

WEBVTT

1 00:00:00.000 --> 00:00:01.350 <v ->So welcome.</v>  
2 00:00:01.350 --> 00:00:02.340 Thank you for joining us  
3 00:00:02.340 --> 00:00:06.000 on this Thursday evening for the Summer 2022  
4 00:00:06.000 --> 00:00:07.740 Climate and Health Internship Colloquium,  
5 00:00:07.740 --> 00:00:08.910 both to our virtual audience  
6 00:00:08.910 --> 00:00:10.980 and to our in person audience.  
7 00:00:10.980 --> 00:00:11.813 My name is Mauro.  
8 00:00:11.813 --> 00:00:13.500 I'm the program administrator  
9 00:00:13.500 --> 00:00:16.413 for the Yale Center on Climate Change and  
Health,  
10 00:00:17.760 --> 00:00:19.950 and I've been working with these students  
11 00:00:19.950 --> 00:00:21.810 as they completed their summer internships,  
12 00:00:21.810 --> 00:00:24.300 and now we're super-excited to hear them speak  
13 00:00:24.300 --> 00:00:26.880 about the work that they did there this summer.  
14 00:00:26.880 --> 00:00:29.613 Some very quick rules for this session.  
15 00:00:32.880 --> 00:00:34.020 If you're online,  
16 00:00:34.020 --> 00:00:35.880 can you please make sure that you're on mute  
17 00:00:35.880 --> 00:00:38.432 while our panelists are presenting,  
18 00:00:38.432 --> 00:00:40.890 'cuz I'll be running around trying to hit mute  
19 00:00:40.890 --> 00:00:41.841 if I see that you're speaking.  
20 00:00:41.841 --> 00:00:42.674 (Mauro laughs)  
21 00:00:42.674 --> 00:00:45.090 Also, for our online audience,  
22 00:00:45.090 --> 00:00:45.923 please feel free  
23 00:00:45.923 --> 00:00:48.390 to enter questions into the chat box  
24 00:00:48.390 --> 00:00:49.890 and our panelists will answer them  
25 00:00:49.890 --> 00:00:52.500 during the question and answer session.  
26 00:00:52.500 --> 00:00:54.150 Same for our folks here.  
27 00:00:54.150 --> 00:00:55.350 So the way that it'll work out  
28 00:00:55.350 --> 00:00:56.850 is we have three panels.  
29 00:00:56.850 --> 00:00:57.683 We'll have each of

30 00:00:57.683 --> 00:01:00.030 our students present their information,  
31 00:01:00.030 --> 00:01:00.863 and then we reserve about 10 minutes at the  
end  
32 00:01:00.863 --> 00:01:01.696 (person off screen coughs)  
33 00:01:01.696 --> 00:01:03.450 of each one of those blocks  
34 00:01:03.450 --> 00:01:06.090 of presentations to do Q&A.  
35 00:01:06.090 --> 00:01:08.190 We'll do that three times.  
36 00:01:08.190 --> 00:01:09.240 And then at the end,  
37 00:01:09.240 --> 00:01:11.670 if there's more time for questions,  
38 00:01:11.670 --> 00:01:13.863 then we'll also use that time then.  
39 00:01:17.226 --> 00:01:19.770 (computer mouse moves)  
40 00:01:19.770 --> 00:01:20.603 There we go.  
41 00:01:21.960 --> 00:01:22.793 So very quickly,  
42 00:01:22.793 --> 00:01:23.970 an introduction to the Yale Center  
43 00:01:23.970 --> 00:01:25.740 on Climate Change and Health Internship Pro-  
gram.  
44 00:01:25.740 --> 00:01:27.660 This is a program  
45 00:01:27.660 --> 00:01:29.070 that we've developed over the years,  
46 00:01:29.070 --> 00:01:30.039 where we're connecting students  
47 00:01:30.039 --> 00:01:32.850 who are interested in doing work at the nexus  
48 00:01:32.850 --> 00:01:34.950 of climate change and public health.  
49 00:01:34.950 --> 00:01:36.240 You can find more information  
50 00:01:36.240 --> 00:01:38.310 about this on our website.  
51 00:01:38.310 --> 00:01:42.483 That's the shortened bit.ly link is bitly,  
52 00:01:42.483 --> 00:01:45.483 bit.ly/ycccch.  
53 00:01:46.830 --> 00:01:49.189 The panels that we're gonna be doing here  
today,  
54 00:01:49.189 --> 00:01:50.947 you can see on the screen, panel 1.  
55 00:01:50.947 --> 00:01:53.610 Rights and justice in a climate changed world.  
56 00:01:53.610 --> 00:01:54.443 Panel 2,  
57 00:01:54.443 --> 00:01:55.276 Collecting and operationalizing  
58 00:01:55.276 --> 00:01:57.420 climate and health data.

59 00:01:57.420 --> 00:01:58.470 And then panel 3,  
60 00:01:58.470 --> 00:02:00.270 Communicating and awareness-raising  
61 00:02:00.270 --> 00:02:01.800 around climate and health issues.  
62 00:02:01.800 --> 00:02:02.820 And then the Q&A session  
63 00:02:02.820 --> 00:02:04.563 at the end as time allows.  
64 00:02:06.240 --> 00:02:08.730 So you didn't come here to listen to me speak,  
65 00:02:08.730 --> 00:02:10.290 so we're gonna get started  
66 00:02:10.290 --> 00:02:12.150 with our first round of presenters.  
67 00:02:12.150 --> 00:02:13.980 So can I get Sebastian,  
68 00:02:13.980 --> 00:02:17.550 Caroline, Alix and Emily up here.  
69 00:02:17.550 --> 00:02:19.750 You can sit in whatever order you feel like.  
70 00:02:22.047 --> 00:02:23.280 And now have each of you  
71 00:02:23.280 --> 00:02:25.200 as we present the posters,  
72 00:02:25.200 --> 00:02:26.033 you know, just give  
73 00:02:26.033 --> 00:02:27.870 a brief introduction to who you are,  
74 00:02:27.870 --> 00:02:29.820 the work that you did,  
75 00:02:29.820 --> 00:02:30.840 and any next steps  
76 00:02:30.840 --> 00:02:33.330 that you have with those projects.  
77 00:02:33.330 --> 00:02:35.040 And then, of course, for our online audience,  
78 00:02:35.040 --> 00:02:36.090 give me just a second.  
79 00:02:36.090 --> 00:02:37.380 You didn't come here to see me.  
80 00:02:37.380 --> 00:02:38.580 There you go.  
81 00:02:38.580 --> 00:02:40.950 Now you can see everybody on screen.  
82 00:02:40.950 --> 00:02:44.883 All right, so we're gonna begin with Sebastian.  
83 00:02:46.200 --> 00:02:47.460 If you'd like to begin, certainly,  
84 00:02:47.460 --> 00:02:50.790 <v ->Yeah, so my name's Sebastian.</v>  
85 00:02:50.790 --> 00:02:53.443 I'm a student in The Yale College, Class of  
2024.  
86 00:02:53.443 --> 00:02:55.290 I major in environmental studies.  
87 00:02:55.290 --> 00:02:56.760 And this summer I got the opportunity  
88 00:02:56.760 --> 00:02:59.140 to an internship with Dejusticia,

89 00:02:59.140 --> 00:03:01.773 who's based in Bogota, in Colombia.  
90 00:03:02.760 --> 00:03:03.840 My project was titled  
91 00:03:03.840 --> 00:03:04.673 Litigation as a strategy  
92 00:03:04.673 --> 00:03:07.230 for protecting human rights  
93 00:03:07.230 --> 00:03:09.717 in the Global South amidst the climate crisis.  
94 00:03:09.717 --> 00:03:12.720 The goal of it was to research and analyze  
95 00:03:12.720 --> 00:03:13.890 human rights based climate  
96 00:03:13.890 --> 00:03:15.840 litigation in the Global South,  
97 00:03:15.840 --> 00:03:18.450 and kind of write a pedagogical research article  
98 00:03:18.450 --> 00:03:19.587 about best practices  
99 00:03:19.587 --> 00:03:21.660 and most commonly used practices  
100 00:03:21.660 --> 00:03:23.580 when writing these litigations.  
101 00:03:23.580 --> 00:03:25.230 And so, as you can kind of see I,  
102 00:03:27.120 --> 00:03:30.750 I delved very deeply into the Sabin database  
103 00:03:30.750 --> 00:03:33.420 on climate change litigation.  
104 00:03:33.420 --> 00:03:35.430 And kind of saw, at first,  
105 00:03:35.430 --> 00:03:36.390 I have this figure for you,  
106 00:03:36.390 --> 00:03:38.070 with like the countries in the Global South  
107 00:03:38.070 --> 00:03:40.950 that have cases of human rights based litigation.  
108 00:03:40.950 --> 00:03:41.783 As you can see,  
109 00:03:41.783 --> 00:03:42.780 there's a really high concentration  
110 00:03:42.780 --> 00:03:46.320 in Latin America, some cases in Africa  
111 00:03:46.320 --> 00:03:48.690 and also another concentration in South Asia,  
112 00:03:48.690 --> 00:03:49.863 and Southeast Asia.  
113 00:03:51.720 --> 00:03:53.849 And then, Mauro, would you mind?  
114 00:03:53.849 --> 00:03:55.265 <v Mauro>Absolutely, let me,</v>  
115 00:03:55.265 --> 00:03:56.816 <v ->The slide with statistics.</v>  
116 00:03:56.816 --> 00:03:58.834 <v Mauro>Sure.</v>  
117 00:03:58.834 --> 00:03:59.667 <v ->Thank you.</v>  
118 00:03:59.667 --> 00:04:00.500 <v Mauro>How's that?</v>

119 00:04:00.500 --> 00:04:01.590 <v ->And then some key statistics</v>  
120 00:04:01.590 --> 00:04:02.423 that I kind of developed  
121 00:04:02.423 --> 00:04:05.790 through my research was that 44% of cases,  
122 00:04:05.790 --> 00:04:09.600 so all climate litigation in Global South,  
123 00:04:09.600 --> 00:04:12.090 actually utilizes human rights-based argu-  
ments,  
124 00:04:12.090 --> 00:04:14.070 which is very different compared to the cases  
125 00:04:14.070 --> 00:04:15.840 in the Global North, which for example,  
126 00:04:15.840 --> 00:04:17.760 only 5% of the ones in the United States  
127 00:04:17.760 --> 00:04:21.960 use human rights, human rights based argu-  
ments.  
128 00:04:21.960 --> 00:04:24.780 Of those human rights based litigation cases,  
129 00:04:24.780 --> 00:04:27.000 66% of them focus on mitigation.  
130 00:04:27.000 --> 00:04:28.383 So that's reducing carbon,  
131 00:04:29.400 --> 00:04:31.530 greenhouse gas emissions.  
132 00:04:31.530 --> 00:04:34.800 87% of 'em are filed by individuals or NGOs,  
133 00:04:34.800 --> 00:04:37.320 and then 84% of them are against govern-  
ments.  
134 00:04:37.320 --> 00:04:39.630 So that kinda gives you like a,  
135 00:04:39.630 --> 00:04:41.190 an idea of who are the people  
136 00:04:41.190 --> 00:04:42.480 who are fighting these actions  
137 00:04:42.480 --> 00:04:43.462 and who are that ones  
138 00:04:43.462 --> 00:04:46.290 that are being filed against.  
139 00:04:46.290 --> 00:04:50.040 80% of the finalized cases actually produce  
140 00:04:50.040 --> 00:04:51.450 environmentally aligned decisions.  
141 00:04:51.450 --> 00:04:53.997 So I feel like that's a really good turn around  
142 00:04:53.997 --> 00:04:55.770 and kind of proves to the importance  
143 00:04:55.770 --> 00:04:57.147 of like why we should be figuring out  
144 00:04:57.147 --> 00:04:58.890 how to further develop  
145 00:04:58.890 --> 00:05:01.260 these human rights-based arguments.  
146 00:05:01.260 --> 00:05:03.480 And then 86% of them cited

147 00:05:03.480 --> 00:05:06.424 the right to a healthy environment in particular.

148 00:05:06.424 --> 00:05:08.620 And some of those like key findings

149 00:05:09.739 --> 00:05:11.610 have a lot to do with that statistic,

150 00:05:11.610 --> 00:05:13.800 which is the fact that its biggest connection

151 00:05:13.800 --> 00:05:16.320 to public health is that one of the rights

152 00:05:16.320 --> 00:05:18.840 that is most commonly cited to involve

153 00:05:18.840 --> 00:05:20.340 this right to a healthy environment

154 00:05:20.340 --> 00:05:21.992 is the right to health,

155 00:05:21.992 --> 00:05:23.610 as well as the right to life.

156 00:05:23.610 --> 00:05:24.675 Some other things

157 00:05:24.675 --> 00:05:25.650 that we found that were interesting

158 00:05:25.650 --> 00:05:26.610 is like the geography

159 00:05:26.610 --> 00:05:30.060 of climate litigation in the Global South.

160 00:05:30.060 --> 00:05:31.620 Which is very focused

161 00:05:31.620 --> 00:05:33.780 on high emitting countries as well,

162 00:05:33.780 --> 00:05:36.060 so that's another pattern to look out for.

163 00:05:36.060 --> 00:05:37.740 Some of the things were like

164 00:05:37.740 --> 00:05:39.210 the strength of particular groups.

165 00:05:39.210 --> 00:05:41.070 So a lot of these cases have also been filed

166 00:05:41.070 --> 00:05:44.130 by youth individuals.

167 00:05:44.130 --> 00:05:46.686 And based on arguments

168 00:05:46.686 --> 00:05:48.053 of intergenerational rights.

169 00:05:49.470 --> 00:05:51.690 Some frequently cited texts include

170 00:05:51.690 --> 00:05:53.790 the constitutions of these countries,

171 00:05:53.790 --> 00:05:55.320 regional human rights agreements

172 00:05:55.320 --> 00:05:56.730 or the Paris agreement.

173 00:05:56.730 --> 00:05:58.890 And then, some other principles that are cited

174 00:05:58.890 --> 00:06:01.230 are the precautionary, non-regression,

175 00:06:01.230 --> 00:06:04.200 intergenerational equity, participation.

176 00:06:04.200 --> 00:06:05.945 And then I'll kind of leave us off

177 00:06:05.945 --> 00:06:07.440 with Leghari vs Pakistan,  
178 00:06:07.440 --> 00:06:08.461 which was one of the,  
179 00:06:08.461 --> 00:06:10.170 kind of like, cases that I delved into  
180 00:06:10.170 --> 00:06:11.640 in the project.  
181 00:06:11.640 --> 00:06:14.220 Which actually did use  
182 00:06:14.220 --> 00:06:17.280 the rights to life and health as a way  
183 00:06:17.280 --> 00:06:19.830 to invoke the rights to help the environment.  
184 00:06:19.830 --> 00:06:20.790 Thank you.  
185 00:06:20.790 --> 00:06:22.443 <v Mauro>Great, thank you much.</v>  
186 00:06:24.690 --> 00:06:27.630 So we're gonna move on to our next presenter,  
187 00:06:27.630 --> 00:06:29.550 which is Caroline, but before I do that,  
188 00:06:29.550 --> 00:06:31.712 I did not realize that placing the chairs there  
189 00:06:31.712 --> 00:06:32.545 may blind you during your presentation,  
190 00:06:32.545 --> 00:06:34.029 (Caroline laughs)  
191 00:06:34.029 --> 00:06:35.850 so you can scoot 'em up if you'd like.  
192 00:06:35.850 --> 00:06:38.720 We have plenty of camera space here.  
193 00:06:38.720 --> 00:06:41.602 (chairs move)  
194 00:06:41.602 --> 00:06:42.435 <v ->Oh, that's better.</v>  
195 00:06:42.435 --> 00:06:43.268 (group laughs)  
196 00:06:43.268 --> 00:06:44.101 <v Mauro>Is that better?</v>  
197 00:06:44.101 --> 00:06:45.068 Okay.  
198 00:06:45.068 --> 00:06:46.976 <v ->I know what it's like to be on stage  
now.</v>  
199 00:06:46.976 --> 00:06:48.600 (girl laughs)  
200 00:06:48.600 --> 00:06:50.460 Anyway, so hi, everybody.  
201 00:06:50.460 --> 00:06:52.608 My name is Caroline Helsen,  
202 00:06:52.608 --> 00:06:56.130 I'm a second year Master of Public Health  
student  
203 00:06:56.130 --> 00:06:57.900 in the School of Public Health.  
204 00:06:57.900 --> 00:07:00.210 I interned at UNICEF this summer,  
205 00:07:00.210 --> 00:07:01.530 in the Maternal Newborn

206 00:07:01.530 --> 00:07:03.153 and Adolescent Health Unit.  
207 00:07:04.350 --> 00:07:05.760 It was a remote internship,  
208 00:07:05.760 --> 00:07:07.620 so unrelated to climate change,  
209 00:07:07.620 --> 00:07:09.243 but we'll talk about that later,  
210 00:07:09.243 --> 00:07:11.580 when I can recall that experience.  
211 00:07:11.580 --> 00:07:12.750 But yeah, so stuff on the right,  
212 00:07:12.750 --> 00:07:13.590 just background on me,  
213 00:07:13.590 --> 00:07:14.550 I'll skip that though.  
214 00:07:14.550 --> 00:07:16.170 On the left-hand side,  
215 00:07:16.170 --> 00:07:18.150 it's a little bit about what I worked on.  
216 00:07:18.150 --> 00:07:21.060 So primarily, I can give some background,  
217 00:07:21.060 --> 00:07:22.500 my internship was actually on  
218 00:07:22.500 --> 00:07:24.990 adolescent mental health very broadly.  
219 00:07:24.990 --> 00:07:29.990 So more specifically like school based resources  
220 00:07:30.060 --> 00:07:31.563 on mental health for children,  
221 00:07:32.400 --> 00:07:34.147 but I was able to  
222 00:07:34.147 --> 00:07:34.980 (object shifts)  
223 00:07:34.980 --> 00:07:36.810 fit in and try to get in  
224 00:07:36.810 --> 00:07:40.080 some more climate specific projects.  
225 00:07:40.080 --> 00:07:41.310 And what that ended up being  
226 00:07:41.310 --> 00:07:43.290 is the World Health Organization actually,  
227 00:07:43.290 --> 00:07:44.370 at the beginning of June,  
228 00:07:44.370 --> 00:07:46.590 released a policy brief  
229 00:07:46.590 --> 00:07:47.940 about climate and mental health,  
230 00:07:47.940 --> 00:07:51.240 and so, that kind of spurred  
231 00:07:51.240 --> 00:07:53.820 some excitement within UNICEF.  
232 00:07:53.820 --> 00:07:55.620 that this topic was being talked about.  
233 00:07:55.620 --> 00:07:59.760 so I was able to explore kind of like  
234 00:07:59.760 --> 00:08:02.250 what is, what are other partner organizations  
235 00:08:02.250 --> 00:08:04.140 of UNICEF doing in this space?  
236 00:08:04.140 --> 00:08:06.990 What does some of the UNICEF leaders

