WEBVTT

1 00:00:00.860 --> 00:00:02.360 <v ->Welcome everyone</v>

2 00:00:02.360 --> 00:00:07.040 to the Summer 2021 Climate and Health Internship Colloquium.

3 00:00:07.040 --> 00:00:10.283 We're so glad to have this great group together,

4 00:00:11.290 --> 00:00:15.193 and we have a packed agenda from our fantastic students.

5 00:00:16.920 --> 00:00:19.800 First, I'll just take a minute

6 00:00:19.800 --> 00:00:22.010 to tell you that we're recording,

7 00:00:22.010 --> 00:00:24.290 and that this will be available afterwards,

8 00:00:24.290 --> 00:00:27.930 and especially to give a welcome to preceptors who are here,

9 00:00:27.930 --> 00:00:29.930 who hosted our students over the summer.

10 00:00:36.110 --> 00:00:37.530 A couple of session rules.

11 00:00:37.530 --> 00:00:38.860 Please place yourself on mute

12 00:00:38.860 --> 00:00:40.950 while the panelists are presenting.

13 00:00:40.950 --> 00:00:43.670 You can enter your questions into the chat box.

14 00:00:43.670 --> 00:00:47.183 There will be a Q&A session at the end.

15 00:00:52.720 --> 00:00:56.403 Our agenda is a quick introduction to our center,

16 00:00:57.320 --> 00:01:00.640 and then we have three panels, and then the Q&A session.

17 00:01:00.640 --> 00:01:01.960 So first I'll just tell you,

18 00:01:01.960 --> 00:01:04.540 the Yale Center on Climate Change and Health

19 00:01:04.540 --> 00:01:06.360 is a center that's based

20 00:01:06.360 --> 00:01:07.690 at the Yale School of Public Health.

21 00:01:07.690 --> 00:01:12.570 We work through research education on public health practice

22 00:01:12.570 --> 00:01:17.570 to effect and address the health impacts of climate change,

23 00:01:18.810 --> 00:01:22.810 as well as identify the health co-benefits of climate action

24 00:01:22.810 --> 00:01:27.120 and push for addressing climate change, which we consider

25 00:01:27.120 --> 00:01:28.927 to be perhaps the greatest public health threat

26 00:01:28.927 --> 00:01:30.203 of the 21st century.

27 00:01:31.775 --> 00:01:34.260 We sponsored this internship program,

28 00:01:34.260 --> 00:01:36.640 and we also have a new concentration

29 00:01:36.640 --> 00:01:38.050 in climate change and health that I want

30 00:01:38.050 --> 00:01:41.440 to especially make first year MPH students aware of.

31 00:01:41.440 --> 00:01:44.250 So MPH students from any of the departments

32 00:01:44.250 --> 00:01:46.570 are eligible to apply.

33 00:01:46.570 --> 00:01:49.430 So you would add it on top of your department.

34 00:01:49.430 --> 00:01:52.740 You'll be getting more information in mid-October.

35 00:01:52.740 --> 00:01:54.750 So about the application process,

36 00:01:54.750 --> 00:01:56.313 it's quite straightforward.

37 00:01:58.030 --> 00:02:03.030 And we have a number of the current concentration students

38 00:02:03.380 --> 00:02:05.080 as part of this internship cohort.

39 00:02:06.970 --> 00:02:09.520 With that, we're gonna turn to our first panel.

40 00:02:09.520 --> 00:02:12.830 So this is climate and health on an international scale,

41 00:02:12.830 --> 00:02:16.050 and we have three students

42 00:02:16.050 --> 00:02:18.040 who are kind of stepping up to the virtual podium.

43 00:02:18.040 --> 00:02:23.040 Weixi Wu, Erika-ann Kim, and Rebecca Gillman.

44 00:02:23.120 --> 00:02:26.120 So each student will give a kind of a very quick

45 00:02:26.120 --> 00:02:27.620 couple of minutes summary

46 00:02:27.620 --> 00:02:30.040 of their project and their organization,

47 00:02:30.040 --> 00:02:32.190 and then we'll shift to a panel discussion.

48 00:02:34.520 --> 00:02:35.803 So first, we have Weixi.

49 00:02:37.530 --> 00:02:38.540 <v ->Hi everyone.</v>

50 00:02:38.540 --> 00:02:41.373 So you guys can hear me okay?

51 00:02:42.230 --> 00:02:43.780 Okay, good.

52 00:02:43.780 --> 00:02:44.613 Hi everyone. I'm Weixi.

53 00:02:44.613 --> 00:02:47.420 I'm a joint-master degree student

54 00:02:47.420 --> 00:02:49.940 from the Department of Environmental Health Sciences

55 00:02:49.940 --> 00:02:51.660 and School of Public Health,

56 00:02:51.660 --> 00:02:54.950 and master of environment science in School of Environment.

57 00:02:54.950 --> 00:02:58.070 I'm on the concentration in global health,

58 00:02:58.070 --> 00:03:00.743 but I'm working as a student associate coordinator

59 00:03:00.743 --> 00:03:03.828 in Center on Climate Change and Health.

60 00:03:03.828 --> 00:03:04.782 So in the past summer,

61 00:03:04.782 --> 00:03:08.870 I worked with on Dejusticia Climate Change Litigation

62 00:03:08.870 --> 00:03:12.010 to identify the interlinkages between climate change,

63 00:03:12.010 --> 00:03:13.880 air quality, and human health

64 00:03:13.880 --> 00:03:15.603 from the human rights perspective.

65 00:03:16.520 --> 00:03:19.090 As shown on my presentation slide,

66 00:03:19.090 --> 00:03:21.830 Dejusticia is a Columbia-based research

67 00:03:21.830 --> 00:03:25.060 and advocacy organization that uses law

68 00:03:25.060 --> 00:03:27.393 to promote social justice and human rights in Columbia

69 00:03:27.393 --> 00:03:29.540 and the Global South.

70 00:03:29.540 --> 00:03:33.380 Columbia is at high risk for climate change impacts.

71 00:03:33.380 --> 00:03:36.380 In urban areas, people are suffering water shortages

72 00:03:36.380 --> 00:03:39.280 and land instability, and the rise in temperature

73 00:03:39.280 --> 00:03:41.360 and changes in rainfall patterns

74 00:03:41.360 --> 00:03:43.700 can also have an impact on respiratory,

75 00:03:43.700 --> 00:03:46.910 cardiovascular, and waterborne diseases.

76 00:03:46.910 --> 00:03:48.830 And apart from urban areas,

77 00:03:48.830 --> 00:03:50.720 climate change has become a threat

78 00:03:50.720 --> 00:03:53.080 to Columbia's rich biodiversity.

79 00:03:53.080 --> 00:03:56.240 Equal says the natural resources depletion

80 00:03:56.240 --> 00:03:58.160 and violates the basic human rights

81 00:03:58.160 --> 00:04:02.010 of indigenous populations to a healthy environment.

82 00:04:02.010 --> 00:04:04.050 In Colombian legal system,

83 00:04:04.050 --> 00:04:07.360 individuals are allowed to bring claims before local courts

84 00:04:07.360 --> 00:04:11.510 against the government, public entities, or private sectors

85 00:04:11.510 --> 00:04:13.870 for not complying with national laws

86 00:04:13.870 --> 00:04:15.760 or international obligations

87 00:04:15.760 --> 00:04:18.330 related to climate change matters.

88 00:04:18.330 --> 00:04:20.180 So during this internship,

89 00:04:20.180 --> 00:04:23.820 we analyzed the legal channels and different case studies,

90 00:04:23.820 --> 00:04:26.690 both in Colombia and in other countries,

91 00:04:26.690 --> 00:04:28.480 and we're still in the process

92 00:04:28.480 --> 00:04:31.860 of completing the literature review.

93 00:04:31.860 --> 00:04:36.100 And for Columbia, the preliminary result we got

94 00:04:36.100 --> 00:04:38.450 from the internship is, for Columbia,

95 00:04:38.450 --> 00:04:42.370 it is necessary to continue adopting preventative measures

96 00:04:42.370 --> 00:04:45.650 to anticipate further climate change impacts

97 00:04:45.650 --> 00:04:48.850 since up to now, all this measures they have taken,

98 00:04:48.850 --> 00:04:52.373 it's not sufficient to tackle this problem in the country.

99 00:04:54.200 --> 00:04:55.033 <v ->Yeah. Great.</v>

100 00:04:55.033 --> 00:04:56.283 Thank you, Weixi.

101 00:04:58.050 --> 00:04:59.223 Next is Erika.

102 00:05:01.650 --> 00:05:02.610 <v ->Hi. Thank you.</v>

103 00:05:02.610 --> 00:05:04.930 Thank you, Dr. Bozzi, and also thank you to everyone else

104 00:05:04.930 --> 00:05:07.300 at the Yale Center on Climate Change and Health

105 00:05:07.300 --> 00:05:11.070 for organizing this and as usual, just doing amazing work.

106 00:05:11.070 --> 00:05:12.530 Hi everyone. My name is Erika.

107 00:05:12.530 --> 00:05:14.470 I am a second year MPH student

108 00:05:14.470 --> 00:05:16.100 at Yale School of Public Health

109 00:05:16.100 --> 00:05:18.640 in the Chronic Disease Epidemiology Department,

110 00:05:18.640 --> 00:05:20.530 and I'm also getting a concentration

111 00:05:20.530 --> 00:05:22.033 in climate change and health.

112 00:05:22.930 --> 00:05:24.830 So this past summer, I interned

113 00:05:24.830 --> 00:05:28.140 for the Eastern Caribbean Health Outcomes Network or ECHORN.

114 00:05:28.140 --> 00:05:30.440 My preceptor was Dr. Saria Hassan

115 00:05:30.440 --> 00:05:32.780 from Emory Rollins School of Public Health,

116 00:05:32.780 --> 00:05:35.530 and I worked on a qualitative study

117 00:05:35.530 --> 00:05:39.190 that aimed to assess the feasibility and acceptability

118 00:05:39.190 --> 00:05:44.190 of WHO NCD kids that are meant to be implemented

119 00:05:44.230 --> 00:05:46.403 after natural disasters in the Caribbean.

120 00:05:47.330 --> 00:05:49.800 And although the summer is over,

121 00:05:49.800 --> 00:05:52.500 I'm continuing to work on this project.

122 00:05:52.500 --> 00:05:55.700 We are actually still working on collecting more data

123 00:05:55.700 --> 00:05:58.570 and putting together a manuscript of our findings,

124 00:05:58.570 --> 00:05:59.820 which is really exciting.

125 00:06:00.720 --> 00:06:03.720 And so a little bit about how this project pertains

126 00:06:03.720 --> 00:06:04.690 to comment you need help,

127 00:06:04.690 --> 00:06:08.440 I mean, it's extremely pertinent to this field for one,

128 00:06:08.440 --> 00:06:09.560 the Caribbean is a region

129 00:06:09.560 --> 00:06:12.240 that's especially prone to natural disasters,

130 00:06:12.240 --> 00:06:15.150 which will continue to get worse in severity

131 00:06:15.150 --> 00:06:16.890 due to climate change,

132 00:06:16.890 --> 00:06:18.470 and which is a huge public health threat.

133 00:06:18.470 --> 00:06:19.840 I'm not sure we all know.

134 00:06:19.840 --> 00:06:23.410 And second, in the past, a lot of emphasis has been put

135 00:06:23.410 --> 00:06:25.850 on addressing more immediate

136 00:06:25.850 --> 00:06:27.793 health consequences of disasters,

137 00:06:28.740 --> 00:06:32.300 such as like injuries that occur or trauma that occurs

138 00:06:32.300 --> 00:06:37.300 after disaster hits or maybe like diseases that come about

139 00:06:38.240 --> 00:06:41.750 from the immediate impact of like a disaster,

140 00:06:41.750 --> 00:06:43.830 but there are other health consequences

141 00:06:43.830 --> 00:06:45.920 that play out in the longer term

142 00:06:45.920 --> 00:06:49.290 such as complications from noncommunicable diseases

143 00:06:49.290 --> 00:06:51.890 and also mental health outcomes.

144 00:06:51.890 --> 00:06:54.940 And these long-term consequences are responsible

145 00:06:54.940 --> 00:06:58.450 for a significant percentage of disaster-related mortality.

146 00:06:58.450 --> 00:07:00.930 And so a strength of our project

147 00:07:00.930 --> 00:07:02.950 is that we are helping to fill the gaps

148 00:07:02.950 --> 00:07:05.580 in understanding of what the experiences

149 00:07:05.580 --> 00:07:08.490 of people living with noncommunicable diseases are

150 00:07:08.490 --> 00:07:10.163 during and following disasters.

151 00:07:11.330 --> 00:07:12.163 Thank you.

152 00:07:13.180 --> 00:07:14.543 <v ->Great. Thanks, Erika.</v>

153 00:07:17.210 --> 00:07:18.263 Next is Rebecca.

154 00:07:19.640 --> 00:07:20.700 <v ->Hello everyone.</v>

155 00:07:20.700 --> 00:07:21.950 Can you all hear me okay?

156 00:07:22.830 --> 00:07:24.426 Cool.

157 00:07:24.426 --> 00:07:28.300 Very cool work that everyone's doing.

158 00:07:28.300 --> 00:07:29.393 Very nice to meet everyone.

159 00:07:29.393 --> 00:07:31.540 I am a second-year MPH candidate

160 00:07:31.540 --> 00:07:33.380 at the Yale School of Public Health.

161 00:07:33.380 --> 00:07:34.730 I'm studying health policy

162 00:07:34.730 --> 00:07:37.710 with a concentration in climate change and health.

163 00:07:37.710 --> 00:07:41.330 This past summer, I worked with the NGO EarthMedic.

164 00:07:41.330 --> 00:07:43.730 I'm gonna give a bit of background about the NGO

165 00:07:43.730 --> 00:07:47.250 just 'cause it will make sense in context, I promise.

166 00:07:47.250 --> 00:07:49.670 So the NGO is very, very new.

167 00:07:49.670 --> 00:07:53.120 It was founded officially in April, 2020,

168 00:07:53.120 --> 00:07:54.500 which as you guys can imagine

169 00:07:54.500 --> 00:07:55.760 from a public health perspective,

170 00:07:55.760 --> 00:07:57.710 not a great time really to be starting anything,

171 00:07:57.710 --> 00:08:00.330 certainly not public health projects,

172 00:08:00.330 --> 00:08:03.410 but onward they go.

173 00:08:03.410 --> 00:08:06.870 So basically going into this internship,

174 00:08:06.870 --> 00:08:09.230 they didn't really have the capacity

175 00:08:09.230 --> 00:08:10.900 and still don't really have the capacity

176 00:08:10.900 --> 00:08:14.400 to do any of the work that they want to do.

177 00:08:14.400 --> 00:08:15.870 So it's sort of like,

178 00:08:15.870 --> 00:08:19.600 so I guess that's all to say my internship really focused

179 00:08:19.600 --> 00:08:24.600 on seeing what possible opportunities they had

180 00:08:24.970 --> 00:08:27.020 for participation in order for them

181 00:08:27.020 --> 00:08:32.020 to put their very limited resources to best use possible.

