guardians,
NOTE Confidence: 0.9323221
01:03:43.270 --> 01:03:44.950 who are the caregivers, the
NOTE Confidence: 0.9323221
01:03:44.950 --> 01:03:46.630 facilitator, the session monitor in
NOTE Confidence: 0.9323221
01:03:46.630 --> 01:03:47.690 a trial setting,
NOTE Confidence: 0.9510227
01:03:48.070 --> 01:03:48.970 taking the sacrament,
NOTE Confidence: 0.99336153
01:03:49.670 --> 01:03:51.190 saying that they get to
NOTE Confidence: 0.99336153
01:03:51.190 --> 01:03:52.150 the point where they're having
NOTE Confidence: 0.99336153
01:03:52.150 --> 01:03:53.670 a challenging experience, but they
NOTE Confidence: 0.99336153
01:03:53.670 --> 01:03:54.790 do a form of maybe
NOTE Confidence: 0.99336153
01:03:54.790 --> 01:03:56.410 a meditation or a prayer
NOTE Confidence: 0.99336153
01:03:56.445 --> 01:03:58.065 that allows them to radically
NOTE Confidence: 0.99336153
01:03:58.205 --> 01:04:00.445 alter the the subjective experience
NOTE Confidence: 0.99336153
01:04:00.445 --> 01:04:02.125 they're having. I would love
NOTE Confidence: 0.99336153

01:04:02.125 --> 01:04:03.405 to know how to, in
NOTE Confidence: 0.99336153

01:04:03.405 --> 01:04:04.765 a brief way, teach my
NOTE Confidence: 0.99336153

01:04:04.765 --> 01:04:05.265 participants
NOTE Confidence: 0.97516483

01:04:05.805 --> 01:04:07.005 to do something like that
NOTE Confidence: 0.97516483

01:04:07.005 --> 01:04:07.885 if I think that could
NOTE Confidence: 0.97516483

01:04:07.885 --> 01:04:08.785 help them feel
NOTE Confidence: 0.99957913

01:04:09.119 --> 01:04:10.319 safer and have a less
NOTE Confidence: 0.99957913

01:04:10.319 --> 01:04:11.299 challenging experience
NOTE Confidence: 0.9372637

01:04:12.000 --> 01:04:13.119 if that were sort of
NOTE Confidence: 0.9372637

01:04:13.279 --> 01:04:14.240 you know, what would be
NOTE Confidence: 0.9372637

01:04:14.240 --> 01:04:15.039 the thing the right thing
NOTE Confidence: 0.9372637

01:04:15.039 --> 01:04:15.859 for my participant?
NOTE Confidence: 0.9939411

01:04:16.160 --> 01:04:17.039 How do we teach that?
NOTE Confidence: 0.9939411

01:04:17.039 --> 01:04:18.160 Is that a cultural thing?
NOTE Confidence: 0.9939411

01:04:18.160 --> 01:04:19.359 Do you need exposure to
NOTE Confidence: 0.9939411

01:04:19.359 --> 01:04:20.799 the community for two years

NOTE Confidence: 0.9939411
01:04:20.799 --> 01:04:21.599 to do that, or can
NOTE Confidence: 0.9939411
01:04:21.599 --> 01:04:22.515 we teach it in a
NOTE Confidence: 0.9939411
01:04:22.515 --> 01:04:24.275 brief thirty minute session before
NOTE Confidence: 0.9939411
01:04:24.275 --> 01:04:24.934 we dose?
NOTE Confidence: 0.9359693
01:04:25.795 --> 01:04:26.835 I would we should we
NOTE Confidence: 0.9359693
01:04:26.835 --> 01:04:28.115 should try to figure that
NOTE Confidence: 0.9359693
01:04:28.115 --> 01:04:28.615 out.
NOTE Confidence: 0.96917295
01:04:36.490 --> 01:04:37.770 So doctor Schindler said it's
NOTE Confidence: 0.96917295
01:04:37.770 --> 01:04:38.810 almost like lucid dreaming where
NOTE Confidence: 0.96917295
01:04:38.810 --> 01:04:39.850 you can kinda take control
NOTE Confidence: 0.96917295
01:04:39.850 --> 01:04:41.290 of the experience. I I
NOTE Confidence: 0.96917295
01:04:41.290 --> 01:04:42.650 very much agree. I tell
NOTE Confidence: 0.96917295
01:04:42.650 --> 01:04:44.330 my trial participants this is
NOTE Confidence: 0.96917295
01:04:44.330 --> 01:04:45.710 like dreaming while awake.
NOTE Confidence: 0.9981495
01:04:46.650 --> 01:04:47.150 And
NOTE Confidence: 0.97632986