237 00:08:06.990 --> 00:08:08.440 think about climate and health,  
238 00:08:08.440 --> 00:08:09.273 what are they already doing?  
239 00:08:09.273 --> 00:08:11.310 How can UNICEF, really I guess  
240 00:08:11.310 --> 00:08:15.840 the strategy behind my department's approach  
241 00:08:15.840 --> 00:08:17.370 to climate and mental health.  
242 00:08:17.370 --> 00:08:18.480 How can they you know,  
243 00:08:18.480 --> 00:08:21.062 make sure they're not duplicating work  
244 00:08:21.062 --> 00:08:22.800 that some of their partners already had  
245 00:08:22.800 --> 00:08:24.810 and might already be doing?  
246 00:08:24.810 --> 00:08:26.983 So what I did was just put together  
247 00:08:26.983 --> 00:08:28.860 a focus group discussion guide,  
248 00:08:28.860 --> 00:08:31.140 which I have not been able to actually conduct  
249 00:08:31.140 --> 00:08:33.490 the focus groups yet, but perhaps in the fall  
250 00:08:34.500 --> 00:08:36.038 there will be an opportunity for that.  
251 00:08:36.038 --> 00:08:36.990 And then you know, like I said,  
252 00:08:36.990 --> 00:08:38.250 talk to some partner organizations.  
253 00:08:38.250 --> 00:08:40.170 So it's just really great to hear  
254 00:08:40.170 --> 00:08:43.530 a wide spectrum of what's being done already  
255 00:08:43.530 --> 00:08:44.910 and where the gaps might be.  
256 00:08:44.910 --> 00:08:46.430 Both in terms of like understanding  
257 00:08:46.430 --> 00:08:47.830 of climate and mental health  
258 00:08:48.960 --> 00:08:51.960 among climate and mental health advocates,  
right?  
259 00:08:51.960 --> 00:08:54.864 Sometimes they're very separate groups,  
260 00:08:54.864 --> 00:08:57.075 (indistinct) and then we ask them.  
261 00:08:57.075 --> 00:08:58.223 So it was a great time.  
262 00:08:59.190 --> 00:09:00.833 <v Mauro>Great, thank you, Caroline.</v>  
263 00:09:05.790 --> 00:09:07.598 Next up, we have Alix.  
264 00:09:07.598 --> 00:09:09.633 <v ->Hi, everyone, my name is Alix.</v>  
265 00:09:09.633 --> 00:09:12.750 I am a second year MPH student  
266 00:09:12.750 --> 00:09:13.710 in the Department

267 00:09:13.710 --> 00:09:15.420 of Environmental Health Sciences  
268 00:09:15.420 --> 00:09:16.470 and I'm concentrating  
269 00:09:16.470 --> 00:09:18.480 in climate change and health.  
270 00:09:18.480 --> 00:09:19.313 Before I begin,  
271 00:09:19.313 --> 00:09:20.367 I'd just like to thank  
272 00:09:20.367 --> 00:09:22.560 the JFK Scholar Fellowship Committee  
273 00:09:22.560 --> 00:09:24.180 and the New England Public Health  
274 00:09:24.180 --> 00:09:26.250 Training Center, for both supporting  
275 00:09:26.250 --> 00:09:28.233 and funding my work this summer.  
276 00:09:29.370 --> 00:09:30.660 So this past summer,  
277 00:09:30.660 --> 00:09:33.060 I interned at the Connecticut Department  
278 00:09:33.060 --> 00:09:36.450 of Public Health, where I conducted  
279 00:09:36.450 --> 00:09:39.450 a policy analysis on current  
280 00:09:39.450 --> 00:09:42.510 and proposed legislation  
281 00:09:42.510 --> 00:09:44.640 that addresses barriers of weatherization  
282 00:09:44.640 --> 00:09:46.740 as well as energy assistance programs  
283 00:09:46.740 --> 00:09:50.670 in Connecticut, with a focus on individuals  
284 00:09:50.670 --> 00:09:53.640 who have been deemed vulnerable  
285 00:09:53.640 --> 00:09:55.470 to climate change.  
286 00:09:55.470 --> 00:09:57.950 So that manifested in my deliverables  
287 00:09:57.950 --> 00:09:59.100 as a literature review,  
288 00:09:59.100 --> 00:10:01.470 which was really important  
289 00:10:01.470 --> 00:10:03.088 to understand the history  
290 00:10:03.088 --> 00:10:05.588 of weatherization in the U.S.,  
291 00:10:10.004 --> 00:10:11.478 the history of weatherization  
292 00:10:11.478 --> 00:10:14.061 as well as the current progress  
293 00:10:15.150 --> 00:10:17.133 that we haven't seen right now.  
294 00:10:18.090 --> 00:10:20.370 And then, I compiled a compendium  
295 00:10:20.370 --> 00:10:23.280 of current proposed legislation,  
296 00:10:23.280 --> 00:10:24.270 which was really cool.  
297 00:10:24.270 --> 00:10:26.018 Because we're seeing

298 00:10:26.018 --> 00:10:28.660 so much new, so many new laws being proposed

299 00:10:29.850 --> 00:10:32.146 within the last couple of months

300 00:10:32.146 --> 00:10:33.990 with the Inflation Reduction Act,

301 00:10:33.990 --> 00:10:37.350 and the infrastructure bill that was just passed

302 00:10:37.350 --> 00:10:39.090 a few months ago.

303 00:10:39.090 --> 00:10:41.220 And then finally, I linked all this information,

304 00:10:41.220 --> 00:10:44.407 and wrote a policy brief, where I gave

305 00:10:48.224 --> 00:10:49.424 concrete and actionable,

306 00:10:51.450 --> 00:10:54.390 actionable recommendations to the department,

307 00:10:54.390 --> 00:10:56.910 so that they could better support

308 00:10:56.910 --> 00:11:00.240 the state's weatherization in (indistinct)

309 00:11:01.110 --> 00:11:02.474 <v Mauro>Great, thank you, Alix.</v>

310 00:11:02.474 --> 00:11:05.057 (papers shift)

311 00:11:05.983 --> 00:11:08.041 <v ->I assume it's me?</v>

312 00:11:08.041 --> 00:11:09.124 <v Mauro>Absolutely, yeah.</v>

313 00:11:09.124 --> 00:11:09.957 <v ->Nice.</v>

314 00:11:11.974 --> 00:11:16.282 (indistinct) notes, I didn't print it out.

315 00:11:16.282 --> 00:11:17.115 You know.

316 00:11:18.210 --> 00:11:19.043 So,

317 00:11:19.043 --> 00:11:20.197 <v Mauro>A timely thing to do.</v>

318 00:11:20.197 --> 00:11:21.030 <v ->Yeah, yeah (indistinct)</v>

319 00:11:21.030 --> 00:11:21.991 (Emily laughs)

320 00:11:21.991 --> 00:11:23.149 (Mauro laughs)

321 00:11:23.149 --> 00:11:24.300 So hi, I'm Emily.

322 00:11:24.300 --> 00:11:26.070 I'm also a second year Master's student

323 00:11:26.070 --> 00:11:27.660 at the School of Public Health.

324 00:11:27.660 --> 00:11:28.650 I'm in the Department

325 00:11:28.650 --> 00:11:29.970 of Social and Behavioral Sciences.

326 00:11:29.970 --> 00:11:31.749 I'm also concentrating

327 00:11:31.749 --> 00:11:32.613 in climate change and health.  
328 00:11:32.613 --> 00:11:34.857 And so, I was also compiling for  
329 00:11:34.857 --> 00:11:37.170 the Connecticut Department of Public Health  
330 00:11:37.170 --> 00:11:38.282 in their Office  
331 00:11:38.282 --> 00:11:39.810 of Climate Change and Public Health,  
332 00:11:39.810 --> 00:11:42.543 and I focused on food, security, and equity.  
333 00:11:43.579 --> 00:11:47.550 And specifically, this was part of the GC3,  
334 00:11:47.550 --> 00:11:50.103 so the Governor's Council on Climate  
Change.  
335 00:11:52.230 --> 00:11:54.757 I think it was passed in 2019.  
336 00:11:57.176 --> 00:12:00.692 And it was (indistinct)  
337 00:12:00.692 --> 00:12:02.580 part of like a three year initiative,  
338 00:12:02.580 --> 00:12:03.873 the very beginning of it,  
339 00:12:05.160 --> 00:12:08.700 to look at how food systems and food equity  
340 00:12:08.700 --> 00:12:10.770 are being impacted by climate change.  
341 00:12:10.770 --> 00:12:11.637 And so, since this was  
342 00:12:11.637 --> 00:12:13.560 the very beginning of the project,  
343 00:12:13.560 --> 00:12:15.990 I, my job was basically to figure out  
344 00:12:15.990 --> 00:12:20.310 what do we know and compile it  
345 00:12:20.310 --> 00:12:21.600 so that it's a resource  
346 00:12:21.600 --> 00:12:23.850 for the Department of Public Health.  
347 00:12:23.850 --> 00:12:26.670 So that included a literature review,  
348 00:12:26.670 --> 00:12:30.290 also more of like a general review.  
349 00:12:30.290 --> 00:12:31.620 So different types of knowledge,  
350 00:12:31.620 --> 00:12:32.580 not just academic,  
351 00:12:32.580 --> 00:12:35.310 but also looking at local organizations  
352 00:12:35.310 --> 00:12:36.570 that are doing work,  
353 00:12:36.570 --> 00:12:38.823 data sources that might be relevant,  
354 00:12:39.840 --> 00:12:41.520 and compiling it all.  
355 00:12:41.520 --> 00:12:43.140 And so, that was my main deliverable,

356 00:12:43.140 --> 00:12:47.340 was a compendium of resources to the department,  
357 00:12:47.340 --> 00:12:51.950 and then a report about the work related.  
358 00:12:51.950 --> 00:12:53.203 Yeah, that's, that's it.  
359 00:12:53.203 --> 00:12:54.036 Thank you.  
360 00:12:54.036 --> 00:12:55.369 <v Mauro>Great, thank you, Emily.</v>  
361 00:12:58.227 --> 00:12:59.060 All right,  
362 00:12:59.060 --> 00:13:01.500 thank you for those overviews, each one of you.  
363 00:13:01.500 --> 00:13:02.333 So now,  
364 00:13:02.333 --> 00:13:04.740 I'm gonna invite questions from the audience,  
365 00:13:04.740 --> 00:13:07.140 either in person or online.  
366 00:13:07.140 --> 00:13:08.610 And give me just a second,  
367 00:13:08.610 --> 00:13:11.160 I'm gonna have to hit stop share here,  
368 00:13:11.160 --> 00:13:12.720 so I can see  
369 00:13:12.720 --> 00:13:17.553 if anybody online is sending us any chats.  
370 00:13:18.900 --> 00:13:20.310 Any questions from the audience?  
371 00:13:20.310 --> 00:13:23.071 I have a lot if nobody has any.  
372 00:13:23.071 --> 00:13:26.940 (attendees laugh)  
373 00:13:26.940 --> 00:13:27.990 Yeah, go ahead, Rose.  
374 00:13:28.920 --> 00:13:29.753 <v Rose>Sebastian,</v>  
375 00:13:29.753 --> 00:13:32.352 so when you were using the relations  
376 00:13:32.352 --> 00:13:35.310 to (indistinct).  
377 00:13:35.310 --> 00:13:38.183 Right since, (indistinct)  
378 00:13:39.801 --> 00:13:43.410 (indistinct) basic way, from a (indistinct)  
379 00:13:43.410 --> 00:13:46.920 countries outside of the one such (indistinct)  
380 00:13:47.942 --> 00:13:48.775 Like that.  
381 00:13:48.775 --> 00:13:50.366 Let's imagine it forward, (indistinct)  
382 00:13:50.366 --> 00:13:55.127 (microphone interference plays)  
383 00:13:55.127 --> 00:13:56.710 <v ->Can you restate that a little bit?</v>  
384 00:13:56.710 --> 00:13:57.543 <v Rose>Yeah,</v>

385 00:13:57.543 --> 00:13:59.790 like how did, or are the (indistinct)  
386 00:13:59.790 --> 00:14:00.634 you'd liked to study in the country rather  
than,  
387 00:14:00.634 --> 00:14:01.467 (indistinct) other countries,  
388 00:14:01.467 --> 00:14:06.453 (indistinct) just your attitude in general.  
389 00:14:06.453 --> 00:14:07.303 Yeah, that's good?  
390 00:14:07.303 --> 00:14:09.387 <v ->Yeah, I think one of</v>  
391 00:14:09.387 --> 00:14:11.010 the things that I saw is that,  
392 00:14:11.010 --> 00:14:11.843 <v Mauro>Sebastian,</v>  
393 00:14:11.843 --> 00:14:13.110 would you mind repeating the question  
394 00:14:13.110 --> 00:14:14.220 a little bit louder?  
395 00:14:14.220 --> 00:14:15.053 <v ->Oh, yeah.</v>  
396 00:14:15.053 --> 00:14:15.886 <v Mauro>Yeah.</v>  
397 00:14:15.886 --> 00:14:18.030 <v ->So the question is kind of like,</v>  
398 00:14:18.030 --> 00:14:20.718 from what I saw of like what motivated,  
399 00:14:20.718 --> 00:14:22.709 (indistinct) my understanding.  
400 00:14:22.709 --> 00:14:24.440 What I saw that motivated like the occurrence  
401 00:14:24.440 --> 00:14:26.310 of these litigations in these countries.  
402 00:14:26.310 --> 00:14:30.210 Like, is there anything to like expand  
403 00:14:30.210 --> 00:14:32.790 to other countries based on that?  
404 00:14:32.790 --> 00:14:35.430 And I think like from my research,  
405 00:14:35.430 --> 00:14:37.650 what I could see is that a lot of the reason  
406 00:14:37.650 --> 00:14:39.660 why I was like so focused in these countries,  
407 00:14:39.660 --> 00:14:40.493 is because,  
408 00:14:40.493 --> 00:14:41.790 they're particularly in Latin America,  
409 00:14:41.790 --> 00:14:44.400 there's a lot of explicit protection  
410 00:14:44.400 --> 00:14:46.140 of the right to a healthy environment  
411 00:14:46.140 --> 00:14:48.240 within the constitutions of the countries.  
412 00:14:49.290 --> 00:14:50.820 As well as in regional agreements,  
413 00:14:50.820 --> 00:14:52.470 like, the one that I mentioned explicitly  
414 00:14:52.470 --> 00:14:54.780 was the protocol of San Salvador,

415 00:14:54.780 --> 00:14:57.360 which like also explicitly mentions  
416 00:14:57.360 --> 00:14:59.310 the right to a healthy environment.  
417 00:14:59.310 --> 00:15:02.534 But I think some of the most innovative cases  
418 00:15:02.534 --> 00:15:04.001 have been the one that,  
419 00:15:04.001 --> 00:15:05.160 have been the ones that have successfully  
420 00:15:05.160 --> 00:15:09.360 been able to link explicitly mentioned rights  
421 00:15:09.360 --> 00:15:11.406 in the constitution, such as the right to health,  
422 00:15:11.406 --> 00:15:12.450 there's the right to life,  
423 00:15:12.450 --> 00:15:14.280 to the right to a healthy environment.  
424 00:15:14.280 --> 00:15:16.890 And I think that's kind of like what can be  
used  
425 00:15:16.890 --> 00:15:18.840 to expand this sort of like,  
426 00:15:18.840 --> 00:15:21.000 human rights based litigation  
427 00:15:21.000 --> 00:15:24.090 to other countries that might not necessarily  
428 00:15:24.090 --> 00:15:25.650 include the right to a healthy environment  
429 00:15:25.650 --> 00:15:27.322 in their constitutions.  
430 00:15:27.322 --> 00:15:29.207 And yeah, does that answer your question?  
431 00:15:29.207 --> 00:15:31.785 <v Rose>Yeah, it does.</v>  
432 00:15:31.785 --> 00:15:33.948 <v Mauro>Thank you.</v>  
433 00:15:33.948 --> 00:15:34.781 Anybody?  
434 00:15:34.781 --> 00:15:35.938 Yeah, go ahead.  
435 00:15:35.938 --> 00:15:38.250 <v Audience Member>So you men-  
tioned,</v>  
436 00:15:38.250 --> 00:15:39.083 So you mentioned  
437 00:15:39.083 --> 00:15:42.040 that countries like the United States  
438 00:15:45.722 --> 00:15:48.139 (indistinct)  
439 00:15:49.790 --> 00:15:53.565 and it's (indistinct) strategies.  
440 00:15:53.565 --> 00:15:55.181 <v Sebastian>In terms of in the United  
States?</v>  
441 00:15:55.181 --> 00:15:56.247 <v Audience Member>Yeah.</v>  
442 00:15:56.247 --> 00:15:57.930 <v Mauro>Can you repeat that as well, Se-  
bastian?</v>

443 00:15:57.930 --> 00:15:59.002 <v Sebastian>Yeah.</v>  
444 00:15:59.002 --> 00:15:59.835 <v Mauro>I'll just say</v>  
445 00:15:59.835 --> 00:16:00.668 the standing rule for everybody as we do,  
446 00:16:00.668 --> 00:16:01.501 (panelist laughs)  
447 00:16:01.501 --> 00:16:02.334 we'll just repeat it.  
448 00:16:02.334 --> 00:16:03.167 I think they can hear us better on stage.  
449 00:16:03.167 --> 00:16:04.000 <v ->Yeah</v>  
450 00:16:04.000 --> 00:16:05.160 The question was like  
451 00:16:05.160 --> 00:16:08.520 what if, if human rights based arguments  
452 00:16:08.520 --> 00:16:10.530 weren't as frequent in the United States,  
453 00:16:10.530 --> 00:16:15.473 then why, what were the most frequent argu-  
ments?  
454 00:16:15.473 --> 00:16:16.770 I think my response to that  
455 00:16:16.770 --> 00:16:18.930 I'm not 100% sure,  
456 00:16:18.930 --> 00:16:21.210 because I didn't delve too much  
457 00:16:21.210 --> 00:16:22.530 into the cases in the United States.  
458 00:16:22.530 --> 00:16:23.460 That's another part of it,  
459 00:16:23.460 --> 00:16:26.010 is that these countries in the Global South  
460 00:16:26.010 --> 00:16:27.210 have a lot less cases,  
461 00:16:27.210 --> 00:16:29.910 it's just that a much greater proportion of  
them  
462 00:16:29.910 --> 00:16:32.730 have arguments based on human rights,  
463 00:16:32.730 --> 00:16:34.265 whereas like the United States  
464 00:16:34.265 --> 00:16:35.627 is maybe tenfold of the cases  
465 00:16:35.627 --> 00:16:37.563 of any of these countries.  
466 00:16:39.780 --> 00:16:42.630 And I think one of the things that I did see  
467 00:16:42.630 --> 00:16:43.670 about the cases in the United States  
468 00:16:43.670 --> 00:16:45.240 is that they're very,  
469 00:16:45.240 --> 00:16:48.063 they're based a lot more on existing laws,  
470 00:16:49.050 --> 00:16:50.493 existing regulations,  
471 00:16:52.020 --> 00:16:54.720 while the cases in the Global South,

472 00:16:54.720 --> 00:16:57.630 they're based a lot more on the fact  
473 00:16:57.630 --> 00:16:58.770 that maybe regulations  
474 00:16:58.770 --> 00:17:03.120 are being not fully achieved.  
475 00:17:03.120 --> 00:17:05.160 And so the human rights based arguments are  
like,  
476 00:17:05.160 --> 00:17:06.180 you're violating my right  
477 00:17:06.180 --> 00:17:08.490 by not fulfilling your obligation  
478 00:17:08.490 --> 00:17:12.873 to like not allow people love, for example.  
479 00:17:13.980 --> 00:17:14.970 Whereas in the United States,  
480 00:17:14.970 --> 00:17:17.580 it's lot more about trying increase recommen-  
dations  
481 00:17:17.580 --> 00:17:18.630 and things like that.  
482 00:17:20.070 --> 00:17:22.120 So I don't have a full answer to your questions.  
483 00:17:22.120 --> 00:17:23.600 <v Audience Member>No, by all means, it's  
cool.</v>  
484 00:17:23.600 --> 00:17:25.170 <v ->Yeah, no problem.</v>  
485 00:17:25.170 --> 00:17:26.370 <v Mauro>We have a few minutes left,</v>  
486 00:17:26.370 --> 00:17:27.240 and I just wanna flag  
487 00:17:27.240 --> 00:17:28.093 that Devin asked  
488 00:17:28.093 --> 00:17:31.320 a great question in the chat, and it says,  
489 00:17:31.320 --> 00:17:32.153 As developing  
490 00:17:32.153 --> 00:17:34.620 public health professionals/researchers,  
491 00:17:34.620 --> 00:17:37.500 where do you prioritize climate change and  
health  
492 00:17:37.500 --> 00:17:39.480 in your list of public health interests,  
493 00:17:39.480 --> 00:17:40.373 and how does this influence  
494 00:17:40.373 --> 00:17:42.000 your career aspirations?  
495 00:17:42.000 --> 00:17:42.833 And maybe we'll start  
496 00:17:42.833 --> 00:17:45.270 with Emily and go the other way?  
497 00:17:45.270 --> 00:17:46.612 Sorry to put you on the spot, Emily.  
498 00:17:46.612 --> 00:17:47.445 <v ->Yeah?</v>  
499 00:17:47.445 --> 00:17:48.278 <v ->Not really.</v>

500 00:17:48.278 --> 00:17:49.111 (laughs)  
501 00:17:49.111 --> 00:17:49.944 <v ->No, that's fine.</v>  
502 00:17:49.944 --> 00:17:50.777 Sure, well, yeah,  
503 00:17:50.777 --> 00:17:51.610 I would say that  
504 00:17:51.610 --> 00:17:52.443 as far as the research that I do,  
505 00:17:53.593 --> 00:17:54.426 I primarily focus  
506 00:17:54.426 --> 00:17:55.620 on climate change involved research,  
507 00:17:55.620 --> 00:17:58.560 that is one of my top research interests,  
508 00:17:58.560 --> 00:18:01.517 and it's what I hope to do professionally.  
509 00:18:01.517 --> 00:18:04.560 And so I think looking specifically at Yale,  
510 00:18:04.560 --> 00:18:06.980 again, I do a lot of work  
511 00:18:06.980 --> 00:18:09.180 at the intersections of both that environment,  
512 00:18:09.180 --> 00:18:10.410 a lot with collaborations  
513 00:18:10.410 --> 00:18:11.511 with the School of the Environment  
514 00:18:11.511 --> 00:18:13.317 and the School of Public Health.  
515 00:18:13.317 --> 00:18:14.150 And so yeah,  
516 00:18:14.150 --> 00:18:16.413 I would hope to continue in that space.  
517 00:18:18.690 --> 00:18:19.523 <v ->Yeah,</v>  
518 00:18:19.523 --> 00:18:22.590 so I'm from an environmental science back-  
ground,  
519 00:18:22.590 --> 00:18:23.670 so I would also say  
520 00:18:23.670 --> 00:18:25.320 that climate change and health  
521 00:18:25.320 --> 00:18:27.990 is one of my top interests.  
522 00:18:27.990 --> 00:18:30.090 I hope to go into some sort  
523 00:18:30.090 --> 00:18:30.990 of environmental management,  
524 00:18:30.990 --> 00:18:33.840 where I help companies achieve  
525 00:18:33.840 --> 00:18:37.599 their sustainability and environmental goals.  
526 00:18:37.599 --> 00:18:38.432 But more specifically,  
527 00:18:38.432 --> 00:18:41.370 I'm interested in how climate change  
528 00:18:41.370 --> 00:18:43.290 impacts human, wildlife,  
529 00:18:43.290 --> 00:18:44.643 and environmental health.