182 00:08:32.030 --> 00:08:35.940 So in particular, the director, the CEO,

183 00:08:35.940 --> 00:08:37.950 Dr. Hospitalist was really interested

184 00:08:37.950 --> 00:08:42.950 in looking at how climate NGOs like Earth-Medic like others

185 00:08:43.200 --> 00:08:45.788 could possibly get involved in UN initiatives

186 00:08:45.788 --> 00:08:50.123 as one possible way of influencing decisions

187 00:08:51.630 --> 00:08:54.000 and making sure that everything is more sustainable

188 00:08:54.000 --> 00:08:55.750 and more climate-oriented.

189 00:08:55.750 --> 00:08:58.460 So the final product that we ended up coming up with

190 00:08:58.460 --> 00:09:00.310 is this project presentation here

191 00:09:00.310 --> 00:09:04.540 that will be presented actually in a couple of weeks,

192 00:09:04.540 --> 00:09:05.373 that's a little terrifying,

193 00:09:05.373 --> 00:09:08.140 at Yale's Climate Change and Health

194 00:09:08.140 --> 00:09:10.940 in Small Island Developing States conference,

195 00:09:10.940 --> 00:09:12.960 and the presentation title is there,

196 00:09:12.960 --> 00:09:14.490 but I will just read it.

197 00:09:14.490 --> 00:09:15.770 Climate and Health Initiatives

198 00:09:15.770 --> 00:09:17.735 in Small Island Developing States

199 00:09:17.735 --> 00:09:20.330 Overview and Potential of NGO Participation

200 00:09:20.330 --> 00:09:21.980 in UN Processes.

201 00:09:21.980 --> 00:09:26.660 So essentially, I did a giant literature view all summer,

202 00:09:26.660 --> 00:09:28.200 but it's all very interesting to me

203 00:09:28.200 --> 00:09:30.850 'cause it very much relates to what I want to go into.

204 00:09:30.850 --> 00:09:32.300 I'm very much interested in going

205 00:09:32.300 --> 00:09:34.760 into environmental law and policy

206 00:09:34.760 --> 00:09:36.870 and really looking at the types

207 00:09:36.870 --> 00:09:39.570 of enforcement mechanisms that are possible.

208 00:09:39.570 --> 00:09:43.321 How can we really force all of these promises

209 00:09:43.321 --> 00:09:47.310 that these governments are making to actually go green?

210 00:09:47.310 --> 00:09:49.430 How can we actually make them follow through

211 00:09:49.430 --> 00:09:51.950 with these promises, 'cause they're great promises,

212 00:09:51.950 --> 00:09:54.000 but they're not really happening?

213 00:09:54.000 --> 00:09:56.133 So anyway, all this to say,

214 00:09:56.133 --> 00:09:58.440 I know my time's up, I'm sorry.

215 00:09:58.440 --> 00:09:59.647 It was a very interesting internship,

216 00:09:59.647 --> 00:10:01.390 and I was very glad that I was able

217 00:10:01.390 --> 00:10:05.530 to kind of mesh it with my future career goals.

218 00:10:05.530 --> 00:10:07.110 <v ->Great.</v>

219 00:10:07.110 --> 00:10:10.030 Yes, and good plug for the conference that's coming up.

220 00:10:10.030 --> 00:10:13.143 Hope folks can attend, if they are available.

221 00:10:17.080 --> 00:10:19.900 Great, so I'm just gonna go back to this

222 00:10:19.900 --> 00:10:22.670 and welcome all the participants back

223 00:10:22.670 --> 00:10:24.400 for some discussion questions.

224 00:10:24.400 --> 00:10:27.010 So one thing I'm interested in,

225 00:10:27.010 --> 00:10:29.620 I think almost everyone was virtual,

226 00:10:29.620 --> 00:10:33.320 but some were virtual in a place that they knew.

227 00:10:33.320 --> 00:10:37.260 You were virtual with an international organization,

228 00:10:37.260 --> 00:10:38.630 perhaps a place that you'd never been.

229 00:10:38.630 --> 00:10:40.880 So tell me a little bit

230 00:10:40.880 --> 00:10:44.800 about how did you learn about that place

231 00:10:44.800 --> 00:10:48.013 and about that particular context in order to do this work.

232 00:10:49.100 --> 00:10:50.310 Were there some strategies

233 00:10:50.310 --> 00:10:53.148 or particular maybe things that you learned along the way

234 00:10:53.148 --> 00:10:57.713 that were helpful to give context to your research?

235 00:11:00.420 --> 00:11:01.463 Anyone can jump in.

236 00:11:05.960 --> 00:11:07.400 <v ->Yeah.</v>

237 00:11:07.400 --> 00:11:11.400 So for me, I've never been to Columbia,

238 00:11:11.400 --> 00:11:14.283 and I did my internship virtually.

239 00:11:15.504 --> 00:11:19.110 And before starting the internship,

240 00:11:19.110 --> 00:11:21.750 I had to write a research proposal.

241 00:11:21.750 --> 00:11:26.750 So I looked up a lot of studies and papers

242 00:11:26.800 --> 00:11:30.217 that they conducted in Columbia,

243 00:11:32.279 --> 00:11:36.040 and then I think it really helped me a lot

244 00:11:36.040 --> 00:11:39.650 to understand the situations in Columbia,

245 00:11:39.650 --> 00:11:44.220 and also because I have no law background

246 00:11:44.220 --> 00:11:46.830 or any litigation background.

247 00:11:46.830 --> 00:11:51.830 And I did also research, a lot of legal documents,

248 00:11:52.640 --> 00:11:55.599 and then like the legal system in Columbia

249 00:11:55.599 --> 00:11:58.870 to give myself a context,

250 00:11:58.870 --> 00:12:02.660 like what Columbia legal system is like.

251 00:12:02.660 --> 00:12:05.400 Yeah, so it's mainly through reading.

252 00:12:05.400 --> 00:12:09.230 And then also like my preceptors from NGO

253 00:12:09.230 --> 00:12:12.300 also helped me a lot and answered a lot of my questions,

254 00:12:12.300 --> 00:12:16.030 and they also connected me with as many professors

255 00:12:16.030 --> 00:12:18.180 in universities in Columbia,

256 00:12:18.180 --> 00:12:20.448 and then they're also very helpful

257 00:12:20.448 --> 00:12:22.493 in answering all my questions, yeah.

258 00:12:23.440 --> 00:12:24.273 <v Laura>Okay.</v>

259 00:12:27.590 --> 00:12:31.023 <v ->Yeah, I can also kind of talk to this.</v>

260 00:12:31.880 --> 00:12:36.880 I found my internship, in general, really transformative

261 00:12:37.190 --> 00:12:42.030 in building my understanding of climate change and health

262 00:12:42.030 --> 00:12:43.890 in the Caribbean, and so like in the region

263 00:12:43.890 --> 00:12:45.493 that this project is based in.

264 00:12:46.630 --> 00:12:50.700 When I first applied for this internship last winter,

265 00:12:50.700 --> 00:12:52.620 I came into the position

266 00:12:52.620 --> 00:12:55.610 with like three kind of scattered interests,

267 00:12:55.610 --> 00:12:58.530 one in noncommunicable disease, two in climate change,

268 00:12:58.530 --> 00:13:02.970 and three, I had like a small existing interest

269 00:13:02.970 --> 00:13:05.020 in small island states

270 00:13:05.020 --> 00:13:09.780 because I was born and raised and educated up until college

271 00:13:09.780 --> 00:13:11.680 on an island myself, but I'm from the Pacific,

272 00:13:11.680 --> 00:13:13.060 not from the Caribbean.

273 00:13:13.060 --> 00:13:15.740 And so these projects seem really fitting.

274 00:13:15.740 --> 00:13:18.710 And now that I've been working on it for all this time,

275 00:13:18.710 --> 00:13:20.960 what's was something I guess I didn't really see coming

276 00:13:20.960 --> 00:13:23.230 and I have really learned along the way

277 00:13:23.230 --> 00:13:28.110 is that through our qualitative findings,

278 00:13:28.110 --> 00:13:30.840 there are some very interesting similarities to me, I think,

279 00:13:30.840 --> 00:13:33.650 between the health problems

280 00:13:33.650 --> 00:13:37.820 that people in small island states face

11

281 00:13:37.820 --> 00:13:39.851 due to climate change,

282 00:13:39.851 --> 00:13:42.600 and going forward, it's part of my intellectual agenda

283 00:13:42.600 --> 00:13:45.830 to kind of bridge how islands across the globe

284 00:13:47.510 --> 00:13:48.750 kind of have similarities,

285 00:13:48.750 --> 00:13:52.033 as different and diverse as they are in this problem

286 00:13:52.033 --> 00:13:53.530 that climate change poses

287 00:13:53.530 --> 00:13:55.080 and the health implications of that,

288 00:13:55.080 --> 00:13:57.930 and then creating solutions that maybe work for everyone.

289 00:14:00.271 --> 00:14:01.521 <v Laura>Okay.</v>

290 00:14:02.500 --> 00:14:05.070 <v ->I would say mine is sort of a mixture</v>

291 00:14:05.070 --> 00:14:07.904 of both Weixi and Erika's answers.

292 00:14:07.904 --> 00:14:11.570 EarthMedic is based in Trinidad as its main headquarters,

293 00:14:11.570 --> 00:14:12.640 but the entire project

294 00:14:12.640 --> 00:14:17.640 was just about very general UN, Caribbean, NGO processes.

295 00:14:18.100 --> 00:14:20.710 So a lot of it, very similar to Weixi,

296 00:14:20.710 --> 00:14:22.480 was very much just reading,

297 00:14:22.480 --> 00:14:25.700 asking lots of questions to my preceptor.

298 00:14:25.700 --> 00:14:28.660 My preceptor, Natasha, is just super wonderful.

299 00:14:28.660 --> 00:14:32.220 She's really well-educated and was definitely able

300 00:14:32.220 --> 00:14:34.410 to fill in the gaps knowledge that I didn't have.

301 00:14:34.410 --> 00:14:37.320 So I think that at least from a professional perspective,

302 00:14:37.320 --> 00:14:39.110 we definitely complemented each other well,

303 00:14:39.110 --> 00:14:42.130 'cause I come more from the public health perspective of it

304 00:14:42.130 --> 00:14:44.287 and was kind of almost thinking of things

305 00:14:44.287 --> 00:14:46.810 like a research paper almost.

306 00:14:46.810 --> 00:14:49.780 And she would say, "Oh, well, yes, yes, this and yes,

307 00:14:49.780 --> 00:14:51.340 like these things are very cool,

308 00:14:51.340 --> 00:14:53.430 but like from a legal perspective

309 00:14:53.430 --> 00:14:55.350 and like I have actually done the work

310 00:14:55.350 --> 00:14:56.240 and I've done these things,

311 00:14:56.240 --> 00:14:58.410 like you actually don't have unlimited time.

312 00:14:58.410 --> 00:15:01.020 For example, like you have to actually stick to the schedule

313 00:15:01.020 --> 00:15:03.440 and like kind of more refine the research

314 00:15:03.440 --> 00:15:05.500 in order to like get the finished product at the end

315 00:15:05.500 --> 00:15:08.010 that's actually feasible within that time period."

316 00:15:08.010 --> 00:15:12.830 So getting that experience was definitely how I learned

317 00:15:12.830 --> 00:15:15.590 about the area is kind of being able

318 00:15:15.590 --> 00:15:17.770 to go to someone to be like, hey, focus.

319 00:15:17.770 --> 00:15:19.790 Like you need to actually just look at this one thing.

320 00:15:19.790 --> 00:15:21.833 So that was really helpful.

321 00:15:21.833 --> 00:15:23.380 <v ->Hmm. Great.</v>

322 00:15:23.380 --> 00:15:26.110 I mean, it's interesting to see to it for all.

323 00:15:26.110 --> 00:15:28.360 I think particularly, then Weixi and Rebecca,

324 00:15:28.360 --> 00:15:31.790 you were taking your public health skillset,

325 00:15:31.790 --> 00:15:33.680 and then applying it to a really different context

326 00:15:33.680 --> 00:15:36.490 of this kind of policy or legal context.

327 00:15:36.490 --> 00:15:39.290 And Erika, maybe yours was a little bit more

328 00:15:39.290 --> 00:15:43.630 within sort of public health, but like very applied

329 00:15:43.630 --> 00:15:46.650 into what are we going to do with this knowledge.

330 00:15:46.650 --> 00:15:48.010 So I'm glad that you were able

331 00:15:48.010 --> 00:15:50.370 to have that experience in your internship.

332 00:15:50.370 --> 00:15:53.130 I'm curious also about the partners

333 00:15:53.130 --> 00:15:56.850 and stakeholders that were engaged in your project.

334 00:15:56.850 --> 00:16:01.430 What did that engagement look like, and what was the...

335 00:16:02.350 --> 00:16:04.240 Maybe tell us some of the benefits

336 00:16:04.240 --> 00:16:07.593 of stakeholder engagement in your projects,

337 00:16:10.820 --> 00:16:11.983 or limitations.

338 00:16:15.250 --> 00:16:20.250 <v ->Yeah, so the partners and stakeholders</v>

339 00:16:20.770 --> 00:16:25.430 engaged with the work was Dejusticia,

340 00:16:26.430 --> 00:16:29.647 the government and local communities

341 00:16:29.647 --> 00:16:32.233 and some private sectors.

342 00:16:34.590 --> 00:16:39.590 So because I'm in the environmental justice team,

343 00:16:40.850 --> 00:16:43.460 and then my preceptor is...

344 00:16:43.460 --> 00:16:44.610 I have two preceptors.

345 00:16:44.610 --> 00:16:47.540 One, she's a lawyer,

346 00:16:47.540 --> 00:16:51.629 and the other one, she's a political scientist.

347 00:16:51.629 --> 00:16:56.629 So they work mostly with other lawyers

348 00:16:57.330 --> 00:17:02.330 and also with people from the Colombian legal system,

349 00:17:03.970 --> 00:17:08.970 and I'm working more with like university professors

350 00:17:12.220 --> 00:17:14.825 in getting the data and getting

351 00:17:14.825 --> 00:17:19.770 like understanding their research

352 00:17:19.770 --> 00:17:23.760 and kind of like translating and collecting them

353 00:17:23.760 --> 00:17:28.200 and then translating into practice.

354 00:17:28.200 --> 00:17:31.100 Yeah, so yeah.

355 00:17:31.100 --> 00:17:35.000 So I didn't get to work too much with the government

356 00:17:35.000 --> 00:17:38.367 is also because I wasn't in the country at that time,

357 00:17:38.367 --> 00:17:43.367 and also not too much with the local communities.

358 00:17:43.470 --> 00:17:45.350 Me myself, I just, yeah,

359 00:17:45.350 --> 00:17:50.350 I connected mostly with the university professors, yeah.

360 00:17:56.110 --> 00:17:56.943 <v ->I can go next.</v>

361 00:17:56.943 --> 00:17:58.343 So for our project,

362 00:18:00.510 --> 00:18:05.230 well, I was tasked with basically analyzing the transcripts

363 00:18:05.230 --> 00:18:07.870 of a number of interviews

364 00:18:07.870 --> 00:18:11.480 conducted with various stakeholders in the Caribbean region.