01:04:47.610 --> 01:04:49.835 I am always fascinated by
NOTE Confidence: 0.97632986

01:04:49.835 --> 01:04:50.875 the stories I hear from
NOTE Confidence: 0.97632986

01:04:50.875 --> 01:04:52.075 people who are long time
NOTE Confidence: 0.97632986

01:04:52.075 --> 01:04:54.075 practitioners in those communities about
NOTE Confidence: 0.97632986

01:04:54.075 --> 01:04:55.035 how they talk about how
NOTE Confidence: 0.97632986

01:04:55.035 --> 01:04:56.795 they can control it. They
NOTE Confidence: 0.97632986

01:04:56.795 --> 01:04:57.675 can get up. They can
NOTE Confidence: 0.97632986

01:04:57.675 --> 01:04:59.194 play guitar. They can then
NOTE Confidence: 0.97632986

01:04:59.194 --> 01:05:00.795 finish their song, lay down,
NOTE Confidence: 0.97632986

01:05:00.795 --> 01:05:01.835 and have a full on
NOTE Confidence: 0.97632986

01:05:01.835 --> 01:05:03.800 experience again, and they learn
NOTE Confidence: 0.97632986

01:05:03.800 --> 01:05:05.020 to modulate it.
NOTE Confidence: 0.9633176

01:05:05.320 --> 01:05:06.280 And these are sort of
NOTE Confidence: 0.9633176

01:05:06.280 --> 01:05:07.640 qualitative reports that I think
NOTE Confidence: 0.9633176

01:05:07.640 --> 01:05:09.880 are help me question this
NOTE Confidence: 0.9633176

01:05:09.880 --> 01:05:11.160 idea. We have a psychedelic

NOTE Confidence: 0.9633176
01:05:11.160 --> 01:05:12.600 experience. You just lose all
NOTE Confidence: 0.9633176
01:05:12.600 --> 01:05:13.640 time and space, and you
NOTE Confidence: 0.9633176
01:05:13.640 --> 01:05:14.780 come back and you're better.
NOTE Confidence: 0.9633176
01:05:14.920 --> 01:05:16.220 But maybe there's an active
NOTE Confidence: 0.9633176
01:05:16.360 --> 01:05:18.905 embodied component that's happening for
NOTE Confidence: 0.9633176
01:05:18.905 --> 01:05:20.105 our patients so we can
NOTE Confidence: 0.9633176
01:05:20.105 --> 01:05:21.565 make it more helpful.
NOTE Confidence: 0.9995872
01:05:23.145 --> 01:05:24.265 I would like to learn
NOTE Confidence: 0.9995872
01:05:24.265 --> 01:05:25.165 more about that.
NOTE Confidence: 0.96968174
01:05:26.665 --> 01:05:27.785 I wanna be mindful of
NOTE Confidence: 0.96968174
01:05:27.785 --> 01:05:28.765 people's time,
NOTE Confidence: 0.96248007
01:05:30.265 --> 01:05:31.945 but also wanna take advantage
NOTE Confidence: 0.96248007
01:05:31.945 --> 01:05:32.605 of the
NOTE Confidence: 0.9989685
01:05:34.210 --> 01:05:35.430 discussion that we're having.
NOTE Confidence: 0.9538626
01:05:38.530 --> 01:05:39.670 Did you have any,
NOTE Confidence: 0.99843585