530 00:18:45.630 --> 00:18:47.930 All three groups are very closely intertwined,  
531 00:18:49.230 --> 00:18:50.365 and yeah.  
532 00:18:50.365 --> 00:18:52.104 Just climate change is so terrible,  
533 00:18:52.104 --> 00:18:54.271 it really makes it a huge  
534 00:18:55.167 --> 00:18:58.890 and I think it's even more than ever  
535 00:18:58.890 --> 00:19:01.200 that we gotta' take action.  
536 00:19:01.200 --> 00:19:02.460 <v ->I would add,</v>  
537 00:19:02.460 --> 00:19:03.293 well,  
538 00:19:03.293 --> 00:19:06.540 my background is not directly related to cli-  
mate,  
539 00:19:06.540 --> 00:19:08.010 it's in health workforce  
540 00:19:08.010 --> 00:19:09.390 development and other areas  
541 00:19:09.390 --> 00:19:11.823 of workforce development and mental health,  
542 00:19:12.780 --> 00:19:14.190 but when I came to Yale,  
543 00:19:14.190 --> 00:19:17.250 I felt a pretty strong sense of duty  
544 00:19:17.250 --> 00:19:18.237 to be in the climate change  
545 00:19:18.237 --> 00:19:20.520 and health concentration.  
546 00:19:20.520 --> 00:19:21.353 So I think,  
547 00:19:21.353 --> 00:19:22.186 I mean, I think everyone should  
548 00:19:22.186 --> 00:19:23.019 be in the concentration  
549 00:19:23.019 --> 00:19:25.260 if they don't already have, you know,  
550 00:19:25.260 --> 00:19:27.093 a lot of knowledge in that area.  
551 00:19:27.990 --> 00:19:30.120 But in terms of my career specifically,  
552 00:19:30.120 --> 00:19:31.560 whether or not I like have  
553 00:19:31.560 --> 00:19:34.050 a very direct climate and health job,  
554 00:19:34.050 --> 00:19:34.938 I know that no matter what area  
555 00:19:34.938 --> 00:19:37.140 of public health I go into,  
556 00:19:37.140 --> 00:19:40.170 climate change will impact that area in some  
way,  
557 00:19:40.170 --> 00:19:43.020 so I absolutely consider it a priority  
558 00:19:43.020 --> 00:19:48.020 and am, you know, interested and looking  
forward

559 00:19:48.810 --> 00:19:50.010 to the ways in which all  
560 00:19:50.010 --> 00:19:51.090 public health professionals  
561 00:19:51.090 --> 00:19:52.680 can integrate responding  
562 00:19:52.680 --> 00:19:54.453 to climate change into their jobs.  
563 00:19:57.180 --> 00:19:59.400 <v ->I mean, I'm an undergraduate,</v>  
564 00:19:59.400 --> 00:20:00.360 and as I mentioned,  
565 00:20:00.360 --> 00:20:02.025 I'm majoring in environmental studies,  
566 00:20:02.025 --> 00:20:03.300 and so I think it is also like  
567 00:20:03.300 --> 00:20:05.280 the bulk of my interests,  
568 00:20:05.280 --> 00:20:08.166 in terms of its connections to public health,  
569 00:20:08.166 --> 00:20:11.130 those connections are the bulk of my interests.  
570 00:20:11.130 --> 00:20:13.650 I think in terms of how it influences  
571 00:20:13.650 --> 00:20:14.850 my career aspirations,  
572 00:20:14.850 --> 00:20:16.650 I think it reaffirms my passion  
573 00:20:16.650 --> 00:20:19.056 for like environmental justice in particular,  
574 00:20:19.056 --> 00:20:20.563 because I think like,  
575 00:20:20.563 --> 00:20:23.110 I mean, any changes in the environment  
576 00:20:24.000 --> 00:20:26.640 burden our most disadvantaged communities  
577 00:20:26.640 --> 00:20:28.410 and they're only gonna exacerbate  
578 00:20:28.410 --> 00:20:33.240 any existing health equity gaps, and so,  
579 00:20:33.240 --> 00:20:34.740 I don't know, that's kinda like,  
580 00:20:34.740 --> 00:20:36.733 what motivates me, I guess.  
581 00:20:38.280 --> 00:20:39.540 <v Mauro>Great, thank you.</v>  
582 00:20:39.540 --> 00:20:41.430 Any last minute questions?  
583 00:20:41.430 --> 00:20:44.493 Devin, thank you for that great question on-  
line.  
584 00:20:45.810 --> 00:20:46.920 If no questions,  
585 00:20:46.920 --> 00:20:48.630 then we'll transition to our next panel,  
586 00:20:48.630 --> 00:20:49.710 but just one final round  
587 00:20:49.710 --> 00:20:51.140 of talk, panel number one.  
588 00:20:54.330 --> 00:20:57.090 In panel number two, we have Mitchell,

589 00:20:57.090 --> 00:21:00.213 Ruihan, Noel, Finn and Adriana.  
590 00:21:02.160 --> 00:21:04.882 And we do need another chair, so excuse me.  
591 00:21:04.882 --> 00:21:08.465 (indistinct) a little bit.  
592 00:21:14.407 --> 00:21:18.157 (camera disturbance happens)  
593 00:21:25.590 --> 00:21:28.923 (people laugh and chat)  
594 00:21:36.180 --> 00:21:37.743 Wonderful. We all here?  
595 00:21:39.300 --> 00:21:40.133 Great.  
596 00:21:45.873 --> 00:21:48.040 (silence)  
597 00:21:50.460 --> 00:21:51.293 All right.  
598 00:21:52.710 --> 00:21:54.310 We're gonna start with Mitchell.  
599 00:21:55.273 --> 00:21:56.106 <v ->Everyone.</v>  
600 00:21:56.106 --> 00:21:56.939 My name is Mitchell  
601 00:21:56.939 --> 00:21:58.350 and I'm a second student in the sociable  
602 00:21:58.350 --> 00:22:00.030 with behavioral sciences department  
603 00:22:00.030 --> 00:22:01.230 concentrating in climate  
604 00:22:01.230 --> 00:22:02.400 change and health.  
605 00:22:02.400 --> 00:22:03.510 This summer I worked at  
606 00:22:03.510 --> 00:22:05.130 the California Department of Public Health,  
607 00:22:05.130 --> 00:22:05.963 specifically in  
608 00:22:05.963 --> 00:22:08.180 their climate change and health equity section  
609 00:22:09.660 --> 00:22:10.493 and I worked  
610 00:22:10.493 --> 00:22:11.730 on two main projects with the section.  
611 00:22:11.730 --> 00:22:12.563 The first one is,  
612 00:22:12.563 --> 00:22:14.010 you can see on the screen here  
613 00:22:14.010 --> 00:22:17.520 is a interactive online  
614 00:22:17.520 --> 00:22:19.770 dashboard for wildfire smoke pool  
615 00:22:19.770 --> 00:22:22.410 exposure in the state of California.  
616 00:22:22.410 --> 00:22:24.090 And this kind of captured  
617 00:22:24.090 --> 00:22:26.640 visually and quantitatively the  
618 00:22:26.640 --> 00:22:27.600 number of people  
619 00:22:27.600 --> 00:22:30.210 and the duration of time for which people

620 00:22:30.210 --> 00:22:31.470 in California were exposed  
621 00:22:31.470 --> 00:22:32.925 to wildfire smoke pools.  
622 00:22:32.925 --> 00:22:34.710 And it gives policymakers  
623 00:22:34.710 --> 00:22:36.720 a tool to understand where  
624 00:22:36.720 --> 00:22:40.020 exposures are most often and most severe.  
625 00:22:40.020 --> 00:22:41.013 And the second project  
626 00:22:41.013 --> 00:22:43.740 that I worked on was updating the  
627 00:22:43.740 --> 00:22:46.650 climate change and health equity sections,  
628 00:22:46.650 --> 00:22:47.751 climate change  
629 00:22:47.751 --> 00:22:49.950 and health vulnerability indicators which are  
630 00:22:49.950 --> 00:22:51.660 variety of health indicators  
631 00:22:51.660 --> 00:22:54.000 that contribute to climate vulnerability.  
632 00:22:54.000 --> 00:22:55.350 And the two that I worked on  
633 00:22:55.350 --> 00:22:57.690 were violent crime rate and the  
634 00:22:57.690 --> 00:22:58.740 prevalence of air conditioning  
635 00:22:58.740 --> 00:23:00.360 in the state of California.  
636 00:23:00.360 --> 00:23:01.800 And as you can see from the screen here,  
637 00:23:01.800 --> 00:23:06.450 most of my work was in data and coding.  
638 00:23:06.450 --> 00:23:08.160 So it was very applicable  
639 00:23:08.160 --> 00:23:10.500 using the biostatistics course and  
640 00:23:10.500 --> 00:23:13.563 the foundation of course from the first year.  
641 00:23:14.700 --> 00:23:15.780 And I'm happy to answer any questions.  
642 00:23:15.780 --> 00:23:19.293 about the data side or the outpatient side.  
643 00:23:21.900 --> 00:23:23.453 <v Mauro>Great, thank you Mitchell.</v>  
644 00:23:29.700 --> 00:23:31.575 It would help if I put the next slide up,  
645 00:23:31.575 --> 00:23:32.408 (person laughs)  
646 00:23:32.408 --> 00:23:33.682 There we go.  
647 00:23:33.682 --> 00:23:35.657 <v ->Hey everyone, my name's (indis-  
tinct)</v>  
648 00:23:35.657 --> 00:23:36.490 my second year masters (indistinct)  
649 00:23:36.490 --> 00:23:37.560 in Biostatistics.

650 00:23:37.560 --> 00:23:39.665 And this summer I worked (indistinct)  
651 00:23:39.665 --> 00:23:44.665 internship (indistinct)  
652 00:23:45.140 --> 00:23:47.814 We all know that (indistinct)  
653 00:23:47.814 --> 00:23:49.855 that over the past decade and  
654 00:23:49.855 --> 00:23:50.693 really, dramatically accelerating especially.  
655 00:23:54.180 --> 00:23:56.736 So in this study my job was mainly  
656 00:23:56.736 --> 00:23:59.653 the statistical analysis and for our  
657 00:23:59.653 --> 00:24:03.273 study, our study population, it's all the,  
658 00:24:05.051 --> 00:24:07.092 and what I did was to first  
659 00:24:07.092 --> 00:24:08.765 (indistinct)  
660 00:24:08.765 --> 00:24:13.090 demographic telehealth versus visits,  
661 00:24:13.090 --> 00:24:16.250 (indistinct)  
662 00:24:16.250 --> 00:24:19.383 also identify the demographic predictives,  
663 00:24:21.180 --> 00:24:23.760 for (indistinct)  
664 00:24:24.900 --> 00:24:26.672 also (indistinct)  
665 00:24:26.672 --> 00:24:27.505 identify patient populations  
666 00:24:27.505 --> 00:24:30.600 (indistinct) telehealth during the  
667 00:24:30.600 --> 00:24:31.950 pandemic.  
668 00:24:31.950 --> 00:24:33.377 So for (indistinct),  
669 00:24:33.377 --> 00:24:38.367 we found that telehealth not only have not  
much impact on  
670 00:24:38.367 --> 00:24:42.210 the original (indistinct)  
671 00:24:42.210 --> 00:24:45.623 but can also help to promote the development  
of  
672 00:24:45.623 --> 00:24:49.403 telehealth expansion (indistinct)  
673 00:24:49.403 --> 00:24:54.403 And for patients we identify that patients the  
age of 55 who  
674 00:24:56.179 --> 00:24:59.004 are black African Americans who are,  
675 00:24:59.004 --> 00:25:01.421 (indistinct)  
676 00:25:04.645 --> 00:25:05.478 so that's it (indistinct)  
677 00:25:05.478 --> 00:25:08.733 our discovery thank you so much.  
678 00:25:09.930 --> 00:25:11.430 <v Mauro>Thank you very much.</v>

679 00:25:15.552 --> 00:25:16.800 <v ->Hi everyone, my name is Noelle,</v>  
680 00:25:16.800 --> 00:25:17.908 I'm a second year  
681 00:25:17.908 --> 00:25:19.050 at Yale School of Public Health and  
682 00:25:19.050 --> 00:25:21.030 Department of Social Behavioral Sciences  
683 00:25:21.030 --> 00:25:22.920 and in the US health justice concentration.  
684 00:25:22.920 --> 00:25:24.240 So I spent the summer working  
685 00:25:24.240 --> 00:25:25.560 with the Yale Center on  
686 00:25:25.560 --> 00:25:26.506 Climate Change and Health, specifically  
687 00:25:26.506 --> 00:25:28.260 with Dr. Laura Bozi  
688 00:25:28.260 --> 00:25:29.880 who's the director of Yale Center on Climate  
689 00:25:29.880 --> 00:25:30.870 Change and Health.  
690 00:25:30.870 --> 00:25:31.890 And I worked on one of  
691 00:25:31.890 --> 00:25:33.270 the action items associated with  
692 00:25:33.270 --> 00:25:34.103 the (indistinct) grant.  
693 00:25:34.103 --> 00:25:35.580 So it's a CDC grant called  
694 00:25:35.580 --> 00:25:37.522 the Building Resilience Against  
695 00:25:37.522 --> 00:25:38.355 Climate Effects.  
696 00:25:38.355 --> 00:25:40.980 And it was provided to CDPH and YCCCCH.  
697 00:25:40.980 --> 00:25:42.960 So one of the tasks and  
698 00:25:42.960 --> 00:25:44.070 the main deliverable that I worked  
699 00:25:44.070 --> 00:25:45.541 on this summer was coming up  
700 00:25:45.541 --> 00:25:46.980 with a template municipal  
701 00:25:46.980 --> 00:25:49.920 extreme heat and air quality response plan.  
702 00:25:49.920 --> 00:25:51.180 So essentially this was  
703 00:25:51.180 --> 00:25:52.680 a very long document that being sort  
704 00:25:52.680 --> 00:25:54.420 of a hundred pages  
705 00:25:54.420 --> 00:25:56.430 that details four municipality that's  
706 00:25:56.430 --> 00:25:57.810 chosen for this grant,  
707 00:25:57.810 --> 00:25:58.860 what kinds of components  
708 00:25:58.860 --> 00:26:00.660 they should be expected or should  
709 00:26:00.660 --> 00:26:01.493 consider including when

710 00:26:01.493 --> 00:26:03.360 they create their own plan that's  
711 00:26:03.360 --> 00:26:04.590 focusing on extreme heat  
712 00:26:04.590 --> 00:26:07.380 and a particular focus on (indistinct) ozone.  
713 00:26:07.380 --> 00:26:08.580 So the biggest components  
714 00:26:08.580 --> 00:26:10.530 of this plan really focused on  
715 00:26:10.530 --> 00:26:12.330 general stakeholder roles, responsibilities,  
716 00:26:12.330 --> 00:26:13.290 so at all levels of  
717 00:26:13.290 --> 00:26:15.300 the government and for the particular  
718 00:26:15.300 --> 00:26:16.890 focus on the community  
719 00:26:16.890 --> 00:26:19.200 and municipal levels detailing what  
720 00:26:19.200 --> 00:26:21.330 some of these activation phases and activities  
are  
721 00:26:21.330 --> 00:26:22.163 pre seasonally,  
722 00:26:22.163 --> 00:26:24.090 seasonally and during periods  
723 00:26:24.090 --> 00:26:26.640 of heightened temperatures or  
724 00:26:26.640 --> 00:26:28.080 ground ozone conditions.  
725 00:26:28.080 --> 00:26:30.480 And perhaps the biggest piece  
726 00:26:30.480 --> 00:26:32.190 was talking about climate change resilience.  
727 00:26:32.190 --> 00:26:33.870 So this plan kind of differed  
728 00:26:33.870 --> 00:26:35.250 from others in that not only  
729 00:26:35.250 --> 00:26:37.290 did it combine address extreme heat  
730 00:26:37.290 --> 00:26:38.670 and ground level ozone  
731 00:26:38.670 --> 00:26:39.780 but also looked at how  
732 00:26:39.780 --> 00:26:41.640 you can build resilience in the short  
733 00:26:41.640 --> 00:26:43.890 and long term at the community level.  
734 00:26:43.890 --> 00:26:45.300 So this resource will be  
735 00:26:45.300 --> 00:26:46.765 ultimately shared with whichever  
736 00:26:46.765 --> 00:26:48.720 useful local health departments  
737 00:26:48.720 --> 00:26:50.070 are chosen for the grant and  
738 00:26:50.070 --> 00:26:51.480 they'll be able to use this resource  
739 00:26:51.480 --> 00:26:52.530 to really help fill in