365 00:18:11.480 --> 00:18:14.570 So these were all interviews held

366 00:18:14.570 --> 00:18:18.590 with public health stakeholders,

367 00:18:18.590 --> 00:18:20.360 disaster response stakeholders,

368 00:18:20.360 --> 00:18:24.750 people who worked for like ministries of health in Barbados

369 00:18:24.750 --> 00:18:27.090 and Saint Vincent and the Grenadines and places like that,

370 00:18:27.090 --> 00:18:29.670 and also people who are living

371 00:18:29.670 --> 00:18:31.750 with non-communicable diseases and kind of talking

372 00:18:31.750 --> 00:18:34.170 about their experiences during disasters,

373 00:18:34.170 --> 00:18:35.913 managing their health conditions.

374 00:18:37.660 --> 00:18:42.470 I think maybe like a limitation of my project

375 00:18:42.470 --> 00:18:44.490 was that I came onto the project

376 00:18:44.490 --> 00:18:45.980 after interviews were conducted.

377 00:18:45.980 --> 00:18:49.420 And so like, it was my job to just analyze the data.

378 00:18:49.420 --> 00:18:51.110 However, we're still collecting data,

379 00:18:51.110 --> 00:18:55.070 and I hope to maybe hold some interviews myself soon.

380 00:18:55.070 --> 00:18:59.050 So that's really exciting, but yeah.

381 00:18:59.050 --> 00:19:00.340 But I still think I benefited

382 00:19:00.340 --> 00:19:03.907 from just being able to analyze this data

383 00:19:03.907 --> 00:19:06.700 and like seeing the responses

384 00:19:06.700 --> 00:19:08.650 that the stakeholders are giving

385 00:19:08.650 --> 00:19:10.220 and sharing their experiences.

386 00:19:10.220 --> 00:19:13.970 Like I think there's a massive strength in just seeing it,

387 00:19:13.970 --> 00:19:15.080 even though it's just on paper

388 00:19:15.080 --> 00:19:16.993 and not holding the interview myself.

389 00:19:21.150 --> 00:19:23.740 <v ->So because my internship was so unique</v>

390 00:19:23.740 --> 00:19:28.330 in that it still doesn't really have a set structure,

391 00:19:28.330 --> 00:19:31.470 the task that I originally had started with,

392 00:19:31.470 --> 00:19:34.920 and this is relevant because I was also hired

393 00:19:34.920 --> 00:19:37.620 as an associate with the NGO, which I'm very excited about,

394 00:19:37.620 --> 00:19:41.930 but so that meant that my internship project

395 00:19:41.930 --> 00:19:43.600 kind of changed halfway through the semester,

396 00:19:43.600 --> 00:19:44.730 which was totally okay.

397 00:19:44.730 --> 00:19:47.230 But the original task that I was given

398 00:19:47.230 --> 00:19:51.640 was to basically create a taxonomy

399 00:19:51.640 --> 00:19:54.680 and like list of all of the rules

400 00:19:54.680 --> 00:19:59.680 and rules of procedure in different NGOs,

401 00:19:59.690 --> 00:20:01.730 or no, sorry for NGOs

402 00:20:01.730 --> 00:20:05.977 for how they could participate in different UN processes.

403 00:20:05.977 --> 00:20:08.800 And that can be the big ones,

404 00:20:08.800 --> 00:20:12.060 like mWHO or even like some

405 00:20:12.060 --> 00:20:13.930 of the smaller subsidiary organs.

406 00:20:13.930 --> 00:20:18.780 But basically, this document does not exist.

407 00:20:18.780 --> 00:20:22.000 Like there's no such thing as a big list

408 00:20:22.000 --> 00:20:25.010 of like all of the ways that the NGOs,

409 00:20:25.010 --> 00:20:27.130 especially like climate NGOs

410 00:20:27.130 --> 00:20:29.440 could get involved in UN processes.

411 00:20:29.440 --> 00:20:32.800 So my particular internship

412 00:20:32.800 --> 00:20:36.940 didn't have stakeholder involvement because it couldn't.

413 00:20:36.940 --> 00:20:38.810 It was really just literature review

414 00:20:38.810 --> 00:20:41.910 and reading a lot of legal documents

415 00:20:41.910 --> 00:20:44.870 and putting a lot of lists together

416 00:20:44.870 --> 00:20:48.510 and making sure that all of the words

417 00:20:48.510 --> 00:20:53.020 and facts that I was pulling are correct,

418 00:20:53.020 --> 00:20:54.410 'cause that's all very important,

419 00:20:54.410 --> 00:20:55.980 because I wouldn't want to put something

420 00:20:55.980 --> 00:20:57.890 in this big document would be like, actually, no.

421 00:20:57.890 --> 00:21:00.580 You actually can't go vote in these meetings.

422 00:21:00.580 --> 00:21:01.920 Like that's actually not okay.

423 00:21:01.920 --> 00:21:06.330 Like you need to be able to actually make those differences

424 00:21:06.330 --> 00:21:07.480 'cause there's a nuance to that.

425 00:21:07.480 --> 00:21:08.850 So it was interesting,

426 00:21:08.850 --> 00:21:11.450 but did not really have any stakeholder involvement.

427 00:21:12.770 --> 00:21:14.060 <v ->Great.</v>

428 00:21:14.060 --> 00:21:19.060 With just a minute and a half to go in the session,

429 00:21:19.500 --> 00:21:21.070 just any last reflections,

430 00:21:21.070 --> 00:21:23.070 especially on this comparative perspective.

431 00:21:23.070 --> 00:21:25.583 You're now kind of centered back in the US.

432 00:21:26.590 --> 00:21:28.980 Do you see differences in how climate change

433 00:21:28.980 --> 00:21:31.090 and climate change in health are treated

434 00:21:32.520 --> 00:21:35.970 in the country where you were virtually working

435 00:21:35.970 --> 00:21:37.063 compared to here?

436 00:21:40.030 --> 00:21:42.470 <v ->It's definitely a more imminent threat</v>

437 00:21:42.470 --> 00:21:43.677 in Trinidad and Tobago,

438 00:21:43.677 --> 00:21:45.240 and we think that those island countries

439 00:21:45.240 --> 00:21:47.240 that definitely are experiencing

440 00:21:47.240 --> 00:21:49.060 the more immediate effects of climate change,

441 00:21:49.060 --> 00:21:52.370 sea level rise, extreme heat, all of those things,

442 00:21:52.370 --> 00:21:54.030 definitely more of an immediate threat

443 00:21:54.030 --> 00:21:58.240 and definitely puts in perspective how privileged we are

444 00:21:58.240 --> 00:22:00.590 to not necessarily be living in an area

445 00:22:00.590 --> 00:22:05.590 that is that imminently close to really bad harm.

446 00:22:16.107 --> 00:22:17.203 <v ->Weixi.</v> <v ->Oh.</v>

447 00:22:18.170 --> 00:22:22.670 Oh, I was going to say, for me, it was, for example,

448 00:22:22.670 --> 00:22:27.670 in Columbia, like the coach can make a decision,

449 00:22:29.270 --> 00:22:32.190 but then the effectiveness of the decision

450 00:22:32.190 --> 00:22:33.710 remains the problem.

451 00:22:33.710 --> 00:22:38.640 It really it's limited by administrative difficulties

452 00:22:38.640 --> 00:22:42.380 of the respondent authorities

453 00:22:42.380 --> 00:22:46.530 and also lack of governance in some regions,

454 00:22:46.530 --> 00:22:50.860 and also there is some continuing armed conflict

455 00:22:50.860 --> 00:22:55.860 or just like some like crime,

456 00:22:55.970 --> 00:22:58.920 high rates of crime in certain regions,

457 00:22:58.920 --> 00:23:01.150 and also illegal money activities

458 00:23:01.150 --> 00:23:04.720 and also some wastewater treatment,

459 00:23:04.720 --> 00:23:08.260 all kinds of different problems

460 00:23:08.260 --> 00:23:10.900 is kind of limiting the effectiveness

461 00:23:10.900 --> 00:23:14.080 of the decision that the court makes.

462 00:23:14.080 --> 00:23:15.260 So yeah.

463 00:23:15.260 --> 00:23:20.260 So I think it's quite complicated and difficult in Columbia.

464 00:23:21.910 --> 00:23:24.033 <v ->Thanks. Erika.</v>

465 00:23:26.010 --> 00:23:28.710 <v ->Yeah, I would really just second everything</v> that Rebecca said.

466 00:23:28.710 --> 00:23:29.650 that Rebecca said.

467 00:23:29.650 --> 00:23:32.270 I mean, we did our internships in similar regions.

468 00:23:32.270 --> 00:23:36.180 So I'm really just seconding everything that she said,

469 00:23:36.180 --> 00:23:41.180 and yeah, the area that I did my internship in

470 00:23:42.670 --> 00:23:43.730 is so much more prone

471 00:23:43.730 --> 00:23:47.970 to really like immediate severe threats of climate change,

472 00:23:47.970 --> 00:23:51.730 and I think there's just, because of that,

473 00:23:51.730 --> 00:23:55.670 there's a bit of frustration in terms of policy action

474 00:23:55.670 --> 00:23:57.510 or just any kind of action

475 00:23:57.510 --> 00:24:01.393 in order to either mitigate or adapt to these effects,

476 00:24:02.650 --> 00:24:06.150 and I don't have like a solution or anything to present.

477 00:24:06.150 --> 00:24:09.440 It's just something that we should really be,

478 00:24:09.440 --> 00:24:11.270 there needs to be a really concerted effort,

479 00:24:11.270 --> 00:24:13.880 I think, globally, to tackle this issue.

480 00:24:13.880 --> 00:24:16.693 But I'm sure I'm just preaching to the choir by saying that.

481 00:24:18.350 --> 00:24:20.900 <v ->It's always good to have the reminder.</v>

482 00:24:20.900 --> 00:24:21.733 Great.

483 00:24:21.733 --> 00:24:24.440 Thank you so much, Rebecca, Erika, Weixi.

484 00:24:24.440 --> 00:24:25.960 Great job.

485 00:24:25.960 --> 00:24:30.960 We're gonna shift over now to our next panel

486 00:24:32.030 --> 00:24:35.720 on communicating climate and health issues.

487 00:24:35.720 --> 00:24:39.070 We have Caroline Erickson, Natalie Henning,

488 00:24:39.070 --> 00:24:43.563 Nora Massie, Ian Reilly, and Adriana Ballenger.

489 00:24:48.240 --> 00:24:49.073 <v ->Caroline</v> <v ->Hi everyone.</v>

490 00:24:49.073 --> 00:24:49.906 Yeah. Hi.

491 00:24:49.906 --> 00:24:51.021 I'm really excited

492 00:24:51.021 --> 00:24:53.820 to be kicking off this section of the talk.

493 00:24:53.820 --> 00:24:54.900 So I'm Caroline.

494 00:24:54.900 --> 00:24:56.880 I'm a senior in Yale College,

495 00:24:56.880 --> 00:24:58.590 majoring in environmental studies,

496 00:24:58.590 --> 00:25:01.170 concentrating in human health and the environment,

497 00:25:01.170 --> 00:25:06.170 and I'm also in the five-year BA BS MPH program.

498 00:25:06.610 --> 00:25:09.270 So I was really fortunate this summer

499 00:25:09.270 --> 00:25:13.430 that I joined my project right at its beginning,

500 00:25:13.430 --> 00:25:15.400 and this was kind of an idea

501 00:25:15.400 --> 00:25:18.860 that the health department decided to address

502 00:25:18.860 --> 00:25:23.153 just because they found essentially a gap in the knowledge

503 00:25:23.153 --> 00:25:25.900 of what they were finding, what they were reading,

504 00:25:25.900 --> 00:25:28.770 the research that was coming out, and what residents

505 00:25:28.770 --> 00:25:31.443 of like shoreline communities were believing.

506 00:25:32.410 --> 00:25:33.970 So despite all the great research,

507 00:25:33.970 --> 00:25:36.050 people are still in Connecticut,

508 00:25:36.050 --> 00:25:37.720 especially along the shoreline,

509 00:25:37.720 --> 00:25:40.920 a little hesitant to believe the science.

510 00:25:40.920 --> 00:25:43.790 So we wanted to develop a project

511 00:25:43.790 --> 00:25:48.730 that addressed this in a way that was a little less scary

512 00:25:48.730 --> 00:25:52.630 than just jumping head first into a bunch of literature.

513 00:25:52.630 --> 00:25:54.730 So the main goal of this project

514 00:25:54.730 --> 00:25:59.480 was to interview people in the community,

515 00:25:59.480 --> 00:26:02.070 get their human stories with climate change,

516 00:26:02.070 --> 00:26:05.440 and then disseminate that into the wider public

517 00:26:05.440 --> 00:26:06.720 to kind of show people

518 00:26:06.720 --> 00:26:09.550 that this is not necessarily something

519 00:26:09.550 --> 00:26:12.400 that is super out of touch, but it is right now

520 00:26:12.400 --> 00:26:16.740 and it is affecting our community presently, but yeah.

521 00:26:16.740 --> 00:26:18.510 So we spent a lot of time interviewing

522 00:26:18.510 --> 00:26:20.050 towards the end of the project

523 00:26:20.050 --> 00:26:21.610 or towards the end of the summer.

524 00:26:21.610 --> 00:26:25.130 We started having communication or talks with BCTV,

525 00:26:25.130 --> 00:26:28.150 which is our local like television station

526 00:26:28.150 --> 00:26:31.170 to hopefully get this information out there

527 00:26:31.170 --> 00:26:35.180 a little bit more, and this project is still going on.

528 00:26:35.180 --> 00:26:36.700 So we're still running interviews

529 00:26:36.700 --> 00:26:39.070 and kind of collecting data in that sense

530 00:26:39.070 --> 00:26:40.500 and working to disseminate it.

531 00:26:40.500 --> 00:26:42.727 But yeah, this is a super exciting project

532 00:26:42.727 --> 00:26:44.795 and I had a great time this summer.

533 00:26:44.795 --> 00:26:45.878 So thank you.

534 00:26:47.190 --> 00:26:50.763 <v ->Thanks, Caroline. Natalie.</v>

535 00:26:51.780 --> 00:26:53.950 <v ->Awesome. Hi, thank you, Laura.</v>

536 00:26:53.950 --> 00:26:55.860 And again, thank you to the center

537 00:26:55.860 --> 00:26:57.110 for putting this together.

538 00:26:57.110 --> 00:26:57.943 It's so great to hear

539 00:26:57.943 --> 00:27:00.130 what everyone else was working on the summer.

540 00:27:01.370 --> 00:27:02.800 But high out, so I'm Natalie,

541 00:27:02.800 --> 00:27:05.840 I'm a second year in the MPH program

542 00:27:05.840 --> 00:27:08.780 in the Department of Chronic Disease Epidemiology

543 00:27:08.780 --> 00:27:11.440 and concentrating in data modeling.

544 00:27:11.440 --> 00:27:13.900 I interned with Montana Health Professionals

545 00:27:13.900 --> 00:27:16.030 for a Healthy Climate this summer.

546 00:27:16.030 --> 00:27:19.192 They're a very small non-profit organization,

547 00:27:19.192 --> 00:27:22.860 and their team is led by doctors, Laurie and Rob Brian,

548 00:27:22.860 --> 00:27:25.280 who unfortunately, I don't think are here,

549 00:27:25.280 --> 00:27:27.990 but they're completely phenomenal and inspiring

550 00:27:27.990 --> 00:27:32.580 and are doing so so much to move the needle in their state,

551 00:27:32.580 --> 00:27:34.610 and I could go on and on about them.