01:05:40.210 --> 01:05:40.710 IRB
NOTE Confidence: 0.99425954

01:05:41.010 --> 01:05:42.370 trouble in terms of getting
NOTE Confidence: 0.99425954

01:05:42.370 --> 01:05:44.150 approval on the IRB side?
NOTE Confidence: 0.99907595

01:05:44.690 --> 01:05:46.370 The hardest thing was getting
NOTE Confidence: 0.99907595

01:05:46.370 --> 01:05:47.590 the IRB approved
NOTE Confidence: 0.9678327

01:05:47.905 --> 01:05:49.265 in Brazil because we went
NOTE Confidence: 0.9678327

01:05:49.265 --> 01:05:50.545 through that process, and I
NOTE Confidence: 0.9678327

01:05:50.545 --> 01:05:51.585 had to register with the
NOTE Confidence: 0.9678327

01:05:51.585 --> 01:05:53.025 national IRB. And then we
NOTE Confidence: 0.9678327

01:05:53.025 --> 01:05:54.625 had to get traditional knowledge
NOTE Confidence: 0.9678327

01:05:54.625 --> 01:05:56.065 exemption because we were studying
NOTE Confidence: 0.9678327

01:05:56.065 --> 01:05:56.725 a traditional
NOTE Confidence: 0.9991293

01:05:57.345 --> 01:05:58.165 form of
NOTE Confidence: 0.7931843

01:05:58.545 --> 01:06:00.565 not plant use in Brazil,
NOTE Confidence: 0.9460003

01:06:00.950 --> 01:06:02.070 and that was way harder
NOTE Confidence: 0.9460003

01:06:02.070 --> 01:06:03.190 than any IRB thing we

NOTE Confidence: 0.9460003
01:06:03.190 --> 01:06:04.470 did here. Survey from the
NOTE Confidence: 0.9460003
01:06:04.470 --> 01:06:06.230 start of shipping. Well, in
NOTE Confidence: 0.9460003
01:06:06.230 --> 01:06:07.590 in in Brazil, it's just
NOTE Confidence: 0.9460003
01:06:07.590 --> 01:06:09.510 a survey. Yeah. But because
NOTE Confidence: 0.9460003
01:06:09.510 --> 01:06:11.190 we had federal funds going
NOTE Confidence: 0.9460003
01:06:11.190 --> 01:06:12.230 there, they had to be
NOTE Confidence: 0.9460003
01:06:12.230 --> 01:06:13.190 on our IRB, and we
NOTE Confidence: 0.9460003
01:06:13.190 --> 01:06:14.150 had to be on theirs.
NOTE Confidence: 0.9460003
01:06:14.150 --> 01:06:15.405 Mhmm. And I'm glad we
NOTE Confidence: 0.9460003
01:06:15.405 --> 01:06:16.525 did it. I'm glad we
NOTE Confidence: 0.9460003
01:06:16.525 --> 01:06:17.645 got the sub to Brazil
NOTE Confidence: 0.9460003
01:06:17.645 --> 01:06:18.525 for a year, and they
NOTE Confidence: 0.9460003
01:06:18.525 --> 01:06:19.885 got going. It was totally
NOTE Confidence: 0.9460003
01:06:19.885 --> 01:06:20.765 worth it, but it was
NOTE Confidence: 0.9460003
01:06:20.765 --> 01:06:21.585 super challenging.
NOTE Confidence: 0.64915496

01:06:22.525 --> 01:06:23.025 Yeah.

NOTE Confidence: 0.81102586

01:06:27.245 --> 01:06:28.125 For me, it for me,

NOTE Confidence: 0.81102586

01:06:28.125 --> 01:06:29.400 it's interesting with them.