740 00:26:52.530 --> 00:26:53.520 the details and without,  
741 00:26:53.520 --> 00:26:55.053 what they want their response  
742 00:26:55.053 --> 00:26:57.636 to climate change to level out.  
743 00:26:59.286 --> 00:27:00.536 <v Mauro>Okay.</v>  
744 00:27:04.101 --> 00:27:04.934 Okay.  
745 00:27:04.934 --> 00:27:06.010 <v ->Hi everyone, my name's Finn.</v>  
746 00:27:06.010 --> 00:27:08.130 I'm a second year mph,  
747 00:27:08.130 --> 00:27:10.230 Environmental Mental Health Science Depart-  
ment  
748 00:27:10.230 --> 00:27:12.060 and this summer I was able  
749 00:27:12.060 --> 00:27:13.846 to work with Connecticut Department  
750 00:27:13.846 --> 00:27:14.850 of Public Health  
751 00:27:14.850 --> 00:27:17.580 with generous funding from solid scholarship.  
752 00:27:17.580 --> 00:27:20.880 And so as you see in the above image,  
753 00:27:20.880 --> 00:27:25.410 I modeled risk for any vulnerabilities  
754 00:27:25.410 --> 00:27:28.140 to climate change for infrastructure in Con-  
necticut.  
755 00:27:28.140 --> 00:27:29.310 Really the first goal,  
756 00:27:29.310 --> 00:27:30.570 the first thing that was given to me  
757 00:27:30.570 --> 00:27:33.900 was to look at public water systems  
758 00:27:33.900 --> 00:27:34.800 in the states.  
759 00:27:34.800 --> 00:27:36.243 So these are places with,  
760 00:27:38.580 --> 00:27:39.708 you know,  
761 00:27:39.708 --> 00:27:40.541 have water dispensed  
762 00:27:40.541 --> 00:27:41.970 at their location for 25  
763 00:27:41.970 --> 00:27:44.250 or more people are needed.  
764 00:27:44.250 --> 00:27:46.671 This could be like a dunkin' donuts  
765 00:27:46.671 --> 00:27:48.867 or like maybe hospital.  
766 00:27:48.867 --> 00:27:51.869 And so I looked at these poly water systems,  
767 00:27:51.869 --> 00:27:52.702 I found out which ones  
768 00:27:52.702 --> 00:27:55.007 had incident violations in the last

769 00:27:55.007 --> 00:27:56.790 year, could be like chemical spills,  
770 00:27:56.790 --> 00:27:58.410 eco contamination  
771 00:27:58.410 --> 00:28:00.780 and also like intake (indistinct)  
772 00:28:00.780 --> 00:28:04.410 These were diagnosed as being vulnerable  
home,  
773 00:28:04.410 --> 00:28:06.627 public water system, vulnerable infrastruc-  
ture.  
774 00:28:06.627 --> 00:28:07.580 So I looked at the cluster  
775 00:28:07.580 --> 00:28:10.380 of these public water systems,  
776 00:28:10.380 --> 00:28:11.550 associate that with  
777 00:28:11.550 --> 00:28:13.250 the mass critical facilities around,  
778 00:28:13.250 --> 00:28:16.110 so hospitals, nursing homes, schools,  
779 00:28:16.110 --> 00:28:17.520 so that we could find areas  
780 00:28:17.520 --> 00:28:19.005 in the state where they was like  
781 00:28:19.005 --> 00:28:21.629 a lot of vulnerable public water system  
782 00:28:21.629 --> 00:28:23.007 for the last 10 years.  
783 00:28:23.007 --> 00:28:24.981 And then really the final part  
784 00:28:24.981 --> 00:28:26.226 of this project been this,  
785 00:28:26.226 --> 00:28:27.059 this model.  
786 00:28:27.059 --> 00:28:28.490 So I kinda put this in context  
787 00:28:28.490 --> 00:28:30.445 of climate change and I'm  
788 00:28:30.445 --> 00:28:33.299 made an overlay model on on the js,  
789 00:28:33.299 --> 00:28:36.430 so I linked it as the public water system  
790 00:28:37.380 --> 00:28:38.213 infrastructure layer.  
791 00:28:38.213 --> 00:28:41.190 So rather having issues and violations.  
792 00:28:41.190 --> 00:28:43.440 So that was, that was our 20%.  
793 00:28:43.440 --> 00:28:45.510 Then I also added in  
794 00:28:45.510 --> 00:28:48.114 social vulnerability to the models,  
795 00:28:48.114 --> 00:28:48.947 that being a factor  
796 00:28:48.947 --> 00:28:50.722 of making people more vulnerable to  
797 00:28:50.722 --> 00:28:52.838 having more infrastructure issues.

798 00:28:52.838 --> 00:28:55.861 That was 40%, approximately 40%.  
799 00:28:55.861 --> 00:28:56.694 And then lastly I added in  
800 00:28:56.694 --> 00:28:58.350 these climate change factors such  
801 00:28:58.350 --> 00:29:00.925 as soil drainage, water storage,  
802 00:29:00.925 --> 00:29:02.800 drought issues that commonly  
803 00:29:02.800 --> 00:29:05.556 could affect water structure,  
804 00:29:05.556 --> 00:29:09.022 also key vulnerability and lastly flood risk.  
805 00:29:09.022 --> 00:29:10.447 So I believe all together  
806 00:29:10.447 --> 00:29:12.705 in the model and as you see in above  
807 00:29:12.705 --> 00:29:13.538 in the red areas  
808 00:29:13.538 --> 00:29:16.154 of where areas that were seen as being  
809 00:29:16.154 --> 00:29:18.845 vulnerable to climate change affecting our  
water  
810 00:29:18.845 --> 00:29:19.678 infrastructure.  
811 00:29:19.678 --> 00:29:22.230 And generally the biggest confusion that came  
812 00:29:22.230 --> 00:29:24.720 out was used in midsize cities,  
813 00:29:24.720 --> 00:29:25.650 particularly Danbury, (indistinct),  
814 00:29:25.650 --> 00:29:28.245 and Waterbury were areas that,  
815 00:29:28.245 --> 00:29:30.438 you know, they had high social mobility,  
816 00:29:30.438 --> 00:29:31.881 they had a lot  
817 00:29:31.881 --> 00:29:33.589 of interesting infrastructure issues in the last  
818 00:29:33.589 --> 00:29:34.890 10 years maybe also.  
819 00:29:36.764 --> 00:29:39.030 These climate factors are listed.  
820 00:29:39.030 --> 00:29:40.560 The biggest real challenge  
821 00:29:40.560 --> 00:29:42.180 of this whole project is trying  
822 00:29:42.180 --> 00:29:45.780 to understand how social vulnerability,  
823 00:29:45.780 --> 00:29:46.974 climate change,  
824 00:29:46.974 --> 00:29:49.470 and infrastructure issues all come together  
825 00:29:49.470 --> 00:29:50.607 and compound each other  
826 00:29:50.607 --> 00:29:52.274 to make people more vulnerable  
827 00:29:52.274 --> 00:29:53.940 to climate change effects.

828 00:29:53.940 --> 00:29:54.773 Yeah.

829 00:29:55.673 --> 00:29:56.506 (microphone moves)

830 00:29:56.506 --> 00:29:58.923 (indistinct)

831 00:30:01.244 --> 00:30:03.609 <v ->Hi name is Adriana.</v>

832 00:30:03.609 --> 00:30:04.442 I'm a third year

833 00:30:04.442 --> 00:30:08.525 Indian college majoring in environmental studies.

834 00:30:10.083 --> 00:30:12.983 This is my second year working on the

835 00:30:14.319 --> 00:30:17.385 project's (indistinct).

836 00:30:17.385 --> 00:30:19.135 It's a joint project.

837 00:30:23.686 --> 00:30:27.510 It's between, between YCCCH and Circa.

838 00:30:27.510 --> 00:30:29.206 And the main role and product

839 00:30:29.206 --> 00:30:33.200 of the project was to create a

840 00:30:33.200 --> 00:30:36.390 an extreme (indistinct) computers

841 00:30:36.390 --> 00:30:37.615 So,

842 00:30:37.615 --> 00:30:38.448 so that means that

843 00:30:39.923 --> 00:30:41.857 I was putting together set up different

844 00:30:41.857 --> 00:30:43.990 resources and recommendations

845 00:30:46.324 --> 00:30:48.333 that municipal leaders throughout Connecticut

846 00:30:48.333 --> 00:30:50.283 event tailored to their local contexts.

847 00:30:51.960 --> 00:30:53.807 The key deliverables

848 00:30:53.807 --> 00:30:55.247 that came outta' this toolkit are a

849 00:30:55.247 --> 00:30:56.460 useful policy

850 00:30:56.460 --> 00:31:00.150 and planning option overview table which

851 00:31:00.150 --> 00:31:02.340 provides examples of best practices

852 00:31:02.340 --> 00:31:04.182 that already implement by throughout

853 00:31:04.182 --> 00:31:06.599 (indistinct)

854 00:31:07.590 --> 00:31:09.082 throughout the country

855 00:31:09.082 --> 00:31:11.323 so that school leaders can have an

856 00:31:11.323 --> 00:31:12.323 idea of what

857 00:31:14.197 --> 00:31:15.456 potential policy implement here  
858 00:31:15.456 --> 00:31:18.172 in Connecticut and have a guide  
859 00:31:18.172 --> 00:31:21.167 for how do that based on these already existing  
860 00:31:23.998 --> 00:31:25.680 policies elsewhere.  
861 00:31:25.680 --> 00:31:29.073 And then also a center investment practice  
guide,  
862 00:31:30.840 --> 00:31:33.152 public communications packet.  
863 00:31:33.152 --> 00:31:35.002 This was something they found useful.  
864 00:31:37.011 --> 00:31:39.428 (indistinct)  
865 00:31:41.402 --> 00:31:43.202 useful response planners  
866 00:31:43.202 --> 00:31:47.626 throughout Connecticut and they  
867 00:31:47.626 --> 00:31:48.540 express that they would like  
868 00:31:48.540 --> 00:31:50.920 to improve their communication  
869 00:31:50.920 --> 00:31:52.469 to presidents.  
870 00:31:52.469 --> 00:31:54.719 So in communications packet  
871 00:31:56.432 --> 00:31:58.573 I made sure to include  
872 00:31:58.573 --> 00:32:00.564 communications templates  
873 00:32:00.564 --> 00:32:03.397 that leaders can download and edit  
874 00:32:04.469 --> 00:32:05.552 according to,  
875 00:32:07.380 --> 00:32:09.353 according to the local projects.  
876 00:32:10.577 --> 00:32:13.623 And and also an equity guide  
877 00:32:13.623 --> 00:32:16.500 and extreme key resources  
878 00:32:16.500 --> 00:32:18.741 for people who may vulnerable to  
879 00:32:18.741 --> 00:32:20.104 extreme heat.  
880 00:32:20.104 --> 00:32:20.937 And.  
881 00:32:22.204 --> 00:32:26.278 What's the (indistinct)  
882 00:32:26.278 --> 00:32:28.695 (indistinct)  
883 00:32:30.719 --> 00:32:33.136 (indistinct)  
884 00:32:34.252 --> 00:32:39.252 really rewarding (indistinct)  
885 00:32:42.600 --> 00:32:44.350 <v Mauro>Great, thank you Adriana.</v>  
886 00:32:45.840 --> 00:32:47.970 All right, so just as a reminder, these are our,

887 00:32:47.970 --> 00:32:52.290 our speakers and where they were interning.  
888 00:32:52.290 --> 00:32:53.250 If you'll excuse me,  
889 00:32:53.250 --> 00:32:57.030 I'm gonna pull up this  
890 00:32:57.030 --> 00:32:58.500 so if anybody has a question.  
891 00:32:58.500 --> 00:32:59.430 Yes, go ahead.  
892 00:32:59.430 --> 00:33:00.776 <v Audience Member>Hi,</v>  
893 00:33:00.776 --> 00:33:01.609 thank you for sharing that.  
894 00:33:01.609 --> 00:33:04.110 I'm curious in everybody's case  
895 00:33:04.110 --> 00:33:05.460 if there were particular  
896 00:33:05.460 --> 00:33:08.250 courses or skills that you had  
897 00:33:08.250 --> 00:33:10.020 or took that helped you in  
898 00:33:10.020 --> 00:33:11.340 your placement  
899 00:33:11.340 --> 00:33:14.340 and if you had that preexisting two coursework  
900 00:33:14.340 --> 00:33:16.020 where coursework was the primary way you  
901 00:33:16.020 --> 00:33:17.170 developed those skills.  
902 00:33:18.180 --> 00:33:19.013 <v Mauro>Just very quickly</v>  
903 00:33:19.013 --> 00:33:19.890 for the online audience,  
904 00:33:19.890 --> 00:33:20.723 the question was  
905 00:33:20.723 --> 00:33:24.810 were there skills or courses beforehand  
906 00:33:24.810 --> 00:33:25.643 that were useful  
907 00:33:25.643 --> 00:33:29.100 in the placement for each one of our panelists?  
908 00:33:29.100 --> 00:33:31.650 So I'll just turn it over if anybody has an  
answer.  
909 00:33:34.980 --> 00:33:36.360 <v ->I would say absolutely.</v>  
910 00:33:36.360 --> 00:33:38.970 I know some of the, the concepts  
911 00:33:38.970 --> 00:33:42.426 of R and biostats one and two were directly  
912 00:33:42.426 --> 00:33:43.920 applicable to my internship  
913 00:33:43.920 --> 00:33:45.780 because as I shown on the screen  
914 00:33:45.780 --> 00:33:50.780 most of my code and that did also apply in  
terms.  
915 00:33:51.508 --> 00:33:53.925 (indistinct)

916 00:33:58.320 --> 00:34:01.830 <v ->I used (indistinct)</v>  
917 00:34:04.680 --> 00:34:05.700 I did lower Python  
918 00:34:05.700 --> 00:34:09.644 in my program doing the JS models and the  
919 00:34:09.644 --> 00:34:11.960 maps and dashboards  
920 00:34:11.960 --> 00:34:14.086 for the Department of Health and that  
921 00:34:14.086 --> 00:34:18.060 was like all skills I learned from her.  
922 00:34:18.060 --> 00:34:22.542 And also exposure science with Dr. (indis-  
tinct)  
923 00:34:22.542 --> 00:34:24.193 great course.  
924 00:34:24.193 --> 00:34:25.026 Really open your eyes  
925 00:34:25.026 --> 00:34:27.586 a bit more to the way climate can affect  
926 00:34:27.586 --> 00:34:28.919 people's health.  
927 00:34:30.440 --> 00:34:31.931 <v ->I would add to that in terms of</v>  
928 00:34:31.931 --> 00:34:33.278 or sort climate changing  
929 00:34:33.278 --> 00:34:35.144 little health with Dr. Dubrow,  
930 00:34:35.144 --> 00:34:35.977 I really enjoyed that class.  
931 00:34:35.977 --> 00:34:36.810 It was really helpful.  
932 00:34:36.810 --> 00:34:37.920 I think it orienting myself  
933 00:34:37.920 --> 00:34:39.900 on more granular nuance level  
934 00:34:39.900 --> 00:34:40.830 for the different facts  
935 00:34:40.830 --> 00:34:43.110 of climate change on population  
936 00:34:43.110 --> 00:34:43.943 health,  
937 00:34:43.943 --> 00:34:44.970 on the actual occurrence  
938 00:34:44.970 --> 00:34:46.050 of weather related disaster,  
939 00:34:46.050 --> 00:34:47.610 things like that.  
940 00:34:47.610 --> 00:34:48.839 I also think some of  
941 00:34:48.839 --> 00:34:49.950 the research I did before with Dr.  
942 00:34:49.950 --> 00:34:51.660 Sarah Lowe was really helpful.  
943 00:34:51.660 --> 00:34:52.560 I've been able to work  
944 00:34:52.560 --> 00:34:55.071 with her with the trauma (indistinct)

945 00:34:55.071 --> 00:34:57.420 here by speech and on the risk project which  
is

946 00:34:57.420 --> 00:34:58.920 resilience survivors of Katrina.

947 00:34:58.920 --> 00:35:00.510 So I think kind of having

948 00:35:00.510 --> 00:35:02.550 that research based exposure

949 00:35:02.550 --> 00:35:03.720 broadly like what impacts

950 00:35:03.720 --> 00:35:04.770 of climate change are and seeing

951 00:35:04.770 --> 00:35:05.837 what it's looking like

952 00:35:05.837 --> 00:35:07.740 as the study unfolds and then having

953 00:35:07.740 --> 00:35:09.603 that super helpful.

954 00:35:15.297 --> 00:35:16.130 <v ->Yeah.</v>

955 00:35:16.130 --> 00:35:19.290 (indistinct)

956 00:35:19.290 --> 00:35:21.990 I would say that (indistinct)

957 00:35:23.160 --> 00:35:24.911 in science (indistinct)

958 00:35:24.911 --> 00:35:25.744 that department (indistinct)

959 00:35:25.744 --> 00:35:28.161 (indistinct)

960 00:35:29.662 --> 00:35:30.920 in (indistinct)

961 00:35:30.920 --> 00:35:34.995 I learned how to (indistinct)

962 00:35:34.995 --> 00:35:37.412 (indistinct)

963 00:35:38.887 --> 00:35:42.645 obviously (indistinct)

964 00:35:42.645 --> 00:35:46.536 Because I, I (indistinct)

965 00:35:46.536 --> 00:35:51.536 I think (indistinct)

966 00:35:52.127 --> 00:35:53.677 <v ->Of course that was useful.</v>

967 00:35:53.677 --> 00:35:58.569 To me (indistinct)

968 00:35:58.569 --> 00:36:02.402 project was Professor Thomas JS class college.

969 00:36:06.417 --> 00:36:08.250 The final project map,

970 00:36:09.633 --> 00:36:12.050 (indistinct)

971 00:36:13.549 --> 00:36:18.549 realize all the different (indistinct)

972 00:36:19.032 --> 00:36:24.032 that made somebody (indistinct)

973 00:36:25.083 --> 00:36:25.916 <v Audience Member>Thank you.</v>

974 00:36:25.916 --> 00:36:27.360 (mic adjusts)

975 00:36:27.360 --> 00:36:28.193 <v Mauro>Other questions</v>  
976 00:36:28.193 --> 00:36:30.363 either from in person or online?  
977 00:36:31.620 --> 00:36:32.453 Go ahead.  
978 00:36:33.360 --> 00:36:34.779 <v Audience Member>Yes.</v>  
979 00:36:34.779 --> 00:36:35.612 Nice presentations.  
980 00:36:35.612 --> 00:36:38.460 What was the relationship between  
981 00:36:38.460 --> 00:36:40.770 Noel's project and Adriana's project?  
982 00:36:40.770 --> 00:36:43.320 There seemed to be some similarities.  
983 00:36:43.320 --> 00:36:44.280 <v ->I think in the initial stages</v>  
984 00:36:44.280 --> 00:36:45.742 we did have some overlap.  
985 00:36:45.742 --> 00:36:46.575 We had some meetings together  
986 00:36:46.575 --> 00:36:48.300 where we talked about  
987 00:36:48.300 --> 00:36:50.150 opportunities to overlap the project.  
988 00:36:51.298 --> 00:36:52.131 I wanted just chat about it too  
989 00:36:52.131 --> 00:36:53.850 but I think we were hoping for  
990 00:36:53.850 --> 00:36:54.960 a little bit more like crossover  
991 00:36:54.960 --> 00:36:57.060 with the projects later on  
992 00:36:57.060 --> 00:36:57.893 down the line.  
993 00:36:57.893 --> 00:36:58.858 I think once the useful  
994 00:36:58.858 --> 00:37:01.020 extreme heat air quality response  
995 00:37:01.020 --> 00:37:02.580 template was shared  
996 00:37:02.580 --> 00:37:04.590 that the toolkit can be kind of another  
997 00:37:04.590 --> 00:37:05.460 supplement that would also  
998 00:37:05.460 --> 00:37:09.060 be provided to recipients of the BRACE grant,  
but.  
999 00:37:09.060 --> 00:37:09.960 <v ->I agree what you said,</v>  
1000 00:37:09.960 --> 00:37:13.180 yeah there's also a section in toolkit  
1001 00:37:14.325 --> 00:37:19.050 specifically on response plans  
1002 00:37:19.050 --> 00:37:21.160 for these leaders so having  
1003 00:37:22.253 --> 00:37:23.086 that put in there is nice.  
1004 00:37:23.086 --> 00:37:25.503 (indistinct)

1005 00:37:26.790 --> 00:37:29.280 So I think (indistinct)

1006 00:37:30.810 --> 00:37:31.733 <v Audience Member>Thanks.</v>

1007 00:37:35.296 --> 00:37:36.129 <v Mauro>Other questions?</v>

1008 00:37:37.500 --> 00:37:39.510 <v Audience Member>I'll ask a very general one</v>

1009 00:37:39.510 --> 00:37:43.350 just since it was a lot of data

1010 00:37:43.350 --> 00:37:45.060 collection data analysis for,

1011 00:37:45.060 --> 00:37:47.040 for any of our panelists,

1012 00:37:47.040 --> 00:37:48.810 were there any gaps

1013 00:37:48.810 --> 00:37:50.790 that you identified as missing that

1014 00:37:50.790 --> 00:37:53.550 would've been useful

1015 00:37:53.550 --> 00:37:56.040 to inform your project or your

1016 00:37:56.040 --> 00:37:57.540 organization's work

1017 00:37:57.540 --> 00:37:59.343 or future iterations of the work?