552 00:27:34.610 --> 00:27:37.600 But their organization's mission and their goal

553 00:27:37.600 --> 00:27:40.810 is really to use the voice of health professionals

554 00:27:40.810 --> 00:27:43.880 in the state to push for climate action.

555 00:27:43.880 --> 00:27:47.060 So it was really interesting to see how they're doing that

556 00:27:47.060 --> 00:27:50.570 in a more conservative environment or climate change

557 00:27:50.570 --> 00:27:54.830 can still be a very challenging conversation to have.

558 00:27:54.830 --> 00:27:58.290 So I was helping them in a variety of capacities,

559 00:27:58.290 --> 00:28:00.010 but I guess the largest projects

560 00:28:00.010 --> 00:28:02.500 that I did for them was a video project.

561 00:28:02.500 --> 00:28:06.130 So I also conducted interviews similar to Caroline

562 00:28:07.330 --> 00:28:09.890 with health professionals, students,

563 00:28:09.890 --> 00:28:13.420 and members of other Montana climate organizations

564 00:28:13.420 --> 00:28:17.470 on different climate topics such as climate communication,

565 00:28:17.470 --> 00:28:19.830 climate action during COVID,

566 00:28:19.830 --> 00:28:22.173 how to get involved in the climate movement,

567 00:28:23.050 --> 00:28:23.990 a number of topics,

568 00:28:23.990 --> 00:28:27.785 and edited and produced six videos and trailers.

569 00:28:27.785 --> 00:28:29.780 So I was really excited about that

570 00:28:29.780 --> 00:28:31.807 because I guess in my experience,

571 00:28:31.807 --> 00:28:34.480 and some people might be able to relate to this,

572 00:28:34.480 --> 00:28:36.180 I think working in the climate space

573 00:28:36.180 --> 00:28:39.490 can sometimes feel very slow and frustrating.

574 00:28:39.490 --> 00:28:42.590 And so hopefully by producing these videos,

575 00:28:42.590 --> 00:28:46.480 I was able to provide a way for Montana Health Professionals

576 00:28:46.480 --> 00:28:51.010 to easily communicate important information about climate

577 00:28:51.010 --> 00:28:53.010 that's coming from members of the community

578 00:28:53.010 --> 00:28:57.990 who are highly respected and well-versed in this area.

579 00:28:57.990 --> 00:29:01.430 So that was a really exciting project to work on,

580 00:29:01.430 --> 00:29:03.783 and I'll stop there and pass it along.

581 00:29:05.230 --> 00:29:06.063 <v ->Thanks, Natalie.</v>

582 00:29:06.063 --> 00:29:07.470 And I think at least one of the videos

583 00:29:07.470 --> 00:29:09.270 is already up on the website.

584 00:29:09.270 --> 00:29:12.210 So if you want, feel free to drop the link in the chat

585 00:29:12.210 --> 00:29:14.580 for folks to take a look at.

586 00:29:14.580 --> 00:29:15.413 <v ->Yeah, sure.</v>

587 00:29:17.460 --> 00:29:18.363 <v ->And Nora.</v>

588 00:29:20.000 --> 00:29:20.833 <v ->Yeah. Hi.</v>

589 00:29:20.833 --> 00:29:21.863 Can everyone hear me?

590 00:29:23.060 --> 00:29:23.893 Great. Okay.

591 00:29:23.893 --> 00:29:25.640 My computer is having sound problems.

592 00:29:25.640 --> 00:29:28.370 But hi, I'm Nora.

593 00:29:28.370 --> 00:29:29.850 I use she, her pronouns.

594 00:29:29.850 --> 00:29:32.320 I am in Yale College.

595 00:29:32.320 --> 00:29:34.260 I'm a senior double majoring

596 00:29:34.260 --> 00:29:36.930 in English and environmental studies.

597 00:29:36.930 --> 00:29:41.250 And I had a really wonderful opportunity this summer

598 00:29:41.250 --> 00:29:44.930 to work with really like two organizations at the same time.

599 00:29:44.930 --> 00:29:47.530 So I was working with Save the Sound,

600 00:29:47.530 --> 00:29:52.530 which does a lot of like regional action on climate.

601 00:29:53.210 --> 00:29:54.660 They take multiple angles.

602 00:29:54.660 --> 00:29:57.030 They have sort of like an environmental law angle,

603 00:29:57.030 --> 00:30:00.760 a kind of environmental justice community organizing angle,

604 00:30:00.760 --> 00:30:03.510 and then they also do like more scientific research

605 00:30:03.510 --> 00:30:07.050 around the Long Island sound

606 00:30:07.050 --> 00:30:10.290 and water quality and land quality.

607 00:30:10.290 --> 00:30:13.420 But I also got to work with Health Equity Solutions,

608 00:30:13.420 --> 00:30:16.270 which is a Connecticut nonprofit

609 00:30:16.270 --> 00:30:20.520 seeking to close health gaps in Connecticut.

610 00:30:20.520 --> 00:30:23.110 So Connecticut has among the largest health gaps

611 00:30:23.110 --> 00:30:25.920 in the United States, health disparities.

612 00:30:25.920 --> 00:30:28.530 And so my main project was really working

613 00:30:28.530 --> 00:30:29.570 with these two organizations

614 00:30:29.570 --> 00:30:32.020 as well as I got amazing and incredible feedback

615 00:30:32.020 --> 00:30:35.290 and help from the Yale Center on Climate Change and Health

616 00:30:35.290 --> 00:30:38.990 on developing a climate and health module

617 00:30:38.990 --> 00:30:41.930 that I've shown a few slides from here.

618 00:30:41.930 --> 00:30:46.920 So basically, Health Equity Solutions has a curriculum

619 00:30:46.920 --> 00:30:51.850 that they can adapt to any particular sort of business

620 00:30:51.850 --> 00:30:54.820 or community organization that might want it

621 00:30:54.820 --> 00:30:58.840 that gives basics on like what health equity is

622 00:30:58.840 --> 00:31:00.800 and how it relates to their lives,

623 00:31:00.800 --> 00:31:04.800 and they wanted to have a sort of climate justice module.

624 00:31:04.800 --> 00:31:09.330 And so I spent the summer developing that with them,

625 00:31:09.330 --> 00:31:14.170 and I also helped Save the Sound's climate advocacy team

626 00:31:14.170 --> 00:31:16.530 on projects like when I first joined,

627 00:31:16.530 --> 00:31:19.580 the last couple of weeks, I joined in late May and June

628 00:31:19.580 --> 00:31:20.450 were the last few weeks

629 00:31:20.450 --> 00:31:23.370 of the Connecticut legislative session.

630 00:31:23.370 --> 00:31:24.960 And so I really dived

631 00:31:24.960 --> 00:31:28.700 into a lot of bill tracking and advocacy,

632 00:31:28.700 --> 00:31:29.830 right at the end of the session

633 00:31:29.830 --> 00:31:32.880 when there was a big push to get things done

634 00:31:32.880 --> 00:31:34.950 before everyone went on a break.

635 00:31:34.950 --> 00:31:37.110 And then throughout the rest of the summer,

636 00:31:37.110 --> 00:31:41.110 I was working on more like local initiatives in Connecticut,

637 00:31:41.110 --> 00:31:42.780 such as helping cities in Connecticut

638 00:31:42.780 --> 00:31:47.780 declare climate emergencies and stuff like that.

639 00:31:47.910 --> 00:31:49.020 And so I, yeah.

640 00:31:49.020 --> 00:31:50.760 It was really a wonderful experience

641 00:31:50.760 --> 00:31:54.820 being able to work kind of at the intersection of this issue

642 00:31:54.820 --> 00:31:56.700 with so many different organizations

643 00:31:56.700 --> 00:31:59.363 and so many different wonderful people.

644 00:32:00.820 --> 00:32:01.913 <v ->Great. Thanks Nora.</v>

645 00:32:04.198 --> 00:32:05.031 Ian.

646 00:32:07.722 --> 00:32:09.030 <v ->Hey everybody.</v>

647 00:32:09.030 --> 00:32:10.920 So yeah, my name is Ian.

648 00:32:10.920 --> 00:32:12.800 I worked this summer, sorry.

649 00:32:12.800 --> 00:32:14.780 I am at the Yale School of Public Health.

650 00:32:14.780 --> 00:32:16.960 I'm a second year in the public health

651 00:32:16.960 --> 00:32:18.450 in the health policy department.

652 00:32:18.450 --> 00:32:21.420 I concentrate in climate change and health.

653 00:32:21.420 --> 00:32:23.270 I spent the summer working

654 00:32:23.270 --> 00:32:25.160 with the Connecticut governor's council

655 00:32:25.160 --> 00:32:28.130 on climate change or GC3.

656 00:32:28.130 --> 00:32:29.420 And I was with the equity

657 00:32:29.420 --> 00:32:31.770 and environmental justice working group.

658 00:32:31.770 --> 00:32:35.070 I was their Connecticut climate justice intern.

659 00:32:35.070 --> 00:32:38.070 So throughout the summer, I did several projects,

660 00:32:38.070 --> 00:32:38.970 small and large projects

661 00:32:38.970 --> 00:32:40.620 that are related to building climate justice,

662 00:32:40.620 --> 00:32:42.880 either in Connecticut

663 00:32:42.880 --> 00:32:45.570 and actually one project in Mississippi

664 00:32:45.570 --> 00:32:48.180 that was for a civic engagement engagement group

665 00:32:48.180 --> 00:32:51.410 built around democratizing the energy sector in Mississippi,

666 00:32:51.410 --> 00:32:52.860 which was pretty interesting.

667 00:32:53.900 --> 00:32:57.360 But the main point of my project was basically finding a way

668 00:32:57.360 --> 00:33:01.200 to help build climate change resiliency

669 00:33:01.200 --> 00:33:03.290 at a community level,

670 00:33:03.290 --> 00:33:06.820 and by doing so, giving more power to community members

671 00:33:06.820 --> 00:33:08.080 and community leaders

672 00:33:08.080 --> 00:33:11.070 in the climate change building process.

673 00:33:11.070 --> 00:33:11.903 And the point of that

674 00:33:11.903 --> 00:33:14.237 is to help promote building climate justice

675 00:33:14.237 --> 00:33:19.130 and understanding that climate change will affect, you know,

676 00:33:19.130 --> 00:33:20.693 does now and will affect,

677 00:33:21.680 --> 00:33:25.193 especially marginalized populations more severely.

678 00:33:27.323 --> 00:33:29.720 And so the point of the project was to find ways

679 00:33:29.720 --> 00:33:30.553 to kind of address this.

680 00:33:30.553 --> 00:33:31.860 And one of the ways we found

681 00:33:31.860 --> 00:33:36.763 is that when we give power at the community level,

682 00:33:37.690 --> 00:33:38.870 instead of like from,

683 00:33:38.870 --> 00:33:40.660 like instead of like the top-down approach,

684 00:33:40.660 --> 00:33:43.510 kind of working from like the grassroots bottom up approach,

685 00:33:43.510 --> 00:33:45.640 a lot of communities, they already like understand

686 00:33:45.640 --> 00:33:46.810 a lot of the issues they're dealing with,

687 00:33:46.810 --> 00:33:48.680 and sometimes they just need some of the tools

688 00:33:48.680 --> 00:33:49.980 to address those.

689 00:33:49.980 --> 00:33:53.040 So what we did was we made the main project

690 00:33:53.040 --> 00:33:54.840 was what I have listed here on the left.

691 00:33:54.840 --> 00:33:55.880 This is my cover page.

692 00:33:55.880 --> 00:33:57.650 This is my photo.

693 00:33:57.650 --> 00:33:58.770 So this is something I'm proud of.

694 00:33:58.770 --> 00:34:01.870 This is actually from when Hurricane Henri

695 00:34:01.870 --> 00:34:03.770 almost hit New Haven.

696 00:34:03.770 --> 00:34:06.050 But this is so the Connecticut Community-Level

697 00:34:06.050 --> 00:34:07.660 Climate Change Resiliency Assessment

698 00:34:07.660 --> 00:34:09.330 and Prioritization Plan.

699 00:34:09.330 --> 00:34:10.530 So the way we saw it,

700 00:34:10.530 --> 00:34:13.750 there was already several climate change resiliency

701 00:34:13.750 --> 00:34:17.040 guidelines and guidances that you can find or that exists.

702 00:34:17.040 --> 00:34:19.650 So what we went for instead was a way

703 00:34:19.650 --> 00:34:20.990 that communities can assess

704 00:34:20.990 --> 00:34:22.720 their own vulnerability to climate change.

705 00:34:22.720 --> 00:34:25.040 So the climate change resiliency assessment portion

706 00:34:25.040 --> 00:34:27.630 is mostly a vulnerability assessment

707 00:34:27.630 --> 00:34:28.740 that allows communities

708 00:34:28.740 --> 00:34:31.650 to look at their critical infrastructure,

709 00:34:31.650 --> 00:34:33.010 their vulnerable infrastructure,

710 00:34:33.010 --> 00:34:35.623 things like daycare schools, hospitals,

711 00:34:37.110 --> 00:34:39.960 their vulnerable populations,

712 00:34:39.960 --> 00:34:43.680 and also their environmentally-exposed populations.

713 00:34:43.680 --> 00:34:45.010 So these would be exposed populations

714 00:34:45.010 --> 00:34:47.703 that might not be necessarily vulnerable populations,

715 00:34:48.630 --> 00:34:53.130 but they maybe are located closer to like the seaside,

716 00:34:53.130 --> 00:34:55.126 and so they're vulnerable for different reasons.

717 00:34:55.126 --> 00:34:57.420 So basically, it allows communities individually

718 00:34:57.420 --> 00:35:00.130 to look at their specific vulnerabilities of climate change

719 00:35:00.130 --> 00:35:01.820 and then gives them a list of steps

720 00:35:01.820 --> 00:35:04.030 on how they can engage with their community members

721 00:35:04.030 --> 00:35:05.590 and how the city plan companies can engage

722 00:35:05.590 --> 00:35:07.320 with those community members,

723 00:35:07.320 --> 00:35:09.160 identify leaders in the community,

724 00:35:09.160 --> 00:35:12.350 and kind of build this trust and network of knowledge

725 00:35:12.350 --> 00:35:13.350 within the community

726 00:35:14.380 --> 00:35:17.150 to come up with the second part of this,

727 00:35:17.150 --> 00:35:18.890 which is the prioritization plan.

728 00:35:18.890 --> 00:35:21.460 So to come up with a list of ideas

729 00:35:21.460 --> 00:35:23.430 that they think would be useful

730 00:35:23.430 --> 00:35:25.810 in addressing climate change, and that should be prioritized

731 00:35:25.810 --> 00:35:27.540 based off of their community knowledge

732 00:35:27.540 --> 00:35:29.530 and the knowledge of climate change

733 00:35:29.530 --> 00:35:31.700 that we kind of gave guidelines

734 00:35:31.700 --> 00:35:33.543 on how to build in the community.