1018 00:38:00.510 --> 00:38:01.380 So I guess what I'm,

1019 00:38:01.380 --> 00:38:03.200 what was missing that would've been useful to,

1020 00:38:03.200 --> 00:38:05.343 to you all if if anything at all?

1021 00:38:09.270 --> 00:38:11.439 <v ->I don't mind starting to us off with that.</v>

1022 00:38:11.439 --> 00:38:12.272 'Cause I was thinking about this

1023 00:38:12.272 --> 00:38:13.955 the other day.

1024 00:38:13.955 --> 00:38:14.970 When I was looking at creating

1025 00:38:14.970 --> 00:38:16.680 this template plan, I was,

1026 00:38:16.680 --> 00:38:17.820 a big part of it was looking

1027 00:38:17.820 --> 00:38:20.012 at the data on ozone levels in

1028 00:38:20.012 --> 00:38:21.153 extreme heat in Connecticut.

1029 00:38:21.153 --> 00:38:23.400 And what I found kinda in Connecticut

1030 00:38:23.400 --> 00:38:24.233 and across the board was that

1031 00:38:24.233 --> 00:38:26.970 there was a lot more nuanced data on extreme heat

1032 00:38:26.970 --> 00:38:28.110 than I was finding for air quality.

1033 00:38:28.110 --> 00:38:29.520 So there were a lot  
1034 00:38:29.520 --> 00:38:31.260 of maps and resources on like social  
1035 00:38:31.260 --> 00:38:32.640 vulnerability index  
1036 00:38:32.640 --> 00:38:33.990 and different like key vulnerability  
1037 00:38:33.990 --> 00:38:34.830 maps for Connecticut.  
1038 00:38:34.830 --> 00:38:36.120 But in terms of ground level ozone,  
1039 00:38:36.120 --> 00:38:38.610 I felt like I wasn't finding as much data.  
1040 00:38:38.610 --> 00:38:39.443 So that was one of the obstacles  
1041 00:38:39.443 --> 00:38:42.240 I think I identified early on was that  
1042 00:38:42.240 --> 00:38:44.340 there really weren't any plans that did ex-  
treme  
1043 00:38:44.340 --> 00:38:46.800 heat and like ground level ozone or air quality  
together.  
1044 00:38:46.800 --> 00:38:47.880 So finding that data  
1045 00:38:47.880 --> 00:38:50.506 that was accessible and stratifying it  
1046 00:38:50.506 --> 00:38:51.669 by like high risk groups  
1047 00:38:51.669 --> 00:38:52.830 and vulnerable populations I think  
1048 00:38:52.830 --> 00:38:54.200 was something that was difficult.  
1049 00:38:54.200 --> 00:38:56.250 I, I would enjoy having that extra information  
1050 00:38:56.250 --> 00:38:57.467 but that's just  
1051 00:38:57.467 --> 00:38:59.153 something to keep an eye out with research.  
1052 00:39:00.900 --> 00:39:02.790 <v ->I think for me it really</v>  
1053 00:39:02.790 --> 00:39:04.450 came down to in my final model  
1054 00:39:06.029 --> 00:39:09.081 rating the different variables.  
1055 00:39:09.081 --> 00:39:11.850 So I had 20% being infrastructure issues,  
1056 00:39:11.850 --> 00:39:14.230 40% being climate factors  
1057 00:39:15.800 --> 00:39:17.370 and 40% being social vulnerability.  
1058 00:39:17.370 --> 00:39:18.820 And that was really chosen  
1059 00:39:19.830 --> 00:39:21.840 in discussion with my preceptors  
1060 00:39:21.840 --> 00:39:22.673 and also looking  
1061 00:39:22.673 --> 00:39:24.700 at some positive literature

1062 00:39:25.650 --> 00:39:26.730 but it really does come  
1063 00:39:26.730 --> 00:39:30.071 down to you know, how like,  
1064 00:39:30.071 --> 00:39:32.207 it is really hard to know how much  
1065 00:39:32.207 --> 00:39:34.170 really you should rate these variables.  
1066 00:39:34.170 --> 00:39:35.003 I think that would be  
1067 00:39:35.003 --> 00:39:36.997 a lot of researching to kinda  
1068 00:39:36.997 --> 00:39:37.913 understanding you know,  
1069 00:39:37.913 --> 00:39:39.746 what is the most impactful thing  
1070 00:39:39.746 --> 00:39:41.506 on people's infrastructure.  
1071 00:39:41.506 --> 00:39:43.950 Is it these climate factors that are emerging,  
1072 00:39:43.950 --> 00:39:47.355 we wanna see their impact changes as day  
goes by.  
1073 00:39:47.355 --> 00:39:49.588 Is it (indistinct)  
1074 00:39:49.588 --> 00:39:54.213 or is it the fact impact issues there before-  
hand?  
1075 00:39:54.213 --> 00:39:56.068 Like the biggest thing  
1076 00:39:56.068 --> 00:39:58.959 like understanding how these (indistinct)  
1077 00:39:58.959 --> 00:40:01.680 and I definitely think maybe  
1078 00:40:01.680 --> 00:40:03.300 a more qualitative assessment  
1079 00:40:03.300 --> 00:40:04.680 of that could have helped us  
1080 00:40:04.680 --> 00:40:08.497 understand a better way to through it.  
1081 00:40:08.497 --> 00:40:09.522 But again,  
1082 00:40:09.522 --> 00:40:11.730 it always just comes off movies that just  
kinda,  
1083 00:40:11.730 --> 00:40:12.937 decisions but.  
1084 00:40:16.683 --> 00:40:20.283 <v ->Communication side,</v>  
1085 00:40:20.283 --> 00:40:22.700 (indistinct)  
1086 00:40:24.600 --> 00:40:29.600 like how state and regional officials  
1087 00:40:29.880 --> 00:40:31.130 talked about extreme heat  
1088 00:40:32.873 --> 00:40:36.768 to the president and so I  
1089 00:40:36.768 --> 00:40:39.900 (indistinct)  
1090 00:40:39.900 --> 00:40:40.733 was released by

1091 00:40:40.733 --> 00:40:41.650 the governor's office  
1092 00:40:44.880 --> 00:40:47.340 and (indistinct)  
1093 00:40:51.397 --> 00:40:52.947 one press release extreme heat,  
1094 00:40:55.805 --> 00:40:57.903 more extreme heat events  
1095 00:40:57.903 --> 00:41:00.930 and so I have more time on this budget.  
1096 00:41:00.930 --> 00:41:04.623 I think it important to realize that  
1097 00:41:04.623 --> 00:41:07.350 that we should step further (indistinct)  
1098 00:41:08.887 --> 00:41:09.730 what might help  
1099 00:41:11.760 --> 00:41:16.760 level address that communications (indistinct)  
1100 00:41:17.270 --> 00:41:19.687 (indistinct)  
1101 00:41:23.820 --> 00:41:26.237 (indistinct)  
1102 00:41:30.150 --> 00:41:31.710 <v ->One really specific thing</v>  
1103 00:41:31.710 --> 00:41:33.690 that I found.  
1104 00:41:33.690 --> 00:41:34.920 Both in my project  
1105 00:41:34.920 --> 00:41:37.350 and in my own research is the lack of  
1106 00:41:37.350 --> 00:41:38.733 data on air conditioning.  
1107 00:41:40.080 --> 00:41:42.930 There isn't a national data set that shows  
like the  
1108 00:41:42.930 --> 00:41:44.714 prevalence of air conditioning  
1109 00:41:44.714 --> 00:41:48.390 and like real granular and like usable levels.  
1110 00:41:48.390 --> 00:41:50.280 So for the California Department  
1111 00:41:50.280 --> 00:41:52.230 of Public Health internship  
1112 00:41:52.230 --> 00:41:54.330 I had to actually reach out  
1113 00:41:54.330 --> 00:41:55.163 to the Department of Energy,  
1114 00:41:55.163 --> 00:41:58.290 get the list of different energy suppliers,  
1115 00:41:58.290 --> 00:41:59.790 the amount of electric,  
1116 00:41:59.790 --> 00:42:01.200 electricity used on air conditioning  
1117 00:42:01.200 --> 00:42:03.600 from the different energy supplier regions  
1118 00:42:03.600 --> 00:42:05.340 and then kind of use that to apply to the  
1119 00:42:05.340 --> 00:42:07.380 counties which is very like

1120 00:42:07.380 --> 00:42:10.383 non-specific and labor intensive.  
1121 00:42:11.280 --> 00:42:12.600 Which is surprising given like,  
1122 00:42:12.600 --> 00:42:13.433 all the information you know  
1123 00:42:13.433 --> 00:42:14.266 about climate change  
1124 00:42:14.266 --> 00:42:15.210 and air conditioning being one  
1125 00:42:15.210 --> 00:42:18.510 of the strongest adaptation measures  
1126 00:42:18.510 --> 00:42:19.530 for extreme heat that there  
1127 00:42:19.530 --> 00:42:21.990 isn't still is not data set  
1128 00:42:21.990 --> 00:42:22.823 available for distribution around the U.S.  
1129 00:42:22.823 --> 00:42:23.692 Good question.  
1130 00:42:28.012 --> 00:42:28.845 <v ->For me,</v>  
1131 00:42:30.362 --> 00:42:31.986 these (indistinct)  
1132 00:42:31.986 --> 00:42:32.850 directly from the staff house department  
1133 00:42:32.850 --> 00:42:34.020 of (indistinct),  
1134 00:42:34.020 --> 00:42:37.359 so it is kind of (indistinct)  
1135 00:42:37.359 --> 00:42:39.960 and structured data but we still have,  
1136 00:42:39.960 --> 00:42:41.160 we wanna first,  
1137 00:42:41.160 --> 00:42:42.569 wanna analyze the patient diagnosis  
1138 00:42:42.569 --> 00:42:44.769 and also (indistinct)  
1139 00:42:44.769 --> 00:42:46.669 (indistinct)  
1140 00:42:46.669 --> 00:42:49.620 (indistinct) in reality.  
1141 00:42:49.620 --> 00:42:50.880 So that would be much better  
1142 00:42:50.880 --> 00:42:53.220 if we have (indistinct)  
1143 00:42:53.220 --> 00:42:56.693 So we are still (indistinct)  
1144 00:43:02.280 --> 00:43:05.362 So, (indistinct)  
1145 00:43:05.362 --> 00:43:06.270 (mic adjusts)  
1146 00:43:06.270 --> 00:43:08.790 <v Mauro>Great, thank you for those an-  
swers.</v>  
1147 00:43:08.790 --> 00:43:10.410 If there are no further questions,  
1148 00:43:10.410 --> 00:43:12.560 maybe we'll give one more round of applause  
1149 00:43:17.100 --> 00:43:21.270 and then we will switch over to panel three.

1150 00:43:21.270 --> 00:43:22.323 Julia Rose.  
1151 00:43:33.015 --> 00:43:35.182 (silence)  
1152 00:43:42.281 --> 00:43:44.406 (mic adjusts)  
1153 00:43:44.406 --> 00:43:45.947 (group laughs)  
1154 00:43:45.947 --> 00:43:48.447 (group chats)  
1155 00:43:50.601 --> 00:43:51.760 There we go.  
1156 00:43:51.760 --> 00:43:52.800 And I will note  
1157 00:43:52.800 --> 00:43:56.190 that Maggie could not make it tonight but  
we  
1158 00:43:56.190 --> 00:43:58.650 do have our other three speakers  
1159 00:43:58.650 --> 00:44:01.650 so great job panel two.  
1160 00:44:01.650 --> 00:44:02.940 One of our online audiences  
1161 00:44:02.940 --> 00:44:04.680 wanted to pass that along.  
1162 00:44:04.680 --> 00:44:05.830 We'll start with Julia.  
1163 00:44:07.622 --> 00:44:08.455 <v ->Hi everyone, I'm Julia,</v>  
1164 00:44:08.455 --> 00:44:09.750 I'm (indistinct)  
1165 00:44:09.750 --> 00:44:11.760 student from YCCCH,  
1166 00:44:11.760 --> 00:44:13.590 my department is Environmental Health Sci-  
ences  
1167 00:44:13.590 --> 00:44:15.440 and I've been interning with  
1168 00:44:15.440 --> 00:44:17.172 the (indistinct)  
1169 00:44:17.172 --> 00:44:18.810 (indistinct)  
1170 00:44:18.810 --> 00:44:20.490 Department of Public Health  
1171 00:44:20.490 --> 00:44:23.763 and working on this product which is part  
of the  
1172 00:44:23.763 --> 00:44:24.596 first grant that I'll mention,  
1173 00:44:24.596 --> 00:44:26.933 stand for building resilience  
1174 00:44:26.933 --> 00:44:28.997 against (indistinct).  
1175 00:44:28.997 --> 00:44:29.830 So my product is to develop  
1176 00:44:29.830 --> 00:44:32.797 an educational program for  
1177 00:44:32.797 --> 00:44:35.790 teachers, school nurses, administrators  
1178 00:44:35.790 --> 00:44:37.912 and others who develop social vulnerable

1179 00:44:37.912 --> 00:44:39.673 (indistinct)  
1180 00:44:39.673 --> 00:44:42.870 to reduce events of exposure (indistinct)  
1181 00:44:42.870 --> 00:44:46.080 So basically it's like designing a (indistinct)  
1182 00:44:46.080 --> 00:44:49.233 and to get this virtual,  
1183 00:44:50.580 --> 00:44:52.470 yeah here are some sample slides,  
1184 00:44:52.470 --> 00:44:55.687 just do it and to create this curriculum.  
1185 00:44:55.687 --> 00:44:57.450 So first I have to do  
1186 00:44:57.450 --> 00:44:59.410 a lot of literature review and to send  
1187 00:45:00.300 --> 00:45:02.850 the house (indistinct) of spring heat  
1188 00:45:02.850 --> 00:45:06.780 and all the events and there are  
1189 00:45:06.780 --> 00:45:08.340 like heat advisory specials  
1190 00:45:08.340 --> 00:45:10.650 in Connecticut and also like  
1191 00:45:10.650 --> 00:45:12.570 coaching extreme heat.  
1192 00:45:12.570 --> 00:45:13.500 And then we also did  
1193 00:45:13.500 --> 00:45:15.600 a lot of stakeholders engagement.  
1194 00:45:15.600 --> 00:45:18.747 We not only did interviews with local teachers  
1195 00:45:18.747 --> 00:45:19.860 and school staff  
1196 00:45:19.860 --> 00:45:22.343 to know their experience of extreme heat,  
1197 00:45:22.343 --> 00:45:23.970 we also had meetings  
1198 00:45:23.970 --> 00:45:25.410 with public health officials from  
1199 00:45:25.410 --> 00:45:27.630 New York State and Arizona.  
1200 00:45:27.630 --> 00:45:28.830 Because they are precursors  
1201 00:45:28.830 --> 00:45:29.760 to this race brand and  
1202 00:45:29.760 --> 00:45:31.200 they have a lot more experience  
1203 00:45:31.200 --> 00:45:33.540 being with extreme heat in their own states.  
1204 00:45:33.540 --> 00:45:34.470 Of course Connecticut  
1205 00:45:34.470 --> 00:45:37.650 is not in the same like situation as Arizona  
1206 00:45:37.650 --> 00:45:38.640 in eastern heat.  
1207 00:45:38.640 --> 00:45:40.910 But we did learn a lot from them.  
1208 00:45:40.910 --> 00:45:42.275 We also communicated to NOLA  
1209 00:45:42.275 --> 00:45:47.275 and like the CT coaching association

1210 00:45:48.180 --> 00:45:49.740 and get their advice.  
1211 00:45:49.740 --> 00:45:52.023 So the final product is,  
1212 00:45:53.580 --> 00:45:56.769 is these like educational curriculum slides.  
1213 00:45:56.769 --> 00:45:58.230 I actually did three versions.  
1214 00:45:58.230 --> 00:46:00.724 Each of them have approximately 50 slides  
1215 00:46:00.724 --> 00:46:02.760 and there's a version for administrators,  
1216 00:46:02.760 --> 00:46:05.310 a version for school teachers and nurses,  
1217 00:46:05.310 --> 00:46:07.443 and then a version for coaches.  
1218 00:46:08.430 --> 00:46:11.373 So the conduct mainly involves like,  
1219 00:46:12.360 --> 00:46:14.100 raising awareness about  
1220 00:46:14.100 --> 00:46:15.660 the importance of string key  
1221 00:46:15.660 --> 00:46:17.250 under climate change it,  
1222 00:46:17.250 --> 00:46:18.210 it might not be a problem  
1223 00:46:18.210 --> 00:46:20.180 in the past but climate change is  
1224 00:46:20.180 --> 00:46:21.013 gonna be becoming more  
1225 00:46:21.013 --> 00:46:23.250 and more of a important problem in  
1226 00:46:23.250 --> 00:46:24.090 Connecticut.  
1227 00:46:24.090 --> 00:46:26.760 And then there's also knowledge  
1228 00:46:26.760 --> 00:46:29.338 on the symptoms of key illnesses  
1229 00:46:29.338 --> 00:46:32.072 and how to treat them for teachers and then  
also  
1230 00:46:32.072 --> 00:46:33.918 like coaching guide guidelines  
1231 00:46:33.918 --> 00:46:35.393 in extreme temperatures  
1232 00:46:35.393 --> 00:46:38.217 or school like assigning coaches,  
1233 00:46:38.217 --> 00:46:40.020 and oh what else?  
1234 00:46:40.020 --> 00:46:43.620 So this curriculum hopefully  
1235 00:46:43.620 --> 00:46:45.810 will be piloted soon in one of the schools  
1236 00:46:45.810 --> 00:46:48.540 and then we'll receive feedback evaluation  
1237 00:46:48.540 --> 00:46:50.340 and then we can revise curriculum  
1238 00:46:50.340 --> 00:46:54.090 and then like teach it in more schools  
1239 00:46:54.090 --> 00:46:56.687 and within our program.

1240 00:46:56.687 --> 00:46:57.520 Thank you.

1241 00:46:57.520 --> 00:46:59.187 <v Mauro>Thank you.</v>

1242 00:47:01.461 --> 00:47:04.710 All right let's start with with Rose.

1243 00:47:04.710 --> 00:47:05.610 <v ->Yeah, I'm Rose.</v>

1244 00:47:05.610 --> 00:47:06.810 I interned this summer

1245 00:47:06.810 --> 00:47:09.210 with the Minnesota Department of Health,  
or MDH.

1246 00:47:10.380 --> 00:47:12.510 And my internship launched a survey

1247 00:47:12.510 --> 00:47:16.320 that ended in 2021 about healthcare  
providers

1248 00:47:16.320 --> 00:47:18.030 and how comfortable they felt having

1249 00:47:18.030 --> 00:47:20.580 such discussions in the clinic

1250 00:47:20.580 --> 00:47:21.870 and they found that there was

1251 00:47:21.870 --> 00:47:23.475 a high percentage of people

1252 00:47:23.475 --> 00:47:24.840 or a couple prior in Minnesota

1253 00:47:24.840 --> 00:47:27.116 who want them to talk about (indistinct)

1254 00:47:27.116 --> 00:47:28.830 for their patients but they didn't have the  
time

1255 00:47:28.830 --> 00:47:31.477 or the skillset or the knowledge to do so.