735 00:35:34.400 --> 00:35:35.233 <v ->Great.</v>

736 00:35:35.233 --> 00:35:36.460 <v ->And so the final result would be...</v>

737 00:35:37.930 --> 00:35:38.763 <v ->Finish your sentence.</v>

738 00:35:38.763 --> 00:35:39.596 Go ahead.

739 00:35:39.596 --> 00:35:40.429 <v ->Oops, and then the final result</v>

740 00:35:40.429 --> 00:35:41.810 would just be a list of priorities

741 00:35:41.810 --> 00:35:44.470 that we put forward to the planning committee.

742 00:35:44.470 --> 00:35:45.563 <v ->Great. Thanks, Ian.</v>

743 00:35:48.300 --> 00:35:49.133 Adriana.

744 00:35:53.210 --> 00:35:54.670 <v ->Hi, my name's Adriana,</v>

745 00:35:54.670 --> 00:35:59.670 and I'm a Yale College sophomore.

746 00:36:00.010 --> 00:36:00.843 Should be a junior,

747 00:36:00.843 --> 00:36:02.920 but I took a year off during the pandemic.

748 00:36:04.740 --> 00:36:07.700 I will be an environmental studies major

749 00:36:07.700 --> 00:36:12.200 and this year,

750 00:36:12.200 --> 00:36:14.460 I'm also a Yale Center

751 00:36:14.460 --> 00:36:16.883 on Climate Change and Health student associate.

752 00:36:18.900 --> 00:36:22.370 So my project title was municipal tools for extreme heat,

753 00:36:22.370 --> 00:36:26.900 and the two organizations that I was interning for

754 00:36:26.900 --> 00:36:29.080 were the Yale Center on Climate Change and Health,

755 00:36:29.080 --> 00:36:32.070 and also UConn's Connecticut Institute

756 00:36:32.070 --> 00:36:35.623 for Resilience and Climate Adaptation.

757 00:36:36.470 --> 00:36:38.330 So I was working with Dr. Bozzi

758 00:36:38.330 --> 00:36:42.970 and also Dr. Wozniak Brown from CIRCA,

759 00:36:42.970 --> 00:36:45.460 and they were both fantastic preceptors.

760 00:36:45.460 --> 00:36:46.530 I want to start with that.

761 00:36:46.530 --> 00:36:47.950 So I was very glad to have the opportunity

762 00:36:47.950 --> 00:36:52.737 to work with them and their team and just to learn

763 00:37:00.386 --> 00:37:05.163 from their projects and past experiences.

764 00:37:06.530 --> 00:37:07.970 So I think it's very important

765 00:37:07.970 --> 00:37:10.870 to start with the fact that in the US,

766 00:37:10.870 --> 00:37:13.830 extreme heat kills more people per year

767 00:37:13.830 --> 00:37:16.143 than any other weather-related event.

768 00:37:18.180 --> 00:37:20.490 And many Connecticut municipalities

769 00:37:20.490 --> 00:37:22.763 are not adapted to extreme heat.

770 00:37:24.190 --> 00:37:26.800 So there are many vulnerable populations at risk

771 00:37:26.800 --> 00:37:30.520 during these extreme heat events

772 00:37:30.520 --> 00:37:34.213 for heat-related illnesses and other adverse impacts.

773 00:37:35.717 --> 00:37:37.140 So our project's goal

774 00:37:38.150 --> 00:37:43.150 was to determine the climate adaptation needs

775 00:37:44.030 --> 00:37:47.540 of Connecticut municipalities related to extreme heat,

776 00:37:47.540 --> 00:37:52.320 and also to provide municipal leaders with tools

777 00:37:52.320 --> 00:37:55.333 that address extreme heat vulnerability at the local level.

778 00:37:56.540 --> 00:38:01.530 So my main project was to develop an extreme heat toolkit

779 00:38:01.530 --> 00:38:05.083 for Connecticut's municipal decision makers,

780 00:38:05.970 --> 00:38:07.670 mainly local public health

781 00:38:07.670 --> 00:38:10.150 and emergency management officials.

782 00:38:10.150 --> 00:38:10.983 So I did this

783 00:38:10.983 --> 00:38:15.580 by researching existing extreme heat response plans

784 00:38:15.580 --> 00:38:17.230 from other states,

785 00:38:17.230 --> 00:38:21.840 recommending short and long-term policy and planning actions

786 00:38:21.840 --> 00:38:25.183 and adapting the most relevant heat response resources.

787 00:38:26.020 --> 00:38:30.280 And I also acted as a research assistant

788 00:38:30.280 --> 00:38:33.670 for qualitative interviews we conducted

789 00:38:33.670 --> 00:38:35.980 with Connecticut municipal leaders,

790 00:38:35.980 --> 00:38:39.163 such as the emergency management directors I mentioned.

791 00:38:40.410 --> 00:38:44.920 So we were just learning about the existing strategies

792 00:38:44.920 --> 00:38:46.993 for responding to the extreme heat.

793 00:38:49.264 --> 00:38:51.390 And the project is still ongoing.

794 00:38:51.390 --> 00:38:55.650 Dr. Bozzi and Wozniak Brown are still conducting interviews

795 00:38:55.650 --> 00:38:57.913 and the toolkit is still in development.

796 00:38:59.214 --> 00:39:02.250 But I just want to say that through this process,

797 00:39:02.250 --> 00:39:03.570 I became much more familiar

798 00:39:03.570 --> 00:39:08.200 with Connecticut's municipalities, towns,

799 00:39:08.200 --> 00:39:11.400 and generally government structures,

800 00:39:11.400 --> 00:39:15.910 and also gained knowledge

801 00:39:15.910 --> 00:39:19.290 about qualitative research design and methods,

802 00:39:19.290 --> 00:39:20.490 climate health, of course,

803 00:39:20.490 --> 00:39:25.130 and the relationship between urban planning

804 00:39:25.130 --> 00:39:27.580 and public health and also environmental justice.

805 00:39:28.830 --> 00:39:29.663 <v ->Great.</v>

806 00:39:29.663 --> 00:39:30.793 Thanks, Adriana.

807 00:39:31.820 --> 00:39:36.820 Okay, so shift back to our panel cover

808 00:39:38.100 --> 00:39:40.933 and invite you for a discussion.

809 00:39:42.170 --> 00:39:47.170 So first, climate communication is hard,

810 00:39:48.260 --> 00:39:52.110 and many of the scientists don't do it very well.

811 00:39:52.110 --> 00:39:53.030 It's not.

812 00:39:53.030 --> 00:39:57.360 So through your internships and various ways,

813 00:39:57.360 --> 00:39:58.640 you were able to dig into this.

814 00:39:58.640 --> 00:40:00.593 So what advice do you have?

815 00:40:02.970 --> 00:40:04.770 Have you gleaned some best practices

816 00:40:04.770 --> 00:40:08.552 around communicating around climate change and health

817 00:40:08.552 --> 00:40:12.240 and what are the qualities

818 00:40:12.240 --> 00:40:15.353 that make that best practice effective, do you think?

819 00:40:22.110 --> 00:40:24.700 <v ->Yeah, I can...</v> <v ->Yeah.</v>

820 00:40:24.700 --> 00:40:27.080 <v ->Okay, I can kick it off, yeah.</v>

821 00:40:27.080 --> 00:40:29.230 Well, like I mentioned in my intro,

822 00:40:29.230 --> 00:40:30.180 it was really interesting

823 00:40:30.180 --> 00:40:33.030 to see how my organization operated

824 00:40:33.970 --> 00:40:36.700 in an environment that tends to be more conservative

825 00:40:36.700 --> 00:40:40.680 and has unique subpopulations that have legitimate concerns

826 00:40:40.680 --> 00:40:44.760 about what it means to transition to renewables

827 00:40:44.760 --> 00:40:48.320 or change agricultural practices, et cetera.

828 00:40:48.320 --> 00:40:52.330 And so in terms of being an effective communicator,

829 00:40:52.330 --> 00:40:55.050 I think what I learned and what I heard over and over

830 00:40:55.050 --> 00:40:58.420 in interviews that I conducted is first,

831 00:40:58.420 --> 00:41:00.550 that when you're having a conversation with someone,

832 00:41:00.550 --> 00:41:04.750 the goal shouldn't be to convince them of anything.

833 00:41:04.750 --> 00:41:08.100 It's really, the goal should be to establish a connection

834 00:41:08.100 --> 00:41:11.903 with that person, and to establish some level of trust.

835 00:41:13.330 --> 00:41:16.120 And second, that it's very important to listen,

836 00:41:16.120 --> 00:41:17.370 which sounds so obvious,

837 00:41:17.370 --> 00:41:21.500 but like what I found and kind of to my surprise

838 00:41:21.500 --> 00:41:24.050 was that almost no one that I spoke with

839 00:41:24.890 --> 00:41:28.930 was on the end of the spectrum that is climate deniers

840 00:41:28.930 --> 00:41:31.140 and that most people did acknowledge,

841 00:41:31.140 --> 00:41:33.690 at least to some extent, that this happening

842 00:41:33.690 --> 00:41:35.353 and we can see it happening.

843 00:41:36.429 --> 00:41:39.200 And the point though was like,

844 00:41:39.200 --> 00:41:42.480 then where the conflict came in is how do we handle it?

845 00:41:42.480 --> 00:41:46.060 And so it was really important to listen to the communities,

846 00:41:46.060 --> 00:41:47.710 for example, like ranchers,

847 00:41:47.710 --> 00:41:51.920 who their livelihood by and large depend on the climate,

848 00:41:51.920 --> 00:41:56.920 and for whom climate action is in their best interest.

849 00:41:58.850 --> 00:42:01.260 And so sometimes, we wouldn't even use the words

850 00:42:01.260 --> 00:42:03.590 climate change in a conversation

851 00:42:03.590 --> 00:42:07.380 because the point was really not to get everyone to agree

852 00:42:07.380 --> 00:42:08.830 that climate change was happening,

853 00:42:08.830 --> 00:42:11.660 but it was finding commonalities

854 00:42:11.660 --> 00:42:14.990 and finding how we can incorporate all of the economic

855 00:42:14.990 --> 00:42:19.543 and health concerns that people have into finding solutions.

856 00:42:23.680 --> 00:42:26.320 <v ->Yeah, my project was a little bit different,</v>

857 00:42:26.320 --> 00:42:31.290 but I think some of the same things really applied, I think,

858 00:42:31.290 --> 00:42:35.250 in trying to communicate sort of like climate change

859 00:42:35.250 --> 00:42:36.660 in the health intersection.

860 00:42:36.660 --> 00:42:39.500 Something I really worked on this summer

861 00:42:39.500 --> 00:42:42.050 was looking at like local examples

862 00:42:42.050 --> 00:42:45.120 of ways that like either initiatives

863 00:42:45.120 --> 00:42:46.690 that people who, you know,

864 00:42:46.690 --> 00:42:49.570 the ordinary person in Connecticut might have noticed.

865 00:42:49.570 --> 00:42:50.740 For example, they might have noticed

866 00:42:50.740 --> 00:42:52.030 that the bus they take every day

867 00:42:52.030 --> 00:42:53.700 now says it's an electric bus,

868 00:42:53.700 --> 00:42:58.331 and talking about the way that like climate and health

869 00:42:58.331 --> 00:43:00.800 is a problem in their everyday lives

870 00:43:00.800 --> 00:43:03.490 as it is now, and ways that it can be implemented

871 00:43:03.490 --> 00:43:05.260 as solutions that can be implemented

872 00:43:05.260 --> 00:43:07.100 into their everyday lives

873 00:43:07.100 --> 00:43:10.070 to kind of concretize what seems like to a lot of people,

874 00:43:10.070 --> 00:43:12.250 I think, a really big abstract

875 00:43:12.250 --> 00:43:16.170 and like not urgent or not immediate issue

876 00:43:16.170 --> 00:43:17.670 that's right in front of them.

877 00:43:21.920 --> 00:43:23.670 <v ->Yeah, I'd say one of the biggest things</v>

878 00:43:23.670 --> 00:43:26.077 that I found to be effective

879 00:43:26.077 --> 00:43:30.050 and it also sounds pretty obvious is don't make assumptions

880 00:43:30.050 --> 00:43:32.630 when you're starting to talk to people.

881 00:43:32.630 --> 00:43:35.280 Unlike Natalie, we did run into a couple people

882 00:43:35.280 --> 00:43:39.180 who told us we were wasting our time and money.

883 00:43:39.180 --> 00:43:41.990 So it was really important to go into those conversations

884 00:43:41.990 --> 00:43:43.900 with the super like level head,

885 00:43:43.900 --> 00:43:48.190 and also with the body language and phrasing of questions

886 00:43:48.190 --> 00:43:50.380 that makes it sound like you have something

887 00:43:50.380 --> 00:43:51.933 to learn from them as well,

888 00:43:52.790 --> 00:43:54.970 just because that makes them feel more

889 00:43:54.970 --> 00:43:56.290 a part of the conversation

890 00:43:56.290 --> 00:43:59.190 and I found that to be a lot more productive on the whole.

891 00:44:11.030 --> 00:44:13.723 <v ->Adriana or Ian, any thoughts?</v>

892 00:44:19.760 --> 00:44:20.843 <v ->Yeah, I can go.</v>

893 00:44:22.370 --> 00:44:24.760 So when we were interviewing

894 00:44:25.790 --> 00:44:29.920 the municipal emergency management directors

895 00:44:29.920 --> 00:44:31.653 and other officials,

896 00:44:34.710 --> 00:44:39.370 what we found was helpful was to reference

897 00:44:41.400 --> 00:44:43.870 like the heat waves that had been occurring that summer,

898 00:44:43.870 --> 00:44:48.870 because that was extremely relevant to obviously our project

899 00:44:48.970 --> 00:44:52.330 and also helped us frame the questions

900 00:44:52.330 --> 00:44:57.330 in a way that made it very relevant to them as well.

901 00:45:00.670 --> 00:45:05.670 And we also realized, as we were conducting our interviews,

902 00:45:06.020 --> 00:45:09.750 that many of the emergency management directors

903 00:45:09.750 --> 00:45:14.750 were not familiar with the language of climate adaptation

904 00:45:14.990 --> 00:45:18.200 that we had included in several of our questions.

905 00:45:18.200 --> 00:45:21.780 So something important that we ended up discussing

906 00:45:21.780 --> 00:45:26.780 was how we could better adapt our questions and our language

907 00:45:28.140 --> 00:45:31.250 to their experiences,

908 00:45:31.250 --> 00:45:33.340 because we went in sort of assuming

909 00:45:33.340 --> 00:45:35.820 that they would know what this means

910 00:45:37.210 --> 00:45:40.750 and that we wouldn't need to provide a lot of explanation.

911 00:45:40.750 --> 00:45:45.750 But I think that really helped us recalibrate and make sure

912 00:45:48.920 --> 00:45:53.537 that the way we were communicating our questions

913 00:45:59.380 --> 00:46:00.913 helped them and helped us.

914 00:46:05.870 --> 00:46:07.490 <v ->And I would just probably follow up,</v>

915 00:46:07.490 --> 00:46:09.600 pretty similar to what Adriana said,

916 00:46:09.600 --> 00:46:12.980 which is that one of the things that we found

917 00:46:12.980 --> 00:46:14.477 in the whole point of our assessment

918 00:46:14.477 --> 00:46:16.350 was that like community engagement

919 00:46:16.350 --> 00:46:17.980 was trying to make the language

920 00:46:17.980 --> 00:46:19.610 and the scenarios as relevant

921 00:46:19.610 --> 00:46:21.710 to the people in the communities as possible.

922 00:46:21.710 --> 00:46:23.820 So things like we talked

923 00:46:23.820 --> 00:46:27.610 about maybe adding crowdsource mapping so that we can see,

924 00:46:27.610 --> 00:46:29.120 okay, well, these are the roads that flood

925 00:46:29.120 --> 00:46:30.160 when there's heavy rains,

926 00:46:30.160 --> 00:46:32.450 this is only gonna get worse,

927 00:46:32.450 --> 00:46:34.940 who are the people that are gonna be affected by these,

928 00:46:34.940 --> 00:46:36.450 who's already affected by them.

929 00:46:36.450 --> 00:46:39.671 So it was really just like part of like the communicating

930 00:46:39.671 --> 00:46:41.790 is just listening,

931 00:46:41.790 --> 00:46:44.440 and I think that's a big thing that policy makers

932 00:46:44.440 --> 00:46:46.100 and climate change scientists can really take away

933 00:46:46.100 --> 00:46:50.983 from resiliency efforts and from climate change awareness.

934 00:46:53.039 --> 00:46:56.100 <v ->Okay, I'm hearing listening to people,</v>

935 00:46:56.100 --> 00:46:57.610 meeting people where they're at,

936 00:46:57.610 --> 00:47:00.130 some basic, as you all said,

937 00:47:00.130 --> 00:47:05.080 maybe some basic sort of human lessons,

938 00:47:05.080 --> 00:47:07.753 but sometimes you forget them in the moment.

939 00:47:09.650 --> 00:47:10.993 Thanks. That was great.

940 00:47:14.510 --> 00:47:19.000 I'm also curious if any of you thought more particularly

941 00:47:19.000 --> 00:47:22.920 about different strategies for different target audiences.

942 00:47:22.920 --> 00:47:24.930 We know we need to segment our messages

943 00:47:24.930 --> 00:47:26.130 for different audiences.

944 00:47:26.130 --> 00:47:27.490 Did you learn anything

945 00:47:27.490 --> 00:47:29.870 about different audiences through your work

946 00:47:29.870 --> 00:47:32.170 and make any adjustments

947 00:47:33.120 --> 00:47:36.993 to accommodate these different audiences?

948 00:47:45.890 --> 00:47:49.683 <v ->So I can think of two brief examples.</v>

949 00:47:50.710 --> 00:47:55.455 One of them was I ghost-wrote a op-ed

950 00:47:55.455 --> 00:48:00.455 for my preceptor off my supervisor and we just...

951 00:48:00.460 --> 00:48:01.478 I think a big part of it

952 00:48:01.478 --> 00:48:04.169 was just tailoring the language of it,

953 00:48:04.169 --> 00:48:05.090 'cause we put it in a local newspaper.

954 00:48:05.090 --> 00:48:06.360 There was the Hartford News.

955 00:48:06.360 --> 00:48:07.840 And so it was tailoring the language

956 00:48:07.840 --> 00:48:09.680 so that it was like a language

957 00:48:09.680 --> 00:48:14.350 that was easily digestible to the general community.

958 00:48:14.350 --> 00:48:17.930 And also a big part of that was like I was ghost-writing,

959 00:48:17.930 --> 00:48:20.550 so using like kind of his perspective and his voice

960 00:48:20.550 --> 00:48:22.476 as kind of an existing community member

961 00:48:22.476 --> 00:48:25.113 and a trusted community member.

962 00:48:26.441 --> 00:48:27.274 But I think a big part of it

963 00:48:27.274 --> 00:48:28.980 was just like tailoring it to the audience

964 00:48:28.980 --> 00:48:30.300 like who's going to be listening,

965 00:48:30.300 --> 00:48:31.370 and making sure the language

966 00:48:31.370 --> 00:48:34.110 and the vocabulary you're using is digestible

967 00:48:34.110 --> 00:48:36.937 regardless of who you expect might be consuming.

968 00:48:50.737 --> 00:48:52.440 <v ->Anyone else?</v>

969 00:48:52.440 --> 00:48:54.280 <v ->Yeah, I can jump in.</v>

970 00:48:54.280 --> 00:48:58.950 So a lot of our project or my project was focusing on people

971 00:48:58.950 --> 00:49:02.640 who may be resistant to listening to climate change science.

972 00:49:02.640 --> 00:49:05.650 So a lot of the work we did, in general, I would say,

973 00:49:05.650 --> 00:49:10.650 was tailoring to people who might not believe in it.

974 00:49:11.400 --> 00:49:13.680 So therefore like we tried, like Ian was saying,

975 00:49:13.680 --> 00:49:15.820 to use a lot of like digestible material,

976 00:49:15.820 --> 00:49:19.393 like videos, stuff like that, keeping the language simple.

977 00:49:20.430 --> 00:49:22.190 But yeah, I wouldn't necessarily say

978 00:49:22.190 --> 00:49:24.940 we were targeting many different populations

979 00:49:24.940 --> 00:49:26.260 because I think the whole point

980 00:49:26.260 --> 00:49:28.870 was to meet people where they were at

981 00:49:28.870 --> 00:49:33.220 and target those people who may not be as willing to buy in

982 00:49:33.220 --> 00:49:35.420 to the fact that climate change is going on.

983 00:49:38.290 --> 00:49:41.030 <v ->Yeah, and I can, going off that,</v>

984 00:49:41.030 --> 00:49:44.060 I think definitely talking to different groups of people,

985 00:49:44.060 --> 00:49:46.410 you find that individuals are certainly moved

986 00:49:46.410 --> 00:49:47.380 by different things.

987 00:49:47.380 --> 00:49:50.020 And for me, I think different from Caroline,

988 00:49:50.020 --> 00:49:53.920 we were targeting a less hesitant population.

989 00:49:53.920 --> 00:49:56.680 And so I think on a more emotional level,

990 00:49:56.680 --> 00:49:59.810 I found that a lot of people relate really well

991 00:49:59.810 --> 00:50:03.960 to the nostalgia and the sense of loss that is experienced,

992 00:50:03.960 --> 00:50:04.980 especially for people

993 00:50:04.980 --> 00:50:08.840 who have maybe spent their whole life in the same place.

994 00:50:08.840 --> 00:50:11.700 I talked to people who would reminisce

995 00:50:11.700 --> 00:50:14.270 about their favorite ski slope as kids

996 00:50:14.270 --> 00:50:18.190 that no longer gets snow, and not to mention people

997 00:50:18.190 --> 00:50:20.370 who have lost their homes in wildfires

998 00:50:20.370 --> 00:50:24.050 or suffer health consequences from smoky air,

999 00:50:24.050 --> 00:50:26.130 or are literally like moved to tears

1000 00:50:26.130 --> 00:50:28.450 just by the thought of their children

1001 00:50:28.450 --> 00:50:32.274 growing up in a world that potentially looks very different.

1002 00:50:32.274 --> 00:50:36.550 And so I think those kinds of stories are very powerful

1003 00:50:36.550 --> 00:50:38.540 and were successful for us

1004 00:50:38.540 --> 00:50:42.873 when we were targeting a more, I guess, moderate population.

1005 00:50:50.760 --> 00:50:52.440 <v ->I mean, I can just jump in quickly.</v>

1006 00:50:52.440 --> 00:50:55.370 I think my project was significantly different

1007 00:50:55.370 --> 00:50:57.670 in that like the populations

1008 00:50:57.670 --> 00:51:00.540 that we were kind of hoping to engage

1009 00:51:03.050 --> 00:51:07.760 like were not particularly like challenging

1010 00:51:07.760 --> 00:51:10.190 of like a narrative of climate you didn't have.

1011 00:51:10.190 --> 00:51:13.940 But I think one thing that I really learned,

1012 00:51:13.940 --> 00:51:16.890 and obviously this was not really possible in the pandemic,

1013 00:51:16.890 --> 00:51:20.800 but I helped a lot with like the youth advocacy core,

1014 00:51:20.800 --> 00:51:22.690 which Save the Sound has.

1015 00:51:22.690 --> 00:51:26.290 And I think first of all, like for meetings,

1016 00:51:26.290 --> 00:51:28.450 for encouraging people to come to meetings

1017 00:51:28.450 --> 00:51:30.960 and actually engaging people in conversation,

1018 00:51:30.960 --> 00:51:32.230 I think what Caroline said

1019 00:51:32.230 --> 00:51:34.480 about like meeting people where they're at

1020 00:51:34.480 --> 00:51:36.470 and that often means geographically,

1021 00:51:36.470 --> 00:51:39.500 like going to particular locations.

1022 00:51:39.500 --> 00:51:41.370 Unfortunately, I was all remote all summer,

1023 00:51:41.370 --> 00:51:44.170 but my supervisor, Alex Rodriguez,

1024 00:51:44.170 --> 00:51:47.780 who kind of works a lot on the climate advocacy

1025 00:51:48.700 --> 00:51:50.270 was driving all over Connecticut

1026 00:51:50.270 --> 00:51:53.750 to have different meetings with young people

1027 00:51:53.750 --> 00:51:57.000 and with like different representatives everywhere.

1028 00:51:57.000 --> 00:52:00.920 And so I guess not asking people to travel large distances

1029 00:52:00.920 --> 00:52:04.880 or take up large amounts of their time

1030 00:52:04.880 --> 00:52:06.470 because people are busy

1031 00:52:06.470 --> 00:52:09.123 and we want to meet them where we're at, yeah.

1032 00:52:13.820 --> 00:52:15.100 <v ->Yeah, and I can just add quickly</v>

1033 00:52:15.100 --> 00:52:18.510 that since during our interviews,

1034 00:52:18.510 --> 00:52:23.080 we were speaking to municipal leaders

1035 00:52:25.180 --> 00:52:27.350 from all across Connecticut,

1036 00:52:27.350 --> 00:52:29.930 we had to consider that we would be speaking

1037 00:52:29.930 --> 00:52:34.730 to some people who were not comfortable

1038 00:52:34.730 --> 00:52:38.840 with the idea of climate change

1039 00:52:38.840 --> 00:52:43.830 and would see the language

1040 00:52:43.830 --> 00:52:45.860 that we used in our interviews as off-putting,

1041 00:52:45.860 --> 00:52:49.083 if we really emphasized climate change.

1042 00:52:51.200 --> 00:52:56.090 So we decided to really focus more on using language

1043 00:53:00.770 --> 00:53:03.520 that emphasizes extreme heat,

1044 00:53:03.520 --> 00:53:05.540 which is obviously part of climate change,

1045 00:53:05.540 --> 00:53:09.100 but focusing on that one aspect.

1046 00:53:09.100 --> 00:53:11.560 We believed we would be more...

1047 00:53:18.860 --> 00:53:20.150 I said it was all-encompassing

1048 00:53:20.150 --> 00:53:23.730 for the different types of leaders

1049 00:53:23.730 --> 00:53:25.930 or the perspectives of the different leaders

1050 00:53:28.980 --> 00:53:30.643 that we interviewed.

1051 00:53:34.530 --> 00:53:36.330 <v ->Great. Thanks.</v>

1052 00:53:36.330 --> 00:53:38.350 So last question.

1053 00:53:38.350 --> 00:53:41.040 Some of you touched on this, but tell us what will happen

1054 00:53:41.040 --> 00:53:42.840 with the product that you were working on?

1055 00:53:42.840 --> 00:53:46.570 How might your host organization

1056 00:53:46.570 --> 00:53:49.113 use the work that you contributed toward?

1057 00:53:50.400 --> 00:53:55.140 And maybe is it part of some kind of campaign

1058 00:53:55.140 --> 00:53:58.253 or other kind of goal for the organization?

1059 00:54:04.770 --> 00:54:06.563 <v ->Sure. I can start that off.</v>

1060 00:54:07.410 --> 00:54:08.920 So kind of like I mentioned,

1061 00:54:08.920 --> 00:54:10.840 there's a hope that this project

1062 00:54:10.840 --> 00:54:13.870 is kind of more long-lasting and living and breathing,

1063 00:54:13.870 --> 00:54:17.363 and so the interviews will continue hopefully.

1064 00:54:18.380 --> 00:54:21.710 We are still in communication with BCTV

1065 00:54:21.710 --> 00:54:25.693 to try to get more of this broadcasted on the local level.

1066 00:54:26.740 --> 00:54:28.730 And also we just kind of have the hope

1067 00:54:28.730 --> 00:54:30.170 that in addition to targeting people

1068 00:54:30.170 --> 00:54:33.840 who may not be super believing in the science,

1069 00:54:33.840 --> 00:54:36.700 we're hoping that continuously

1070 00:54:36.700 --> 00:54:38.520 kind of making this information available,

1071 00:54:38.520 --> 00:54:40.090 these human stories available,

1072 00:54:40.090 --> 00:54:43.010 that others in the community will also be motivated

1073 00:54:43.010 --> 00:54:47.450 to like make efforts towards improving the carbon footprints

1074 00:54:47.450 --> 00:54:48.870 or just living a life

1075 00:54:48.870 --> 00:54:52.433 that's a little bit more like cognizant of climate change.

1076 00:54:58.780 --> 00:55:03.580 <v ->I can say that my project is kind of an ongoing project</v>

1077 00:55:03.580 --> 00:55:06.870 between Health Equity Solutions and Save the Sound

1078 00:55:06.870 --> 00:55:09.350 and the Yale Center for Climate Change and Health,

1079 00:55:09.350 --> 00:55:11.300 because the curriculum

1080 00:55:11.300 --> 00:55:13.350 that Health Equity Solutions developed

1081 00:55:13.350 --> 00:55:16.310 is so dependent on what the actual organization is,

1082 00:55:16.310 --> 00:55:18.070 who they're gonna work with.

1083 00:55:18.070 --> 00:55:20.410 So like an organization like a company

1084 00:55:20.410 --> 00:55:21.920 or a community organization,

1085 00:55:21.920 --> 00:55:24.380 or even a school can request

1086 00:55:24.380 --> 00:55:26.040 particular parts of their curriculum,

1087 00:55:26.040 --> 00:55:31.040 and obviously, every group has different time constraints.

1088 00:55:31.490 --> 00:55:35.723 And so it continues to be an ongoing project.

1089 00:55:39.790 --> 00:55:42.490 <v ->Yeah, so I produced six videos</v>

1090 00:55:42.490 --> 00:55:43.850 that are about 12 minutes each

1091 00:55:43.850 --> 00:55:47.410 and I also produced trailers for each of those videos.

1092 00:55:47.410 --> 00:55:50.380 So my organization is posting these

1093 00:55:50.380 --> 00:55:52.140 on their website and YouTube channel,

1094 00:55:52.140 --> 00:55:54.950 and because I interviewed members

1095 00:55:54.950 --> 00:55:56.920 of other climate organizations

1096 00:55:57.780 --> 00:55:59.840 and also students who are advocating

1097 00:55:59.840 --> 00:56:03.300 for institutional change at their schools.

1098 00:56:03.300 --> 00:56:06.453 The videos will also be used for those other organizations.