1256 00:47:31.477 --> 00:47:32.310 So for my project

1257 00:47:32.310 --> 00:47:34.003 I have been (indistinct)

1258 00:47:34.003 --> 00:47:36.060 a review to develop a methodology

1259 00:47:36.060 --> 00:47:39.540 to have climate change, et cetera, quick and

1260 00:47:39.540 --> 00:47:43.110 informative naturally to a clinical dialogue.

1261 00:47:43.110 --> 00:47:45.120 So the methodology that I (indistinct),

1262 00:47:45.120 --> 00:47:47.640 starts on an on ramp that connects to a

1263 00:47:47.640 --> 00:47:48.540 personal health factor

1264 00:47:48.540 --> 00:47:50.700 for the patient so that something like

1265 00:47:50.700 --> 00:47:52.260 asthma symptoms

1266 00:47:52.260 --> 00:47:54.057 and then the health provider will review that

1267 00:47:54.057 --> 00:47:55.770 conversation that connects

1268 00:47:55.770 --> 00:47:57.540 that personal health factor to

1269 00:47:57.540 --> 00:47:59.910 environmental climate change, the cause.  
1270 00:47:59.910 --> 00:48:02.309 So if we're talking about asthma talk about how  
1271 00:48:02.309 --> 00:48:04.830 warmer seasons or warmer temperatures,  
1272 00:48:04.830 --> 00:48:05.940 longer pollen seasons,  
1273 00:48:05.940 --> 00:48:09.193 which intensify asthma then off ramp to kinda  
1274 00:48:09.193 --> 00:48:12.903 move from time dialogue back to whatever else.  
1275 00:48:14.492 --> 00:48:16.738 Talk about that, to that patient.  
1276 00:48:16.738 --> 00:48:18.570 And so kinda tune in on all this information  
1277 00:48:18.570 --> 00:48:20.670 and you're putting into a video,  
1278 00:48:20.670 --> 00:48:22.834 you're, towards whoever the health provider is  
1279 00:48:22.834 --> 00:48:23.667 that goes into the methodology  
1280 00:48:23.667 --> 00:48:25.590 of this conversation strategy.  
1281 00:48:25.590 --> 00:48:27.060 And then also models  
1282 00:48:27.060 --> 00:48:28.050 two different dialogues  
1283 00:48:28.050 --> 00:48:30.840 with two kind of actors playing patients.  
1284 00:48:30.840 --> 00:48:32.010 As you can see here,  
1285 00:48:32.010 --> 00:48:34.879 the Minneapolis event, that,  
1286 00:48:34.879 --> 00:48:36.645 well there were a few actors on set  
1287 00:48:36.645 --> 00:48:39.718 getting ready to film all the discussions.  
1288 00:48:39.718 --> 00:48:40.551 And that kind of structure  
1289 00:48:40.551 --> 00:48:42.870 was based off of research that we did about  
1290 00:48:42.870 --> 00:48:44.812 continued learning courses  
1291 00:48:44.812 --> 00:48:46.120 with the doctors and nurses  
1292 00:48:46.120 --> 00:48:46.980 so they would kinda be receive these in  
1293 00:48:46.980 --> 00:48:49.140 format that was familiar to them.  
1294 00:48:49.140 --> 00:48:51.101 I also got together  
1295 00:48:51.101 --> 00:48:53.844 an infographic a little bit conversation  
1296 00:48:53.844 --> 00:48:55.500 strategies and best practices

1297 00:48:55.500 --> 00:48:57.300 to make sure conversations are really  
1298 00:48:57.300 --> 00:48:58.455 seamless and personalized.  
1299 00:48:58.455 --> 00:49:01.636 (indistinct)  
1300 00:49:01.636 --> 00:49:04.170 And then I was able to collaborate with  
former,  
1301 00:49:04.170 --> 00:49:05.003 our other intern  
1302 00:49:05.003 --> 00:49:06.750 that put together a social media package  
1303 00:49:06.750 --> 00:49:07.583 with an assigned focused  
1304 00:49:07.583 --> 00:49:10.770 on patients instead of providers with  
1305 00:49:10.770 --> 00:49:12.540 six different kind of posts  
1306 00:49:12.540 --> 00:49:14.250 that go through the science  
1307 00:49:14.250 --> 00:49:15.450 behind climate change  
1308 00:49:15.450 --> 00:49:17.381 and the impact on our health.  
1309 00:49:17.381 --> 00:49:18.390 But the idea we have,  
1310 00:49:18.390 --> 00:49:19.223 patients getting this climate change dialogue  
1311 00:49:19.223 --> 00:49:20.790 (indistinct)  
1312 00:49:20.790 --> 00:49:22.470 but then also kinda encountering it  
1313 00:49:22.470 --> 00:49:26.340 in their daily life through MBA (indistinct)  
1314 00:49:28.114 --> 00:49:28.947 And yeah,  
1315 00:49:28.947 --> 00:49:30.755 I had a lot of fun working on this internship.  
1316 00:49:30.755 --> 00:49:31.588 It was,  
1317 00:49:31.588 --> 00:49:32.421 being in the east coast my whole life  
1318 00:49:32.421 --> 00:49:33.907 was really interesting.  
1319 00:49:33.907 --> 00:49:34.890 Been for (indistinct) Minnesota  
1320 00:49:34.890 --> 00:49:36.060 and experience a little bit of  
1321 00:49:36.060 --> 00:49:37.260 the culture of the place  
1322 00:49:37.260 --> 00:49:38.093 and understand how geographic differences,  
1323 00:49:38.093 --> 00:49:39.597 like (indistinct),  
1324 00:49:41.070 --> 00:49:41.903 so in Massachusetts,  
1325 00:49:41.903 --> 00:49:43.830 we might talk about fishery health  
1326 00:49:43.830 --> 00:49:45.360 or sea level rise,

1327 00:49:45.360 --> 00:49:46.681 we talk about direct climate impacts  
1328 00:49:46.681 --> 00:49:47.790 but in Minnesota,  
1329 00:49:47.790 --> 00:49:48.872 we talk about things like  
1330 00:49:48.872 --> 00:49:50.855 the changed to ice fishing,  
1331 00:49:50.855 --> 00:49:52.338 and the ecological impacts  
1332 00:49:52.338 --> 00:49:53.171 on lakes throughout the region.  
1333 00:49:53.171 --> 00:49:54.004 So yeah, (indistinct)  
1334 00:49:54.004 --> 00:49:57.679 I look for forward to (indistinct)  
1335 00:49:57.679 --> 00:50:00.179 (mic adjusts)  
1336 00:50:03.246 --> 00:50:04.535 <v Mauro>Matt.</v>  
1337 00:50:04.535 --> 00:50:05.769 <v ->Hi y'all, I'm Matt.</v>  
1338 00:50:05.769 --> 00:50:08.669 I'm a second year M PhD  
1339 00:50:08.669 --> 00:50:12.330 in the environmental health science department.  
1340 00:50:12.330 --> 00:50:14.820 I also spent my summer working  
1341 00:50:14.820 --> 00:50:17.925 at MPH working with Christian Rob,  
1342 00:50:17.925 --> 00:50:18.758 (indistinct)  
1343 00:50:18.758 --> 00:50:23.750 he's a (indistinct) expert epidemiologist.  
1344 00:50:23.750 --> 00:50:24.725 So lot of my work also  
1345 00:50:24.725 --> 00:50:28.410 kind of started off the survey on nurses  
1346 00:50:28.410 --> 00:50:33.180 and doctors on their opinions  
1347 00:50:33.180 --> 00:50:34.770 and on climate change and  
1348 00:50:34.770 --> 00:50:38.310 how it impacts their work in the clinic.  
1349 00:50:38.310 --> 00:50:39.323 While I was also interested  
1350 00:50:39.323 --> 00:50:42.120 in thinking about barriers to conversation,  
1351 00:50:42.120 --> 00:50:42.953 the main part of the materials  
1352 00:50:42.953 --> 00:50:46.110 that I created were about the  
1353 00:50:46.110 --> 00:50:48.390 fact that nurses and doctors  
1354 00:50:48.390 --> 00:50:50.370 were actually witnessing the  
1355 00:50:50.370 --> 00:50:52.220 impacts of climate change  
1356 00:50:52.220 --> 00:50:53.693 in their own communities that they

1357 00:50:53.693 --> 00:50:55.290 sort of ended up overseeing  
1358 00:50:55.290 --> 00:50:57.180 certain health outcomes more  
1359 00:50:57.180 --> 00:50:58.013 than they had.  
1360 00:50:59.310 --> 00:51:01.773 And so my main manner for doing that,  
1361 00:51:03.480 --> 00:51:06.310 I had a press, press release  
1362 00:51:07.260 --> 00:51:08.940 and also created this,  
1363 00:51:08.940 --> 00:51:09.840 it's essentially the kind of,  
1364 00:51:09.840 --> 00:51:12.330 same that Rose mentioned too,  
1365 00:51:12.330 --> 00:51:16.159 sort of get the message up out there that this  
1366 00:51:16.159 --> 00:51:16.992 is something that doctors and nurses  
1367 00:51:16.992 --> 00:51:18.446 (indistinct)  
1368 00:51:18.446 --> 00:51:20.160 something that they're seeing now  
1369 00:51:20.160 --> 00:51:22.590 and it's a conversation that you can bring  
up.  
1370 00:51:22.590 --> 00:51:25.440 And so what was really important with the,  
1371 00:51:25.440 --> 00:51:26.577 with the social media series  
1372 00:51:26.577 --> 00:51:29.460 that that we worked on was  
1373 00:51:29.460 --> 00:51:30.870 identifying some topics  
1374 00:51:30.870 --> 00:51:32.045 just in broad like areas,  
1375 00:51:32.045 --> 00:51:34.416 of how it would change your health,  
1376 00:51:34.416 --> 00:51:37.560 impacts to health diseases,  
1377 00:51:37.560 --> 00:51:40.980 extreme heat, air, air quality, etc.  
1378 00:51:40.980 --> 00:51:42.339 So this sort of giving people  
1379 00:51:42.339 --> 00:51:43.950 the realization of this  
1380 00:51:43.950 --> 00:51:45.480 conversation that they can have  
1381 00:51:45.480 --> 00:51:47.215 with their doctor and that  
1382 00:51:47.215 --> 00:51:51.300 they can experience outcomes as result of it.  
1383 00:51:51.300 --> 00:51:52.140 Another big part  
1384 00:51:52.140 --> 00:51:54.150 of my work was updating NTH's  
1385 00:51:55.323 --> 00:51:57.490 air quality website  
1386 00:51:59.910 --> 00:52:00.743 and so I was kind of doing

1387 00:52:00.743 --> 00:52:03.900 a lot of fact checking and  
1388 00:52:03.900 --> 00:52:06.235 restructuring of the page.  
1389 00:52:06.235 --> 00:52:08.010 I'd say two of the biggest things  
1390 00:52:08.010 --> 00:52:11.130 that I did was I highlighted  
1391 00:52:11.130 --> 00:52:13.713 some past research that had been called to  
light.  
1392 00:52:15.420 --> 00:52:17.200 Which focused on  
1393 00:52:20.318 --> 00:52:22.169 (indistinct) like minority groups  
1394 00:52:22.169 --> 00:52:26.670 as population of high exposure to air pollu-  
tion,  
1395 00:52:26.670 --> 00:52:28.078 so there's sort of  
1396 00:52:28.078 --> 00:52:29.880 that language in the segment  
1397 00:52:29.880 --> 00:52:31.290 of the website that talks  
1398 00:52:31.290 --> 00:52:33.223 about high risk groups.  
1399 00:52:33.223 --> 00:52:34.417 I also connect with  
1400 00:52:34.417 --> 00:52:38.713 the Minnesota Pollution Control Agency  
1401 00:52:38.713 --> 00:52:40.440 to sort of create a pathway  
1402 00:52:40.440 --> 00:52:43.800 for readers to access data  
1403 00:52:43.800 --> 00:52:46.405 forecasts of air, air quality,  
1404 00:52:46.405 --> 00:52:48.270 (indistinct)  
1405 00:52:48.270 --> 00:52:50.490 they can do to help themselves from expo-  
sure.  
1406 00:52:50.490 --> 00:52:53.243 And also create (indistinct)  
1407 00:52:53.243 --> 00:52:55.740 that way that's less air pollution,  
1408 00:52:55.740 --> 00:52:56.718 air polluting.  
1409 00:52:56.718 --> 00:52:58.500 (laughs)  
1410 00:52:58.500 --> 00:53:00.300 Yeah so for my thesis  
1411 00:53:00.300 --> 00:53:02.820 I'm hoping to dig into this data some  
1412 00:53:02.820 --> 00:53:03.653 more that the,  
1413 00:53:03.653 --> 00:53:04.821 that survey provided  
1414 00:53:04.821 --> 00:53:09.250 and extended to environmental health  
1415 00:53:09.250 --> 00:53:12.330 screenings and conversation

1416 00:53:12.330 --> 00:53:16.997 that we had in the group, outside of (indistinct)

1417 00:53:22.667 --> 00:53:24.570 <v Mauro>Great, thank you Matt.</v>

1418 00:53:24.570 --> 00:53:25.740 Now as I mentioned earlier,

1419 00:53:25.740 --> 00:53:27.720 Maggie cannot join us

1420 00:53:27.720 --> 00:53:32.130 this evening but through the magic of video

1421 00:53:32.130 --> 00:53:34.590 editing when this goes on the website,

1422 00:53:34.590 --> 00:53:38.253 her presentation will appear right about here.

1423 00:53:39.420 --> 00:53:41.010 <v ->Hi, my name is Maggie Hart.</v>

1424 00:53:41.010 --> 00:53:42.780 I am a second year MPH student

1425 00:53:42.780 --> 00:53:43.860 at the Yale School of Public

1426 00:53:43.860 --> 00:53:45.030 Health in the Social

1427 00:53:45.030 --> 00:53:47.130 and the Behavioral Sciences department and

1428 00:53:47.130 --> 00:53:49.260 the climate change and health concentration.

1429 00:53:49.260 --> 00:53:50.610 This past summer I worked with

1430 00:53:50.610 --> 00:53:51.750 the Connecticut Department of

1431 00:53:51.750 --> 00:53:52.635 Public Health in the Office

1432 00:53:52.635 --> 00:53:54.420 of Climate Change and Health and

1433 00:53:54.420 --> 00:53:56.100 the Private Well Program.

1434 00:53:56.100 --> 00:53:57.240 So I worked to explore

1435 00:53:57.240 --> 00:53:58.710 nationwide drought communication

1436 00:53:58.710 --> 00:54:00.090 strategies and initiatives

1437 00:54:00.090 --> 00:54:02.010 for private well owners.

1438 00:54:02.010 --> 00:54:04.080 This began with a literature review looking at

1439 00:54:04.080 --> 00:54:04.920 organizational

1440 00:54:04.920 --> 00:54:06.720 and statewide climate adaptation

1441 00:54:06.720 --> 00:54:07.980 and mitigation strategies

1442 00:54:07.980 --> 00:54:11.310 across the United States and then kind of,

1443 00:54:11.310 --> 00:54:12.630 determining what was going on

1444 00:54:12.630 --> 00:54:13.800 around the US I also

1445 00:54:13.800 --> 00:54:16.020 reached out to USGS  
1446 00:54:16.020 --> 00:54:17.610 drought specialists for different  
1447 00:54:17.610 --> 00:54:21.150 regions and then climate office managers  
1448 00:54:21.150 --> 00:54:24.360 for each state and share with 'em a survey.  
1449 00:54:24.360 --> 00:54:26.940 And so the survey questionnaire  
1450 00:54:26.940 --> 00:54:27.990 was looking at investigating  
1451 00:54:27.990 --> 00:54:30.840 how other states declare their drought status,  
1452 00:54:30.840 --> 00:54:31.770 communicate when drought  
1453 00:54:31.770 --> 00:54:33.431 has onset and then launch  
1454 00:54:33.431 --> 00:54:35.730 environmental health initiatives  
1455 00:54:35.730 --> 00:54:37.383 after the drought has happened.  
1456 00:54:38.490 --> 00:54:40.560 And from this I created immediate  
1457 00:54:40.560 --> 00:54:41.790 short term and long term  
1458 00:54:41.790 --> 00:54:43.560 measures for the private well program  
1459 00:54:43.560 --> 00:54:46.533 as well as the drinking water branch to enact.  
1460 00:54:47.850 --> 00:54:49.290 I also had a side project  
1461 00:54:49.290 --> 00:54:51.960 so the environmental health and  
1462 00:54:51.960 --> 00:54:54.030 drinking water branch zoom backgrounds  
1463 00:54:54.030 --> 00:54:55.950 are really great to use  
1464 00:54:55.950 --> 00:54:58.230 when you're in a meeting with other people,  
1465 00:54:58.230 --> 00:54:59.580 especially not from the department  
1466 00:54:59.580 --> 00:55:01.430 or from other parts within the state.  
1467 00:55:02.760 --> 00:55:04.650 But they are not very visually accessible.  
1468 00:55:04.650 --> 00:55:06.150 So I just drafted a couple  
1469 00:55:06.150 --> 00:55:07.600 of different zoom backgrounds  
1470 00:55:08.437 --> 00:55:09.570 that had more contrast  
1471 00:55:09.570 --> 00:55:12.240 to help become more visually accept,  
1472 00:55:12.240 --> 00:55:14.550 accessible and yeah feel free.  
1473 00:55:14.550 --> 00:55:15.900 I prior to Yale,  
1474 00:55:15.900 --> 00:55:17.250 I did a bunch of stuff and after Yale  
1475 00:55:17.250 --> 00:55:18.750 I'm hoping to do a policy analysis

1476 00:55:18.750 --> 00:55:21.810 and implementation in water, energy and health.

1477 00:55:21.810 --> 00:55:23.013 So definitely reach out.

1478 00:55:27.240 --> 00:55:28.740 <v Mauro>So now we'll open up</v>

1479 00:55:30.390 --> 00:55:32.650 the questions for our panelists here

1480 00:55:36.840 --> 00:55:38.823 again, either are, yeah go ahead.

1481 00:55:39.840 --> 00:55:40.770 <v Audience Member>So since you're all</v>

1482 00:55:40.770 --> 00:55:43.590 at departments of health or public health,

1483 00:55:43.590 --> 00:55:47.250 whatever name they went with, is there any,

1484 00:55:47.250 --> 00:55:48.083 are there any tips or advice

1485 00:55:48.083 --> 00:55:49.980 you'd have to share with people

1486 00:55:49.980 --> 00:55:52.358 who are interested either internship

1487 00:55:52.358 --> 00:55:54.293 or career within a Department of Health?

1488 00:55:57.990 --> 00:55:58.823 <v ->I think something</v>

1489 00:55:58.823 --> 00:56:01.740 that I would start with is that the

1490 00:56:01.740 --> 00:56:03.660 timeline was a lot different

1491 00:56:03.660 --> 00:56:06.840 than I expected for projects.

1492 00:56:06.840 --> 00:56:07.673 Because,

1493 00:56:07.673 --> 00:56:10.080 so I were working within environmental

1494 00:56:10.080 --> 00:56:11.610 health part specifically,

1495 00:56:11.610 --> 00:56:13.493 but for example together it has

1496 00:56:13.493 --> 00:56:15.840 (indistinct)

1497 00:56:15.840 --> 00:56:18.933 like communication every step that way.

1498 00:56:19.800 --> 00:56:21.632 And then there were

1499 00:56:21.632 --> 00:56:23.790 other subsequent people that moved here before,

1500 00:56:23.790 --> 00:56:27.273 to final actual filming,

1501 00:56:29.141 --> 00:56:31.020 I thought was the longest actually,

1502 00:56:31.020 --> 00:56:34.050 it exceeded by a lot more time groundwork.