1099 00:56:07.860 --> 00:56:09.750 And then Montana Health Professionals

1100 00:56:09.750 --> 00:56:13.423 may also incorporate them in grant applications.

1101 00:56:17.010 --> 00:56:21.420 <v ->I left off my internship with the idea</v>

1102 00:56:21.420 --> 00:56:23.340 that the final project was going to shared

1103 00:56:23.340 --> 00:56:25.470 with my supervisor's team

1104 00:56:25.470 --> 00:56:30.280 with the rest of the environmental, sorry,

1105 00:56:30.280 --> 00:56:33.100 the climate justice adaptation working group,

1106 00:56:33.100 --> 00:56:35.820 and then so hopefully, that'll maybe get used

1107 00:56:35.820 --> 00:56:40.020 into some kind of state-level policy or planning policy,

1108 00:56:40.020 --> 00:56:44.280 and then that it could potentially be used in other states

1109 00:56:44.280 --> 00:56:45.113 because a big part of it

1110 00:56:45.113 --> 00:56:48.590 was listing Connecticut specific resources

1111 00:56:48.590 --> 00:56:50.380 to help identify vulnerable populations

1112 00:56:50.380 --> 00:56:53.900 and to kind of help address some of the resiliency issues.

1113 00:56:53.900 --> 00:56:56.449 So yeah, the hope is that it can be used

1114 00:56:56.449 --> 00:56:58.853 to some level at state-level planning scenario.

1115 00:57:02.260 --> 00:57:06.010 <v ->And my project is still ongoing,</v>

1116 00:57:06.010 --> 00:57:09.350 but once it's completed,

1117 00:57:09.350 --> 00:57:13.980 the municipal toolkit for extreme heat that I was working on

1118 00:57:15.220 --> 00:57:19.087 will be distributed to municipal leaders around the state

1119 00:57:22.460 --> 00:57:24.250 so that they can have those resources

1120 00:57:24.250 --> 00:57:29.250 for helping their residents and infrastructure

1121 00:57:30.230 --> 00:57:32.970 and other parts of their municipalities

1122 00:57:32.970 --> 00:57:34.070 adapt to extreme heat.

1123 00:57:35.680 --> 00:57:37.560 And during our interviews,

1124 00:57:37.560 --> 00:57:42.390 the leaders that we were speaking to actually seemed eager

1125 00:57:42.390 --> 00:57:45.000 to see what we had developed.

1126 00:57:45.000 --> 00:57:48.523 So hopefully, it's helpful to those leaders.

1127 00:57:51.080 --> 00:57:51.970 <v ->Great.</v>

1128 00:57:51.970 --> 00:57:53.581 Thanks so much, everybody.

1129 00:57:53.581 --> 00:57:58.523 Thanks to panel two, and we'll move on to our final panel.

1130 00:58:02.150 --> 00:58:03.770 Oops. All right.

1131 00:58:03.770 --> 00:58:05.130 So I bring up panel three,

1132 00:58:05.130 --> 00:58:08.423 collecting and operationalizing climate and health data.

1133 00:58:09.270 --> 00:58:12.033 We have Gwen Oliver, Max Teirstein,

1134 00:58:12.870 --> 00:58:15.793 Trinidad Kechkian, and Katie Schlick.

1135 00:58:18.560 --> 00:58:19.393 Gwen.

1136 00:58:20.880 --> 00:58:22.050 <v ->I'm Gwen Oliver.</v>

1137 00:58:22.050 --> 00:58:24.690 Thank you again to Laura and Mauro

1138 00:58:24.690 --> 00:58:26.090 and everyone at the Yale Center

1139 00:58:26.090 --> 00:58:28.690 for Climate Change and Health for giving us this platform

1140 00:58:28.690 --> 00:58:30.390 to talk about what we did,

1141 00:58:30.390 --> 00:58:32.230 and also for organizing the program,

1142 00:58:32.230 --> 00:58:33.810 which was really excellent.

1143 00:58:33.810 --> 00:58:35.520 So I'm at the Yale School of Public Health.

1144 00:58:35.520 --> 00:58:37.860 I'm a master of public health student in my second year,

1145 00:58:37.860 --> 00:58:41.420 and I'm in the epidemiology of microbial disease.

1146 00:58:41.420 --> 00:58:44.080 So I worked at the California Department of Public Health

1147 00:58:44.080 --> 00:58:45.710 this summer, and I specifically worked

1148 00:58:45.710 --> 00:58:47.890 for the Climate Change and Health Equity Section,

1149 00:58:47.890 --> 00:58:50.120 and I worked with their epidemiologist.

1150 00:58:50.120 --> 00:58:53.830 So although a lot of the people on my team worked in policy,

1151 00:58:53.830 --> 00:58:55.690 I actually did a lot of data work for them,

1152 00:58:55.690 --> 00:58:58.603 which is also why I'm on this section of the event.

1153 00:58:59.790 --> 00:59:01.990 So the main thing that I worked on over the summer

1154 00:59:01.990 --> 00:59:04.800 was this biannual update of the climate change

1155 00:59:04.800 --> 00:59:09.510 and health vulnerability indicator data and narratives.

1156 00:59:09.510 --> 00:59:11.937 And so essentially, one thing that the climate change

1157 00:59:11.937 --> 00:59:14.030 and health equity section does

1158 00:59:14.030 --> 00:59:16.310 is they keep up to date these data sets

1159 00:59:16.310 --> 00:59:18.900 that are used by municipal planners,

1160 00:59:18.900 --> 00:59:22.170 health organizations, local health departments,

1161 00:59:22.170 --> 00:59:24.030 and also just community members,

1162 00:59:24.030 --> 00:59:27.640 and essentially, in order to create data

1163 00:59:27.640 --> 00:59:29.000 that's in an accessible form

1164 00:59:29.000 --> 00:59:30.750 for them to do vulnerability assessments,

1165 00:59:30.750 --> 00:59:32.370 especially for climate change.

1166 00:59:32.370 --> 00:59:35.470 So for example, like poverty by census tract,

1167 00:59:35.470 --> 00:59:40.020 or like linguistically-isolated populations.

1168 00:59:40.020 --> 00:59:42.080 And I also updated narratives

1169 00:59:42.080 --> 00:59:45.470 that were associated with these datasets

1170 00:59:45.470 --> 00:59:47.090 so that people knew what they were looking at.

1171 00:59:47.090 --> 00:59:49.530 And I think that the other panelists

1172 00:59:49.530 --> 00:59:51.920 will get into this as well, but this is really critical

1173 00:59:51.920 --> 00:59:55.400 because people need information to make decisions.

1174 00:59:55.400 --> 00:59:57.730 And so especially at the local health department level,

1175 00:59:57.730 --> 00:59:59.850 people really depend on these datasets

1176 00:59:59.850 --> 01:00:03.540 and on the California Department of Public Health

1177 01:00:03.540 --> 01:00:06.210 to provide them with this information for planning purposes.

1178 01:00:06.210 --> 01:00:09.940 So it was a really incredible experience, and yeah.

1179 01:00:09.940 --> 01:00:10.773 Thank you.

1180 01:00:14.040 --> 01:00:14.983 <v ->Thanks, Gwen.</v>

1181 01:00:16.517 --> 01:00:17.533 Oops, here we go.

1182 01:00:19.700 --> 01:00:21.030 Max.

1183 01:00:21.030 --> 01:00:22.123 <v ->Hi everybody.</v>

1184 01:00:22.960 --> 01:00:24.210 Thank you so much for coming today.

1185 01:00:24.210 --> 01:00:26.283 It's so nice to see some of your faces.

1186 01:00:27.348 --> 01:00:30.040 I'm just gonna jump right in because I only have two minutes

1187 01:00:30.040 --> 01:00:32.470 and I had a lot of projects I was put on.

1188 01:00:32.470 --> 01:00:33.330 I worked this summer

1189 01:00:33.330 --> 01:00:35.250 for the Center for Community Engagement,

1190 01:00:35.250 --> 01:00:37.010 Environmental Justice, and Health.

1191 01:00:37.010 --> 01:00:38.230 It's a mouthful.

1192 01:00:38.230 --> 01:00:40.010 We call it CEEJH for short.

1193 01:00:40.010 --> 01:00:42.410 And all of my projects

1194 01:00:42.410 --> 01:00:46.010 had something to do with environmental justice mapping.

1195 01:00:46.010 --> 01:00:49.090 So just like Gwen just said,

1196 01:00:49.090 --> 01:00:51.140 it looked a lot like layering data

1197 01:00:51.140 --> 01:00:54.887 from the realms of public health and environmental data

1198 01:00:54.887 --> 01:00:57.040 and climate data and socioeconomic data

1199 01:00:57.040 --> 01:00:59.700 to identify where the most vulnerable communities

1200 01:00:59.700 --> 01:01:01.150 in an area are.

1201 01:01:01.150 --> 01:01:02.990 And there are lots of different indicators

1202 01:01:02.990 --> 01:01:06.340 for capturing that kind of vulnerability,

1203 01:01:06.340 --> 01:01:09.740 and part of my work, especially one of my projects

1204 01:01:09.740 --> 01:01:12.750 was putting together a white paper that surveyed

1205 01:01:12.750 --> 01:01:15.820 sort of current environmental justice mapping tools

1206 01:01:15.820 --> 01:01:18.460 that are available that layer these kinds of data

1207 01:01:18.460 --> 01:01:20.000 and identifying gaps,

1208 01:01:20.000 --> 01:01:23.510 indicators of vulnerability that should be included,

1209 01:01:23.510 --> 01:01:24.730 but maybe aren't right now.

1210 01:01:24.730 --> 01:01:28.290 And that white paper will be published soon

1211 01:01:28.290 --> 01:01:30.560 on the National Wildlife Federation's website.

1212 01:01:30.560 --> 01:01:31.670 It's going to be presented

1213 01:01:31.670 --> 01:01:35.883 to the White House Council on Environmental Quality,

1214 01:01:37.170 --> 01:01:40.820 and that was just a really awesome project that I worked on.

1215 01:01:40.820 --> 01:01:44.090 I also participated in a project

1216 01:01:44.090 --> 01:01:46.840 for a publication called Consumer Reports

1217 01:01:46.840 --> 01:01:48.763 that I'm sure some of you have heard of,

1218 01:01:50.462 --> 01:01:51.690 and that project was mapping out

1219 01:01:51.690 --> 01:01:55.820 where Amazon warehouses were located across the country

1220 01:01:55.820 --> 01:01:57.670 and sort of trying to make an argument

1221 01:01:57.670 --> 01:01:59.490 that Amazon disproportionally sites,

1222 01:01:59.490 --> 01:02:02.040 its warehouses and facilities,

1223 01:02:02.040 --> 01:02:05.490 and areas that are primarily black and brown

1224 01:02:05.490 --> 01:02:09.333 and low income and have low educational attainment.

1225 01:02:10.480 --> 01:02:12.430 So particularly vulnerable areas.

1226 01:02:12.430 --> 01:02:14.690 And we were able to find that that actually is true

1227 01:02:14.690 --> 01:02:16.420 based on the data.

1228 01:02:16.420 --> 01:02:19.160 So I worked on a host of other projects,

1229 01:02:19.160 --> 01:02:21.130 including updating Maryland statewide

1230 01:02:21.130 --> 01:02:22.690 environmental justice mapping tool

1231 01:02:22.690 --> 01:02:24.900 and their park equity mapping tool.

1232 01:02:24.900 --> 01:02:28.630 I did some community engagement in North and South Carolina,

1233 01:02:28.630 --> 01:02:30.423 which is also mapping tool related.

1234 01:02:31.560 --> 01:02:33.670 But yeah, I'm excited to answer any questions

1235 01:02:33.670 --> 01:02:36.520 and talk a little bit more about that in the Q&A portion.

1236 01:02:39.600 --> 01:02:42.533 <v ->Thanks. And Trini.</v>

1237 01:02:43.710 --> 01:02:45.460 <v ->Hi everyone. I'm Trini.</v>

1238 01:02:45.460 --> 01:02:47.100 I use she, her pronouns,

1239 01:02:47.100 --> 01:02:51.840 and I am a fifth year student

1240 01:02:51.840 --> 01:02:53.310 at the School of the Environment.

1241 01:02:53.310 --> 01:02:56.110 I'm pursuing a master of environmental management.

1242 01:02:56.110 --> 01:03:00.263 I was a Yale College undergrad before that.

1243 01:03:02.220 --> 01:03:03.910 So I graduated in May

1244 01:03:03.910 --> 01:03:07.350 and I studied environmental studies and global affairs

1245 01:03:07.350 --> 01:03:09.360 during my time on Yale College.

1246 01:03:09.360 --> 01:03:14.150 This summer I interned with WE ACT for Environmental Justice

1247 01:03:14.150 --> 01:03:17.000 on their cooling center audit project.

1248 01:03:17.000 --> 01:03:20.720 So WE ACT is a membership-based organization

1249 01:03:20.720 --> 01:03:24.160 that has been fighting for the health and wellbeing

1250 01:03:24.160 --> 01:03:26.740 of low-income communities and communities of color

1251 01:03:26.740 --> 01:03:27.940 in Northern Manhattan.

1252 01:03:27.940 --> 01:03:31.340 So that's Harlem, Washington Heights, and Inwood

1253 01:03:31.340 --> 01:03:33.760 for the past 30 years.

1254 01:03:33.760 --> 01:03:35.310 And the project that I was working on

1255 01:03:35.310 --> 01:03:38.900 was about adaptation strategies for extreme heat events,

1256 01:03:38.900 --> 01:03:42.063 which are a pressing public health issue in New York City.

1257 01:03:43.160 --> 01:03:45.880 The New York City Cooling Center Program

1258 01:03:45.880 --> 01:03:50.880 provides public spaces for residents to go and cool down

1259 01:03:51.100 --> 01:03:53.630 during extreme heat events.

1260 01:03:53.630 --> 01:03:58.390 And in the summer of 2019, WE ACT conducted an audit

1261 01:03:58.390 --> 01:04:03.270 of about 50 cooling centers across Northern Manhattan

1262 01:04:03.270 --> 01:04:04.770 to assess our effectiveness,

1263 01:04:04.770 --> 01:04:09.160 and they found that they were underutilized,

1264 01:04:09.160 --> 01:04:11.540 lacks sufficient way-finding,

1265 01:04:11.540 --> 01:04:14.653 didn't consistently offer amenities or activities.

1266 01:04:16.060 --> 01:04:18.000 It didn't have food or water,

1267 01:04:18.000 --> 01:04:22.540 and sometimes even lacked a working AC.

1268 01:04:22.540 --> 01:04:25.410 And so they compiled all of this into a report

1269 01:04:25.410 --> 01:04:27.500 that they've used to organize

1270 01:04:27.500 --> 01:04:32.500 and advocate for the improvement of these cooling centers.

1271 01:04:32.800 --> 01:04:34.600 So during the summer of 2021,

1272 01:04:36.190 --> 01:04:39.180 WE ACT wanted to conduct a second audit

1273 01:04:39.180 --> 01:04:42.980 of the cooling centers across Northern Manhattan

1274 01:04:42.980 --> 01:04:46.320 using an improved auditing form

1275 01:04:46.320 --> 01:04:48.320 developed by a team of students

1276 01:04:48.320 --> 01:04:53.320 during the spring 2021 clinic in climate justice

1277 01:04:53.376 --> 01:04:57.813 and climate policy law and public health.