1503 00:56:34.050 --> 00:56:37.608 But I feel like my biggest feeling is that even

1504 00:56:37.608 --> 00:56:40.016 (indistinct)

1505 00:56:40.016 --> 00:56:42.433 (indistinct)  
1506 00:56:46.141 --> 00:56:49.680 So yeah, (indistinct)  
1507 00:56:49.680 --> 00:56:51.147 things that responded to resources,  
1508 00:56:51.147 --> 00:56:54.060 analyze the impact of their work  
1509 00:56:54.060 --> 00:56:55.050 and they've also partnered  
1510 00:56:55.050 --> 00:56:56.138 with like the university nursing department  
1511 00:56:56.138 --> 00:56:58.604 for softworks there.  
1512 00:56:58.604 --> 00:57:01.021 (indistinct)  
1513 00:57:02.496 --> 00:57:05.554 Their their rural community has a health  
1514 00:57:05.554 --> 00:57:08.750 (indistinct)  
1515 00:57:08.750 --> 00:57:09.583 it will take a lot longer,  
1516 00:57:09.583 --> 00:57:10.980 harder to establish  
1517 00:57:10.980 --> 00:57:14.550 had they not been institutionalized  
1518 00:57:14.550 --> 00:57:15.513 in public health.  
1519 00:57:18.784 --> 00:57:19.617 <v ->Going off of that,</v>  
1520 00:57:19.617 --> 00:57:21.450 my impression is that  
1521 00:57:21.450 --> 00:57:23.940 since it's like such a huge agency,  
1522 00:57:23.940 --> 00:57:25.190 (indistinct) everyone is,  
1523 00:57:27.480 --> 00:57:29.010 there's a lot of working with people  
1524 00:57:29.010 --> 00:57:30.540 and there's like a lot of like teamwork  
1525 00:57:30.540 --> 00:57:32.550 that happens and I think having experience  
1526 00:57:32.550 --> 00:57:34.350 like working on projects  
1527 00:57:34.350 --> 00:57:36.720 with other people is really useful.  
1528 00:57:36.720 --> 00:57:37.620 And I also kind of  
1529 00:57:37.620 --> 00:57:40.200 just work for having this kind of like  
1530 00:57:40.200 --> 00:57:42.420 interpersonal communication skills  
1531 00:57:42.420 --> 00:57:46.110 but also recognizing that  
1532 00:57:46.110 --> 00:57:46.943 like inside organization,  
1533 00:57:46.943 --> 00:57:49.165 (indistinct)  
1534 00:57:50.323 --> 00:57:52.740 (indistinct)  
1535 00:57:55.102 --> 00:57:57.180 organization resources that you (indistinct)

1536 00:57:57.180 --> 00:57:58.320 you can learn from.  
1537 00:57:58.320 --> 00:58:00.338 I think that's really like  
1538 00:58:00.338 --> 00:58:04.679 the power (indistinct)  
1539 00:58:04.679 --> 00:58:05.512 <v ->I would,</v>  
1540 00:58:05.512 --> 00:58:07.161 the least I can (indistinct)  
1541 00:58:07.161 --> 00:58:08.919 about having friends online,  
1542 00:58:08.919 --> 00:58:11.827 like the people who (indistinct)  
1543 00:58:11.827 --> 00:58:13.950 different from your typical academia.  
1544 00:58:13.950 --> 00:58:15.850 There's not like very solid deadlines,  
1545 00:58:16.703 --> 00:58:18.660 if you suck at this, it's a sign like you are,  
1546 00:58:18.660 --> 00:58:22.470 like any very solid time stamps to do.  
1547 00:58:22.470 --> 00:58:23.820 Anything I feel like.  
1548 00:58:23.820 --> 00:58:25.814 Because there's so many agencies and so  
many  
1549 00:58:25.814 --> 00:58:27.420 communication involved  
1550 00:58:27.420 --> 00:58:29.910 in the process I, across all the departments  
1551 00:58:29.910 --> 00:58:32.280 so it takes a lot of time to get through all  
1552 00:58:32.280 --> 00:58:33.780 these communications.  
1553 00:58:33.780 --> 00:58:35.457 And then it takes time to get the data  
1554 00:58:35.457 --> 00:58:38.850 you want and it might not be the ideal data,  
1555 00:58:38.850 --> 00:58:39.700 you have to pin it  
1556 00:58:39.700 --> 00:58:43.170 and do all the analysis for like further  
1557 00:58:43.170 --> 00:58:44.580 communication and outreaches  
1558 00:58:44.580 --> 00:58:45.930 to other stakeholders.  
1559 00:58:45.930 --> 00:58:47.910 So it's like a very different  
1560 00:58:47.910 --> 00:58:49.710 kind of feeling working  
1561 00:58:49.710 --> 00:58:53.415 in a state (indistinct)  
1562 00:58:53.415 --> 00:58:54.248 I, so just have  
1563 00:58:54.248 --> 00:58:56.038 an expectation of that.  
1564 00:58:56.038 --> 00:58:56.871 And yeah.  
1565 00:58:56.871 --> 00:58:59.487 <v ->And it's also interesting</v>

1566 00:58:59.487 --> 00:59:01.490 what you could say especially from a  
1567 00:59:01.490 --> 00:59:02.323 department health standpoint  
1568 00:59:02.323 --> 00:59:03.990 where there are a lot of like  
1569 00:59:03.990 --> 00:59:07.800 ways that I would've sort put a phrase,  
1570 00:59:07.800 --> 00:59:10.380 kind of responses to climate change  
1571 00:59:10.380 --> 00:59:11.972 on a personal level.  
1572 00:59:11.972 --> 00:59:13.363 However I have a recommendation  
1573 00:59:13.363 --> 00:59:15.429 that could be made if you're (indistinct)  
1574 00:59:15.429 --> 00:59:16.262 if you do not want to go there  
1575 00:59:16.262 --> 00:59:18.987 and say you should take XYZ action  
1576 00:59:18.987 --> 00:59:21.462 to (indistinct)  
1577 00:59:21.462 --> 00:59:23.828 It's important to (indistinct)  
1578 00:59:23.828 --> 00:59:24.840 you can find a false positive.  
1579 00:59:24.840 --> 00:59:26.993 Or (indistinct) you couldn't say that.  
1580 00:59:26.993 --> 00:59:27.826 You can just talk about  
1581 00:59:27.826 --> 00:59:30.483 it's very concerning for personal health.  
1582 00:59:34.830 --> 00:59:36.191 <v Mauro>Yeah, go ahead.</v>  
1583 00:59:36.191 --> 00:59:37.708 <v Audience Member>Thank you all for  
sharing.</v>  
1584 00:59:37.708 --> 00:59:39.266 I have a question.  
1585 00:59:39.266 --> 00:59:41.424 You might have answered it already.  
1586 00:59:41.424 --> 00:59:43.841 (indistinct)  
1587 00:59:45.840 --> 00:59:49.500 Have you experienced going with the com-  
munity,  
1588 00:59:49.500 --> 00:59:51.805 in terms of community (indistinct)  
1589 00:59:51.805 --> 00:59:54.388 and then if there were any sort of (indistinct)  
1590 00:59:54.388 --> 00:59:55.580 (indistinct)  
1591 00:59:55.580 --> 00:59:59.222 more engagement (indistinct)  
1592 00:59:59.222 --> 01:00:00.297 engaging?  
1593 01:00:00.297 --> 01:00:03.097 How that (indistinct)  
1594 01:00:03.097 --> 01:00:03.930 (indistinct) while being,

1595 01:00:03.930 --> 01:00:06.347 (indistinct)  
1596 01:00:09.534 --> 01:00:11.784 <v ->So I actually didn't have</v>  
1597 01:00:12.725 --> 01:00:16.150 the opportunity to directly engage  
1598 01:00:16.150 --> 01:00:17.983 with community members  
1599 01:00:18.925 --> 01:00:20.457 but like the main point of social contact was  
1600 01:00:20.457 --> 01:00:21.693 the social media,  
1601 01:00:22.590 --> 01:00:24.150 so I think understanding  
1602 01:00:24.150 --> 01:00:26.759 your audience is super helpful,  
1603 01:00:26.759 --> 01:00:29.310 which was, was lucky for us  
1604 01:00:29.310 --> 01:00:32.101 is that the communication staff  
1605 01:00:32.101 --> 01:00:32.934 had sense of who audience was  
1606 01:00:32.934 --> 01:00:37.590 through the social media platforms.  
1607 01:00:37.590 --> 01:00:40.175 So they're gonna be able  
1608 01:00:40.175 --> 01:00:43.226 to curate certain algorithms  
1609 01:00:43.226 --> 01:00:44.059 So it's a really positive,  
1610 01:00:44.059 --> 01:00:46.370 but I totally agree with you that having  
1611 01:00:46.370 --> 01:00:47.453 that kinda platform for  
1612 01:00:47.453 --> 01:00:50.203 that exchange is super important.  
1613 01:00:55.140 --> 01:00:56.380 <v ->I think,</v>  
1614 01:00:56.380 --> 01:01:00.038 I haven't (indistinct) standpoint.  
1615 01:01:00.038 --> 01:01:03.705 I think I a lot more of like getting to know  
1616 01:01:04.620 --> 01:01:06.610 community of Minnesota  
1617 01:01:07.560 --> 01:01:09.390 and you know the later it was cause I  
1618 01:01:09.390 --> 01:01:10.710 learned how to like,  
1619 01:01:10.710 --> 01:01:12.933 structure messages out with right people  
1620 01:01:12.933 --> 01:01:14.134 just based on like geographic expressions  
1621 01:01:14.134 --> 01:01:16.170 (indistinct)  
1622 01:01:16.170 --> 01:01:17.003 But the community  
1623 01:01:17.003 --> 01:01:18.540 that I did get to interact with actually  
1624 01:01:18.540 --> 01:01:19.600 helped their provider  
1625 01:01:20.647 --> 01:01:21.720 and that's not what I really expected

1626 01:01:21.720 --> 01:01:24.264 and that got a lot of value from it  
1627 01:01:24.264 --> 01:01:25.710 'cause the two kinda primary assumption  
1628 01:01:25.710 --> 01:01:28.770 matter experts for the project outside public health.  
1629 01:01:28.770 --> 01:01:31.110 One was a doctor and one was a nurse.  
1630 01:01:31.110 --> 01:01:34.914 So meeting with them Zoom and when I got,  
1631 01:01:34.914 --> 01:01:36.840 (indistinct)  
1632 01:01:36.840 --> 01:01:39.760 generous summer environmental fellow in Minnesota  
1633 01:01:42.030 --> 01:01:43.440 adjusting to the way they  
1634 01:01:43.440 --> 01:01:46.710 do their work was really important  
1635 01:01:46.710 --> 01:01:51.104 and something that to learn how to do.  
1636 01:01:51.104 --> 01:01:51.937 Because the way that  
1637 01:01:51.937 --> 01:01:54.580 a doctor, nurse kind of, seem to be approach  
1638 01:01:55.910 --> 01:01:56.743 climate health discussions  
1639 01:01:56.743 --> 01:01:58.500 or health realities would  
1640 01:01:58.500 --> 01:02:01.062 definitely kinda go on to be different.  
1641 01:02:01.062 --> 01:02:01.895 So your question like  
1642 01:02:01.895 --> 01:02:04.025 how to know those communities,  
1643 01:02:04.025 --> 01:02:05.060 I think just like going in  
1644 01:02:05.060 --> 01:02:07.800 trying to like go in and learning  
1645 01:02:07.800 --> 01:02:08.910 from them,  
1646 01:02:08.910 --> 01:02:10.189 they wanted address the problem  
1647 01:02:10.189 --> 01:02:12.739 and then like work their  
1648 01:02:12.739 --> 01:02:14.850 trajectory instead of coming and saying,  
1649 01:02:14.850 --> 01:02:19.850 this is how we gonna talk about what we did.  
1650 01:02:21.125 --> 01:02:24.297 They say my actions off of that, that community,  
1651 01:02:24.297 --> 01:02:25.447 how they did their work  
1652 01:02:26.389 --> 01:02:27.917 was really, really (indistinct).

1653 01:02:29.640 --> 01:02:32.790 <v ->For me, I actually do community engagement</v>

1654 01:02:32.790 --> 01:02:34.076 work whereas I really

1655 01:02:34.076 --> 01:02:36.720 wanna learn is like individual schools,

1656 01:02:36.720 --> 01:02:38.780 they have like their own piece,

1657 01:02:38.780 --> 01:02:40.363 like guide or like,

1658 01:02:42.317 --> 01:02:43.290 what's it called?

1659 01:02:43.290 --> 01:02:45.900 Like maybe like thresholds

1660 01:02:45.900 --> 01:02:48.300 for canceling visas or canceling

1661 01:02:48.300 --> 01:02:52.320 school involve such as, such degrees.

1662 01:02:52.320 --> 01:02:54.760 But then because it's summer

1663 01:02:55.613 --> 01:02:57.360 and so it is kind of really

1664 01:02:57.360 --> 01:03:00.000 hard to reach any of the school personnel.

1665 01:03:00.000 --> 01:03:01.218 We try to contact teachers

1666 01:03:01.218 --> 01:03:06.218 but then school nurses and like

1667 01:03:07.044 --> 01:03:07.877 the administrators are very hard

1668 01:03:07.877 --> 01:03:08.710 to reach out to certainly

1669 01:03:08.710 --> 01:03:09.543 during summer.

1670 01:03:09.543 --> 01:03:10.950 So I really hope that I,

1671 01:03:10.950 --> 01:03:11.970 I actually think it would be

1672 01:03:11.970 --> 01:03:14.767 a very great topic for a research study.

1673 01:03:14.767 --> 01:03:17.100 Where I do like qualitative research and just

1674 01:03:17.100 --> 01:03:20.700 interview a lot of school personnel

1675 01:03:20.700 --> 01:03:22.740 from different counties in Connecticut.

1676 01:03:22.740 --> 01:03:24.949 But we didn't have the time or

1677 01:03:24.949 --> 01:03:26.550 the resources to do that during summer.

1678 01:03:26.550 --> 01:03:27.960 And so we only did

1679 01:03:27.960 --> 01:03:30.423 a few interviews like very very few,

1680 01:03:31.560 --> 01:03:33.420 but we got like,

1681 01:03:33.420 --> 01:03:34.650 like a small picture

1682 01:03:34.650 --> 01:03:37.255 of what they're experiencing.

1683 01:03:37.255 --> 01:03:38.630 And I really hope that I get  
1684 01:03:38.630 --> 01:03:40.880 the opportunity to do more.  
1685 01:03:43.180 --> 01:03:45.360 <v Audience Member>Thank you.</v>  
1686 01:03:45.360 --> 01:03:46.193 <v Mauro>Any questions</v>  
1687 01:03:46.193 --> 01:03:48.723 from our audience online or in person?  
1688 01:03:51.360 --> 01:03:53.260 <v ->I have one for panelists</v>  
1689 01:03:54.180 --> 01:03:55.620 because Rose what you mentioned  
1690 01:03:55.620 --> 01:03:58.410 about tailoring the message, you know specific,  
1691 01:03:58.410 --> 01:03:59.820 you know they,  
1692 01:03:59.820 --> 01:04:02.010 Minnesotans cared more about ice fishing,  
1693 01:04:02.010 --> 01:04:03.243 you know,  
1694 01:04:03.243 --> 01:04:04.076 (Rose laughs)  
1695 01:04:04.076 --> 01:04:04.909 (audience member laughs)  
1696 01:04:04.909 --> 01:04:05.742 If anybody is from the Midwest  
1697 01:04:05.742 --> 01:04:06.876 or has been to Midwest you,  
1698 01:04:06.876 --> 01:04:08.723 you understand how important that is out there.  
1699 01:04:09.570 --> 01:04:10.920 So for all of our panelists,  
1700 01:04:10.920 --> 01:04:12.000 were there any messages  
1701 01:04:12.000 --> 01:04:14.640 that you all developed or that you  
1702 01:04:14.640 --> 01:04:15.630 were trying to get through  
1703 01:04:15.630 --> 01:04:19.690 to audiences that you just found  
1704 01:04:20.760 --> 01:04:22.380 particularly engaging?  
1705 01:04:22.380 --> 01:04:23.220 So maybe it was a,  
1706 01:04:23.220 --> 01:04:26.193 an exact message or maybe it was like a theme.  
1707 01:04:27.750 --> 01:04:29.190 Like what what stuck with  
1708 01:04:29.190 --> 01:04:32.010 the people that you all were  
1709 01:04:32.010 --> 01:04:32.973 engaging with?  
1710 01:04:35.352 --> 01:04:36.185 I guess from like  
1711 01:04:36.185 --> 01:04:37.530 a personal example like you know

1712 01:04:37.530 --> 01:04:38.670 nobody likes ticks, right?  
1713 01:04:38.670 --> 01:04:39.540 So if you said something out  
1714 01:04:39.540 --> 01:04:40.620 about ticks I was like yeah  
1715 01:04:40.620 --> 01:04:41.671 they're terrible.  
1716 01:04:41.671 --> 01:04:42.504 (Rose laughs)  
1717 01:04:42.504 --> 01:04:43.337 So were there any messages  
1718 01:04:43.337 --> 01:04:45.210 like that in your projects that  
1719 01:04:45.210 --> 01:04:48.093 you found really resonated with folks?  
1720 01:04:56.700 --> 01:04:57.999 <v ->I think,</v>  
1721 01:04:57.999 --> 01:04:58.832 well first of all  
1722 01:04:58.832 --> 01:05:00.593 I think I'll say that would be one place  
1723 01:05:02.084 --> 01:05:05.359 would live my internship to go to spend more  
time  
1724 01:05:05.359 --> 01:05:08.716 get that feedback from, from the people  
1725 01:05:08.716 --> 01:05:09.549 (indistinct) for.  
1726 01:05:11.970 --> 01:05:12.803 So I don't,  
1727 01:05:12.803 --> 01:05:15.480 the answer for sure but conceptually the way  
that  
1728 01:05:15.480 --> 01:05:16.330 I approached them  
1729 01:05:17.460 --> 01:05:19.823 was like going zeroing in on the personal.  
1730 01:05:19.823 --> 01:05:21.060 So when I was writing  
1731 01:05:21.060 --> 01:05:23.845 the model dialogue for the videos,  
1732 01:05:23.845 --> 01:05:26.520 I had two kind theoretical patients,  
1733 01:05:26.520 --> 01:05:27.520 one who's kind like,  
1734 01:05:28.448 --> 01:05:31.290 was ready to kinda talk about strategies  
1735 01:05:31.290 --> 01:05:33.210 for behavior health and the other patient,  
1736 01:05:33.210 --> 01:05:35.302 other model dialogue  
1737 01:05:35.302 --> 01:05:40.050 has not really kinda with science even.  
1738 01:05:40.050 --> 01:05:43.580 So visualizing those two different types of,  
1739 01:05:43.580 --> 01:05:45.090 of people and we know  
1740 01:05:45.090 --> 01:05:46.859 there are more than those two,

1741 01:05:46.859 --> 01:05:48.611 those like, kind of archetypes  
1742 01:05:48.611 --> 01:05:51.750 of kinship that might (indistinct)  
1743 01:05:51.750 --> 01:05:53.069 really helped me think  
1744 01:05:53.069 --> 01:05:54.360 about how you structure  
1745 01:05:54.360 --> 01:05:56.076 a conversation to those different  
1746 01:05:56.076 --> 01:05:56.909 kind of people  
1747 01:05:56.909 --> 01:05:59.700 who wants know more and wants create more  
1748 01:05:59.700 --> 01:06:01.170 and one who's more closed in.  
1749 01:06:01.170 --> 01:06:03.100 And so for me I thought about  
1750 01:06:04.020 --> 01:06:06.210 how we might get somebody who isn't  
1751 01:06:06.210 --> 01:06:07.350 really following  
1752 01:06:07.350 --> 01:06:11.973 the science or that way to get them to action.  
1753 01:06:13.350 --> 01:06:16.170 Get them to see how it might impact their  
health  
1754 01:06:16.170 --> 01:06:17.003 without words  
1755 01:06:17.003 --> 01:06:19.383 like climate change or without directly say-  
ing,  
1756 01:06:21.180 --> 01:06:22.980 directly (indistinct)  
1757 01:06:22.980 --> 01:06:24.180 not told.  
1758 01:06:24.180 --> 01:06:26.598 So for kind of the hesitation  
1759 01:06:26.598 --> 01:06:28.980 that character was a construction worker  
1760 01:06:28.980 --> 01:06:31.800 and working in the city so that doctor and  
1761 01:06:31.800 --> 01:06:34.500 dialogue talked about how when it's a hot  
day on  
1762 01:06:34.500 --> 01:06:36.304 the construction site,  
1763 01:06:36.304 --> 01:06:37.137 you know that can be danger  
1764 01:06:37.137 --> 01:06:38.640 for you or your coworkers 'cause  
1765 01:06:38.640 --> 01:06:41.433 of the amount of (indistinct) like space.  
1766 01:06:43.961 --> 01:06:44.794 And so I guess just to,  
1767 01:06:44.794 --> 01:06:45.894 to answer your question,  
1768 01:06:45.894 --> 01:06:48.120 I would say thinking through,  
1769 01:06:48.120 --> 01:06:49.320 not in the theoretical,

1770 01:06:49.320 --> 01:06:50.480 just like how would people react  
1771 01:06:50.480 --> 01:06:51.840 to climate change but  
1772 01:06:51.840 --> 01:06:53.006 on the level like how would this person  
1773 01:06:53.006 --> 01:06:55.473 who has this life experience stop?  
1774 01:06:56.731 --> 01:06:59.148 (indistinct)  
1775 01:07:01.451 --> 01:07:04.383 <v ->It's sort of like a general sense for a lot of,</v>  
1776 01:07:05.520 --> 01:07:08.490 for our social media kind of content that we,  
1777 01:07:08.490 --> 01:07:09.323 we worked on,  
1778 01:07:10.209 --> 01:07:11.042 we knew that we had  
1779 01:07:11.042 --> 01:07:14.247 a lot of the audience for MDH's Facebook,  
1780 01:07:16.927 --> 01:07:19.760 Instagram are of like younger age.  
1781 01:07:21.733 --> 01:07:26.358 And so again, yes, (indistinct)  
1782 01:07:26.358 --> 01:07:29.323 (indistinct) which is pretty much  
1783 01:07:29.323 --> 01:07:31.293 is false and played out.  
1784 01:07:32.220 --> 01:07:35.190 But like send, centering the help of  
1785 01:07:35.190 --> 01:07:37.619 their children and through,  
1786 01:07:37.619 --> 01:07:39.978 I went through the language  
1787 01:07:39.978 --> 01:07:41.478 (indistinct) that were on the,  
1788 01:07:42.560 --> 01:07:43.393 (indistinct)  
1789 01:07:43.393 --> 01:07:44.226 that we created,  
1790 01:07:44.226 --> 01:07:45.667 as you imagine it was  
1791 01:07:45.667 --> 01:07:47.150 a bit helpful in sort of  
1792 01:07:47.150 --> 01:07:49.317 captivating the audience.  
1793 01:07:50.401 --> 01:07:52.926 But again I would have loved  
1794 01:07:52.926 --> 01:07:55.326 to have seen the reactions  
1795 01:07:55.326 --> 01:07:57.926 and I still hope to so I, I will be wiser.  
1796 01:07:57.926 --> 01:07:58.759 (Rose laughs)  
1797 01:07:58.759 --> 01:08:00.000 <v Audience Member>Thank you.</v>  
1798 01:08:00.000 --> 01:08:00.833 <v ->Yeah so, since we</v>  
1799 01:08:00.833 --> 01:08:03.366 haven't added it in the course,

1800 01:08:03.366 --> 01:08:04.199 so I am really not sure  
1801 01:08:04.199 --> 01:08:06.330 of what people are gonna resonate  
1802 01:08:06.330 --> 01:08:07.920 with our slides.  
1803 01:08:07.920 --> 01:08:09.360 But I do want that people  
1804 01:08:09.360 --> 01:08:11.040 make use of the resources we put  
1805 01:08:11.040 --> 01:08:11.873 in the slides.  
1806 01:08:11.873 --> 01:08:13.980 We have included resource links  
1807 01:08:13.980 --> 01:08:16.796 on where people can come in for building  
shade on  
1808 01:08:16.796 --> 01:08:17.670 in your school playground  
1809 01:08:17.670 --> 01:08:21.255 and there is also like since the Covid,  
1810 01:08:21.255 --> 01:08:22.661 there are still Covid funds  
1811 01:08:22.661 --> 01:08:24.150 that can include the renovation  
1812 01:08:24.150 --> 01:08:25.320 and maybe install like  
1813 01:08:25.320 --> 01:08:27.150 a bus systems in your school.  
1814 01:08:27.150 --> 01:08:28.313 So I really hope that people  
1815 01:08:28.313 --> 01:08:30.160 can pick visa up and do  
1816 01:08:31.140 --> 01:08:32.090 something for their schools  
1817 01:08:32.090 --> 01:08:34.810 if they didn't have air conditioning  
1818 01:08:36.923 --> 01:08:38.250 and I really hope that  
1819 01:08:38.250 --> 01:08:41.013 they can make use of these resources.  
1820 01:08:42.861 --> 01:08:43.694 <v Mauro>Great.</v>  
1821 01:08:43.694 --> 01:08:44.527 Thank you for your answers.  
1822 01:08:44.527 --> 01:08:45.573 I think that ties well,  
1823 01:08:46.470 --> 01:08:48.720 we had a question in the chat.  
1824 01:08:48.720 --> 01:08:49.950 Is there a way to like share  
1825 01:08:49.950 --> 01:08:51.480 all the information and I think  
1826 01:08:51.480 --> 01:08:52.636 that's the ultimate goal  
1827 01:08:52.636 --> 01:08:55.950 of whatever it is that you're doing,  
1828 01:08:55.950 --> 01:08:59.280 you're gonna make it either public or share  
it.

1829 01:08:59.280 --> 01:09:00.390 I will say for the people  
1830 01:09:00.390 --> 01:09:02.010 who registered for this talk,  
1831 01:09:02.010 --> 01:09:03.300 our students put together  
1832 01:09:03.300 --> 01:09:05.460 a folder of deliverables  
1833 01:09:05.460 --> 01:09:06.840 and things that we can share out.  
1834 01:09:06.840 --> 01:09:08.130 So look forward to that email  
1835 01:09:08.130 --> 01:09:10.410 from me that will have all  
1836 01:09:10.410 --> 01:09:12.750 the things that they wanted  
1837 01:09:12.750 --> 01:09:14.250 to share out and organizations  
1838 01:09:14.250 --> 01:09:15.800 wanted to use those, wonderful.  
1839 01:09:17.040 --> 01:09:20.220 Any other questions from our audience?  
1840 01:09:20.220 --> 01:09:21.053 Yeah, go ahead.  
1841 01:09:21.930 --> 01:09:22.980 <v Audience Member>I'm going off</v>  
1842 01:09:22.980 --> 01:09:26.250 your response to (indistinct)  
1843 01:09:27.350 --> 01:09:28.980 Do you get a sense of how  
1844 01:09:28.980 --> 01:09:31.130 the community that worked with  
1845 01:09:31.130 --> 01:09:34.287 (indistinct)  
1846 01:09:34.287 --> 01:09:35.120 like respondent  
1847 01:09:35.120 --> 01:09:37.628 to including communication  
1848 01:09:37.628 --> 01:09:42.270 into patient healthcare, were they all for it?  
1849 01:09:42.270 --> 01:09:45.080 Did you encounter any resistance?  
1850 01:09:45.080 --> 01:09:46.230 <v ->Yeah.</v>  
1851 01:09:46.230 --> 01:09:47.387 And that's for anyone?  
1852 01:09:47.387 --> 01:09:49.804 (indistinct)  
1853 01:09:53.940 --> 01:09:55.317 What was about like how,  
1854 01:09:55.317 --> 01:09:57.717 how healthcare providers themselves  
responded to  
1855 01:09:58.952 --> 01:10:01.284 (indistinct)  
1856 01:10:01.284 --> 01:10:03.334 <v Audience Member>Yes.</v>  
1857 01:10:03.334 --> 01:10:05.751 (indistinct)  
1858 01:10:09.350 --> 01:10:12.858 <v Audience Member>(indistinct)</v>

1859 01:10:12.858 --> 01:10:14.891 (panelists mumble)  
1860 01:10:14.891 --> 01:10:17.017 (panelists laugh)  
1861 01:10:17.017 --> 01:10:17.850 <v ->Yeah,</v>  
1862 01:10:17.850 --> 01:10:18.683 that's a great question  
1863 01:10:18.683 --> 01:10:20.759 and that was something I was a  
1864 01:10:20.759 --> 01:10:22.353 little unwary of until then.  
1865 01:10:23.880 --> 01:10:25.447 Because I had experience communicating  
1866 01:10:25.447 --> 01:10:26.280 in classroom topics.  
1867 01:10:26.280 --> 01:10:28.440 On the lectern in front of students.  
1868 01:10:28.440 --> 01:10:30.210 So it felt a little kinda weird  
1869 01:10:30.210 --> 01:10:31.396 to be trying to think or,  
1870 01:10:31.396 --> 01:10:32.700 it was interesting question  
1871 01:10:32.700 --> 01:10:35.296 how you educate people who are so well  
1872 01:10:35.296 --> 01:10:36.129 educated about their pockets  
1873 01:10:36.129 --> 01:10:39.110 of focus and so in the,  
1874 01:10:39.110 --> 01:10:41.133 in the survey that MD's put out,  
1875 01:10:42.478 --> 01:10:44.820 we found about like 76%  
1876 01:10:44.820 --> 01:10:46.480 of the respondents said that yes  
1877 01:10:46.480 --> 01:10:48.300 it's happening,  
1878 01:10:48.300 --> 01:10:49.853 moving around like near 16 you know,  
1879 01:10:51.885 --> 01:10:54.480 they said that climate belongs in the clinic,  
1880 01:10:54.480 --> 01:10:56.100 but a number of those  
1881 01:10:56.100 --> 01:10:57.900 who felt capable of doing that would  
1882 01:10:58.875 --> 01:10:59.708 be smaller.  
1883 01:10:59.708 --> 01:11:00.541 And so like that would started  
1884 01:11:00.541 --> 01:11:01.374 going in to know that there  
1885 01:11:01.374 --> 01:11:02.700 was other measured amount  
1886 01:11:02.700 --> 01:11:05.490 of people who, who wanted this,  
1887 01:11:05.490 --> 01:11:08.763 this information wanted that, that education.  
1888 01:11:09.660 --> 01:11:11.337 So that was like kinda  
1889 01:11:11.337 --> 01:11:13.620 step one was having that confirmation,

1890 01:11:13.620 --> 01:11:15.166 knowing that there was demand  
1891 01:11:15.166 --> 01:11:16.620 for this education out there,  
1892 01:11:16.620 --> 01:11:18.390 resources out there.  
1893 01:11:18.390 --> 01:11:19.500 But as far as like  
1894 01:11:19.500 --> 01:11:21.150 the specific reactions of health  
1895 01:11:21.150 --> 01:11:23.283 providers, in the survey it allowed,  
1896 01:11:24.420 --> 01:11:26.095 there was like a spot  
1897 01:11:26.095 --> 01:11:28.381 where areas where the healthcare providers  
1898 01:11:28.381 --> 01:11:31.590 could like put in what they were meeting.  
1899 01:11:31.590 --> 01:11:33.030 And so there are people,  
1900 01:11:33.030 --> 01:11:34.984 many responses saying need  
1901 01:11:34.984 --> 01:11:35.817 education, we need resources,  
1902 01:11:35.817 --> 01:11:38.490 we need like guided dialogue,  
1903 01:11:38.490 --> 01:11:40.320 how, how do these dialogue.  
1904 01:11:40.320 --> 01:11:43.113 So knowing that going in was helpful,  
1905 01:11:44.010 --> 01:11:45.970 but there were interactions I had  
1906 01:11:47.286 --> 01:11:48.816 they were not the formal way  
1907 01:11:48.816 --> 01:11:50.291 but I remember I went, I had check in,  
1908 01:11:50.291 --> 01:11:51.630 check out my,  
1909 01:11:51.630 --> 01:11:53.580 my own personal physical summer  
1910 01:11:53.580 --> 01:11:54.720 and I just kinda threw the  
1911 01:11:54.720 --> 01:11:56.310 question out to my doctor, what are,  
1912 01:11:56.310 --> 01:11:57.690 what are your thoughts  
1913 01:11:57.690 --> 01:11:59.716 about having this kind of conversation  
1914 01:11:59.716 --> 01:12:00.549 in the clinic?  
1915 01:12:00.549 --> 01:12:03.512 And she was kinda resisting  
1916 01:12:03.512 --> 01:12:05.700 the idea of like actually  
1917 01:12:05.700 --> 01:12:08.303 opening dialogue like formally with a patient.  
1918 01:12:08.303 --> 01:12:09.771 But she did mention she worked  
1919 01:12:09.771 --> 01:12:11.270 in a clinic that was in a,  
1920 01:12:11.270 --> 01:12:14.100 in an urban location and location

1921 01:12:14.100 --> 01:12:15.060 and she mentioned the fact  
1922 01:12:15.060 --> 01:12:17.779 there was significantly higher rates of asthma,  
1923 01:12:17.779 --> 01:12:19.560 she recalls talked about  
1924 01:12:19.560 --> 01:12:20.393 in that urban clinic versus  
1925 01:12:20.393 --> 01:12:22.283 in the suburban clinic.  
1926 01:12:22.283 --> 01:12:23.116 So I think,  
1927 01:12:23.116 --> 01:12:26.721 while not every clinicians seem like  
1928 01:12:26.721 --> 01:12:27.554 (Rose snaps fingers)  
1929 01:12:27.554 --> 01:12:28.387 ready to like go there  
1930 01:12:28.387 --> 01:12:29.220 to the location tomorrow.  
1931 01:12:29.220 --> 01:12:30.544 I think there is kind of this,  
1932 01:12:30.544 --> 01:12:34.170 an awakening within,  
1933 01:12:34.170 --> 01:12:36.270 that start happening.  
1934 01:12:36.270 --> 01:12:38.767 And if they start among colleagues  
1935 01:12:38.767 --> 01:12:39.866 and then then motivations,  
1936 01:12:39.866 --> 01:12:40.866 that would be great.  
1937 01:12:42.291 --> 01:12:43.508 But that's not 100%  
1938 01:12:43.508 --> 01:12:44.873 will be able to follow up on is,  
1939 01:12:45.810 --> 01:12:47.519 are we communicating with people  
1940 01:12:47.519 --> 01:12:50.802 who actually we can reach, create this dia-  
logue  
1941 01:12:50.802 --> 01:12:52.145 Thank you for your question.  
1942 01:12:52.145 --> 01:12:56.371 <v Audience Member>(indistinct)</v>  
1943 01:12:56.371 --> 01:12:57.336 <v ->I (indistinct)</v>  
1944 01:12:57.336 --> 01:12:59.436 So I also (indistinct)  
1945 01:12:59.436 --> 01:13:02.510 a lot of the evidences (indistinct)  
1946 01:13:02.510 --> 01:13:04.918 <v Mauro>(indistinct)</v>  
1947 01:13:04.918 --> 01:13:06.725 <v ->(indistinct) that,</v>  
1948 01:13:06.725 --> 01:13:09.240 we're not, going to say  
1949 01:13:09.240 --> 01:13:10.923 that we're not going to achieve that in health  
1950 01:13:10.923 --> 01:13:11.756 is such a huge issue on.

1951 01:13:11.756 --> 01:13:14.220 That is like, here we are.  
1952 01:13:14.220 --> 01:13:15.180 So definitely like,  
1953 01:13:15.180 --> 01:13:16.230 I mean there's definitely  
1954 01:13:16.230 --> 01:13:18.930 overwhelming majority like I think  
1955 01:13:18.930 --> 01:13:19.763 so that they believed  
1956 01:13:19.763 --> 01:13:22.827 in climate change and that it was like  
1957 01:13:22.827 --> 01:13:24.900 a health issue.  
1958 01:13:24.900 --> 01:13:26.250 Yeah, that like 25,  
1959 01:13:26.250 --> 01:13:27.950 which was more than I thought but,  
1960 01:13:28.918 --> 01:13:29.751 but the people who we working with  
1961 01:13:29.751 --> 01:13:32.460 were still pretty  
1962 01:13:32.460 --> 01:13:33.541 excited about that number.  
1963 01:13:33.541 --> 01:13:36.008 (laughs)  
1964 01:13:36.008 --> 01:13:38.316 But yes, so we guys were on a team of like  
1965 01:13:38.316 --> 01:13:41.100 (indistinct)  
1966 01:13:41.100 --> 01:13:45.024 similar but like less projects than we did.  
1967 01:13:45.024 --> 01:13:47.107 So of them was with  
1968 01:13:47.107 --> 01:13:50.700 a bunch of doctors and nurses  
1969 01:13:50.700 --> 01:13:51.533 about,  
1970 01:13:51.533 --> 01:13:53.100 about this topic  
1971 01:13:53.100 --> 01:13:56.700 and a lot saying that primary care settings  
1972 01:13:56.700 --> 01:13:58.950 were like the best ways  
1973 01:13:58.950 --> 01:14:00.330 to like have those conversations.  
1974 01:14:00.330 --> 01:14:01.763 Because also there's a point where unfortu-  
nately  
1975 01:14:01.763 --> 01:14:04.180 (indistinct)  
1976 01:14:06.152 --> 01:14:07.380 it can be personal  
1977 01:14:07.380 --> 01:14:09.810 and it can help to have like an ongoing  
1978 01:14:09.810 --> 01:14:11.200 relationship and also  
1979 01:14:12.240 --> 01:14:13.417 saying where you have more time  
1980 01:14:13.417 --> 01:14:15.213 to have those conversations.

1981 01:14:16.796 --> 01:14:18.304 Whereas in like the ED,  
1982 01:14:18.304 --> 01:14:20.220 you don't really have that time, I imagine.  
1983 01:14:20.220 --> 01:14:21.820 So yeah, it's just (indistinct).  
1984 01:14:24.960 --> 01:14:27.420 <v Mauro>Great, thank you for that ques-  
tion.</v>  
1985 01:14:27.420 --> 01:14:31.020 Any last ones?  
1986 01:14:31.020 --> 01:14:32.156 No.  
1987 01:14:32.156 --> 01:14:32.989 Okay.  
1988 01:14:32.989 --> 01:14:33.822 So time for round of applause for panel.  
1989 01:14:33.822 --> 01:14:36.405 (Mauro laughs)  
1990 01:14:39.450 --> 01:14:40.651 All right.  
1991 01:14:40.651 --> 01:14:43.710 To our online audience and to our audience  
here,  
1992 01:14:43.710 --> 01:14:47.220 I just wanna say thank you for joining us.  
1993 01:14:47.220 --> 01:14:48.118 I really appreciate you making time  
1994 01:14:48.118 --> 01:14:50.730 on your Thursday night  
1995 01:14:50.730 --> 01:14:53.580 to come in here from our students  
1996 01:14:53.580 --> 01:14:55.083 and the work that they did.  
1997 01:14:56.319 --> 01:14:57.302 Lemme' see if I can switch  
1998 01:14:57.302 --> 01:14:58.135 this camera so our online folks  
1999 01:14:58.135 --> 01:14:59.234 can see us.  
2000 01:14:59.234 --> 01:15:00.390 Hey, there we go.  
2001 01:15:00.390 --> 01:15:01.620 If you have any questions,  
2002 01:15:01.620 --> 01:15:02.640 feel free to reach out.  
2003 01:15:02.640 --> 01:15:04.410 That's the general email address  
2004 01:15:04.410 --> 01:15:05.490 for the center and we can  
2005 01:15:05.490 --> 01:15:06.520 put you in contact  
2006 01:15:07.380 --> 01:15:08.730 if you have any specific questions  
2007 01:15:08.730 --> 01:15:09.720 for students.  
2008 01:15:09.720 --> 01:15:11.760 And also feel free to visit our website.  
2009 01:15:11.760 --> 01:15:15.450 There it is, bit.ly/yccch.

2010 01:15:15.450 --> 01:15:17.400 So once again, thank you all for being here.

2011 01:15:17.400 --> 01:15:19.650 Thank you for all the hard work that you did.