1278 01:04:58.890 --> 01:05:03.270 And so my job was to coordinate the audit project

1279 01:05:03.270 --> 01:05:05.430 and actually make it happen this summer.

1280 01:05:05.430 --> 01:05:10.430 So that included training and coordinating volunteers,

1281 01:05:13.150 --> 01:05:15.800 fine-tuning the auditing form,

1282 01:05:15.800 --> 01:05:18.003 and collecting and analyzing the data.

1283 01:05:21.490 --> 01:05:22.953 <v ->Great. Thanks Trini.</v>

1284 01:05:24.520 --> 01:05:26.823 And Katie.

1285 01:05:27.980 --> 01:05:28.813 <v ->Hi everybody.</v>

1286 01:05:28.813 --> 01:05:29.900 My name is Katie Schlick.

1287 01:05:29.900 --> 01:05:33.550 I use she, her pronouns, and I am a senior in Yale College,

1288 01:05:33.550 --> 01:05:35.790 majoring in environmental studies.

1289 01:05:35.790 --> 01:05:37.120 This summer, I was really excited

1290 01:05:37.120 --> 01:05:39.440 to work for the New Haven City Plan Department,

1291 01:05:39.440 --> 01:05:42.920 and I was supporting, in general,

1292 01:05:42.920 --> 01:05:45.380 their initiatives planning for climate and health

1293 01:05:45.380 --> 01:05:49.970 and building back after COVID-19 and then also,

1294 01:05:49.970 --> 01:05:53.160 just really supporting their community outreach.

1295 01:05:53.160 --> 01:05:56.720 So I had kind of two or three main focuses.

1296 01:05:56.720 --> 01:06:00.280 The first one was the city plan department.

1297 01:06:00.280 --> 01:06:01.820 First off, just as a little background,

1298 01:06:01.820 --> 01:06:03.180 the city plan department,

1299 01:06:03.180 --> 01:06:04.890 it's an amazing office that works closely

1300 01:06:04.890 --> 01:06:06.160 with economic development

1301 01:06:06.160 --> 01:06:08.360 and a bunch of other city departments,

1302 01:06:08.360 --> 01:06:09.970 some different boards and commissions

1303 01:06:09.970 --> 01:06:13.113 like planning commission, the zoning commission,

1304 01:06:14.300 --> 01:06:18.000 the historic society, and then community management teams,

1305 01:06:18.000 --> 01:06:21.150 elders, and residents to facilitate

1306 01:06:21.150 --> 01:06:24.290 the meaningful physical development of the city

1307 01:06:24.290 --> 01:06:25.970 alongside sustainable land use

1308 01:06:25.970 --> 01:06:28.540 and economic and social policy.

1309 01:06:28.540 --> 01:06:30.700 So I supported the City Plan Commission

1310 01:06:30.700 --> 01:06:32.510 and its public outreach efforts,

1311 01:06:32.510 --> 01:06:34.070 and it's kind of as they transitioned

1312 01:06:34.070 --> 01:06:36.173 into doing them over Zoom this whole year.

1313 01:06:37.050 --> 01:06:39.540 I also reformatted and updated the zoning code

1314 01:06:39.540 --> 01:06:41.990 so that it's more accessible online for people,

1315 01:06:41.990 --> 01:06:45.000 and then I also helped out

1316 01:06:45.000 --> 01:06:47.840 with framing the Long Wharf Responsible Growth Plan

1317 01:06:47.840 --> 01:06:50.340 in the context of community engagement needs

1318 01:06:50.340 --> 01:06:53.120 as they've changed a lot since the plan,

1319 01:06:53.120 --> 01:06:54.440 which you can see in that,

1320 01:06:54.440 --> 01:06:56.020 like on the right side of the slide.

1321 01:06:56.020 --> 01:06:57.400 That's kind of the vision

1322 01:06:57.400 --> 01:07:01.050 for redeveloping a Long Wharf area and revitalizing it,

1323 01:07:01.050 --> 01:07:04.740 and that plan was like many, many years in the making.

1324 01:07:04.740 --> 01:07:06.940 But I think a lot of, as we know,

1325 01:07:06.940 --> 01:07:08.390 like a lot of community needs

1326 01:07:08.390 --> 01:07:10.710 and just the physical environment has changed

1327 01:07:10.710 --> 01:07:11.973 since the pandemic too.

1328 01:07:12.910 --> 01:07:16.530 So I was kind of reassessing that in all those contexts.

1329 01:07:16.530 --> 01:07:20.440 So a couple of my key takeaways

1330 01:07:20.440 --> 01:07:21.900 from the summer were first,

1331 01:07:21.900 --> 01:07:23.680 just, it was an amazing experience

1332 01:07:23.680 --> 01:07:25.600 to understand how government operates

1333 01:07:25.600 --> 01:07:27.800 and how many openings there are

1334 01:07:27.800 --> 01:07:30.600 at such a local level to create real tangible change,

1335 01:07:30.600 --> 01:07:32.900 and I saw that firsthand in like the four

1336 01:07:32.900 --> 01:07:35.230 or five-hour long city plan commission meetings

1337 01:07:35.230 --> 01:07:38.930 and hearing the public testimony, anywhere from that

1338 01:07:38.930 --> 01:07:41.830 to when people would submit other forms of testimony

1339 01:07:41.830 --> 01:07:44.160 or show up to neighborhood walks that we did

1340 01:07:44.160 --> 01:07:46.500 as we were looking at the neighborhoods

1341 01:07:46.500 --> 01:07:49.450 and thinking about how plans could adjust

1342 01:07:49.450 --> 01:07:52.330 to fit the needs that we're seeing on the ground.

1343 01:07:52.330 --> 01:07:56.730 I also have a huge appreciation for how influential

1344 01:07:56.730 --> 01:08:00.040 and critical a city plan department is in general

1345 01:08:00.040 --> 01:08:01.690 for tackling the climate crisis

1346 01:08:01.690 --> 01:08:05.390 and building back from COVID-19 with equity and justice

1347 01:08:05.390 --> 01:08:08.150 at the forefront of that conversation.

1348 01:08:08.150 --> 01:08:12.560 It just the built environment so much reflects

1349 01:08:12.560 --> 01:08:14.610 like how we're able to build community

1350 01:08:14.610 --> 01:08:19.227 and how we're able to prioritize equity and justice.

1351 01:08:19.227 --> 01:08:22.300 And so it's just like, it is a longer time scale,

1352 01:08:22.300 --> 01:08:24.280 but it's so meaningful and important.

1353 01:08:24.280 --> 01:08:25.660 And then third, I would say,

1354 01:08:25.660 --> 01:08:29.300 I really appreciated my preceptor, Jamie Stein,

1355 01:08:29.300 --> 01:08:30.910 and the cohort of fellows.

1356 01:08:30.910 --> 01:08:31.890 It was also affiliated

1357 01:08:31.890 --> 01:08:34.593 with the Dwight Hall Summer Fellowship.

1358 01:08:35.820 --> 01:08:38.170 And it was just amazing to be able to all work together,

1359 01:08:38.170 --> 01:08:41.290 to go from this book, planning to stay,

1360 01:08:41.290 --> 01:08:46.290 and think about how we can hear the voices

1361 01:08:46.440 --> 01:08:48.610 of the people in the community on the ground,

1362 01:08:48.610 --> 01:08:51.320 and then match that up right to what the plans were

1363 01:08:51.320 --> 01:08:54.280 that we you're creating and how they're being implemented

1364 01:08:54.280 --> 01:08:56.030 in the coming months and years ahead.

1365 01:08:56.030 --> 01:08:57.277 So thank you.

1366 01:08:58.428 --> 01:09:00.500 <v ->Great. Thanks, Katie.</v>

1367 01:09:00.500 --> 01:09:01.750 All right.

1368 01:09:01.750 --> 01:09:05.833 So a few questions.

1369 01:09:08.020 --> 01:09:11.370 So I think I'll frame this out bigger,

1370 01:09:11.370 --> 01:09:13.080 a little bit bigger than data and also say

1371 01:09:13.080 --> 01:09:17.210 that it's around kind of community planning

1372 01:09:17.210 --> 01:09:18.763 and community engagement.

1373 01:09:21.120 --> 01:09:23.760 You know, the way that you do it really matters.

1374 01:09:23.760 --> 01:09:25.820 The way that you're collecting and using the data

1375 01:09:25.820 --> 01:09:26.780 and presenting the data

1376 01:09:26.780 --> 01:09:29.700 or the way that you are making decisions for

1377 01:09:29.700 --> 01:09:32.270 with communities, like that process really matters,

1378 01:09:32.270 --> 01:09:33.420 and we learned that

1379 01:09:33.420 --> 01:09:35.110 through principles of environmental justice.

1380 01:09:35.110 --> 01:09:37.840 So can you talk about observations

1381 01:09:37.840 --> 01:09:41.300 that you saw about maybe ways that that went well

1382 01:09:41.300 --> 01:09:42.980 or challenges that you saw

1383 01:09:42.980 --> 01:09:45.930 in applying those principles and practice in your projects?

1384 01:09:52.920 --> 01:09:53.870 Anyone can jump in.

1385 01:09:57.190 --> 01:09:58.830 <v ->I can talk a little bit.</v>

1386 01:09:58.830 --> 01:10:01.500 I didn't have a lot of direct community engagement

1387 01:10:01.500 --> 01:10:03.490 just because at the California Department

1388 01:10:03.490 --> 01:10:04.820 of Public Health level,

1389 01:10:04.820 --> 01:10:08.640 they're almost like a federal government institution,

1390 01:10:08.640 --> 01:10:10.060 because they're so big,

1391 01:10:10.060 --> 01:10:12.500 but something that I did see that was really successful

1392 01:10:12.500 --> 01:10:14.300 was that a lot of the planning

1393 01:10:14.300 --> 01:10:15.797 and work that the climate change

1394 01:10:15.797 --> 01:10:19.230 and health equity section did involved community partners.

1395 01:10:19.230 --> 01:10:21.360 And so that's especially essential

1396 01:10:21.360 --> 01:10:24.550 because it is an equity organization.

1397 01:10:24.550 --> 01:10:27.340 And so it was really important for them

1398 01:10:27.340 --> 01:10:29.330 to kind of like go into communities

1399 01:10:29.330 --> 01:10:31.300 and partner with community groups and say,

1400 01:10:31.300 --> 01:10:32.760 like what do you need?

1401 01:10:32.760 --> 01:10:35.720 Like what resources are lacking?

1402 01:10:35.720 --> 01:10:38.210 Or like there's been discussion

1403 01:10:38.210 --> 01:10:40.929 of like weatherization of houses,

1404 01:10:40.929 --> 01:10:43.080 and that is really critical,

1405 01:10:43.080 --> 01:10:47.230 but like is that something that people are invested in?

1406 01:10:47.230 --> 01:10:49.599 Is that like the primary thing that they need?

1407 01:10:49.599 --> 01:10:53.250 And so I think that like a little bit less directly related

1408 01:10:53.250 --> 01:10:55.100 to my project, but just in general,

1409 01:10:55.100 --> 01:10:57.670 I think the team that I worked on was really excellent

1410 01:10:57.670 --> 01:10:59.430 at engaging with partners

1411 01:10:59.430 --> 01:11:01.740 who were directly plugged into the community

1412 01:11:01.740 --> 01:11:03.033 and knew what was needed.

1413 01:11:05.300 --> 01:11:06.880 <v ->Yeah, I would just add also,</v>

1414 01:11:06.880 --> 01:11:11.880 like I have found that when community partners

1415 01:11:13.140 --> 01:11:17.970 play pivotal role in data collection and on the project,

1416 01:11:17.970 --> 01:11:19.300 for example, I worked on a project,

1417 01:11:19.300 --> 01:11:24.040 updating the CEEJH's park equity mapper,

1418 01:11:24.040 --> 01:11:26.720 which basically assesses community's

1419 01:11:26.720 --> 01:11:28.693 relative access to green space.

1420 01:11:29.970 --> 01:11:34.270 That was a much more successful,

1421 01:11:34.270 --> 01:11:36.430 I think, endeavor ultimately,

1422 01:11:36.430 --> 01:11:41.430 than was this kind of broader dataset work that I did

1423 01:11:41.909 --> 01:11:43.950 for the Amazon project,

1424 01:11:43.950 --> 01:11:46.840 which involved data from all over the country.

1425 01:11:46.840 --> 01:11:47.770 The data was drawn

1426 01:11:47.770 --> 01:11:52.540 from the national environmental justice mapping tool

1427 01:11:53.380 --> 01:11:55.653 the EPA has called EJSCREEN.

1428 01:11:56.720 --> 01:11:59.210 And a lot of that data is modeled,

1429 01:11:59.210 --> 01:12:01.990 but we worked with a group

1430 01:12:01.990 --> 01:12:04.870 called The Baltimore Neighborhood Indicators Alliance

1431 01:12:04.870 --> 01:12:08.890 in Baltimore to put together a different report

1432 01:12:08.890 --> 01:12:10.470 that'll get published soon

1433 01:12:10.470 --> 01:12:15.140 on park equity and health outcomes.

1434 01:12:15.140 --> 01:12:17.320 And that data was really rich

1435 01:12:17.320 --> 01:12:21.100 and the community partners could speak to its accuracy,

1436 01:12:21.100 --> 01:12:24.700 whereas the national data, a lot of which was modeled

1437 01:12:24.700 --> 01:12:27.990 and that data is all coming from kind of the Census Bureau,

1438 01:12:27.990 --> 01:12:30.580 which is crucial, of course,

1439 01:12:30.580 --> 01:12:33.260 but not a community-based organization.

1440 01:12:33.260 --> 01:12:35.190 It's a huge in scope.

1441 01:12:35.190 --> 01:12:38.240 So that data had a lot more inaccuracies in it

1442 01:12:38.240 --> 01:12:41.220 and it was a lot more difficult to work with ultimately.

1443 01:12:41.220 --> 01:12:42.880 So I think that there's an important point to be made

1444 01:12:42.880 --> 01:12:45.020 about how community groups

1445 01:12:45.020 --> 01:12:47.960 actually can produce much more accurate data.

1446 01:12:47.960 --> 01:12:50.280 And so they make for excellent partners

1447 01:12:50.280 --> 01:12:52.413 in data analysis work.

1448 01:12:54.980 --> 01:12:58.560 <v ->So I can comment also here.</v>

1449 01:12:58.560 --> 01:13:01.080 There were kind of two levels of community engagement

1450 01:13:01.080 --> 01:13:02.640 in my project.

1451 01:13:02.640 --> 01:13:05.610 One was me working with volunteers

1452 01:13:05.610 --> 01:13:07.950 who are members of the community,

1453 01:13:07.950 --> 01:13:12.280 and the second level being the volunteers going out

1454 01:13:12.280 --> 01:13:17.280 to conduct the surveys of the users of the cooling centers,

1455 01:13:17.890 --> 01:13:21.003 who are like another level of community.

1456 01:13:22.870 --> 01:13:27.870 So I didn't really quite get to be communicating

1457 01:13:28.680 --> 01:13:31.070 with the actual users of the cooling centers,

1458 01:13:31.070 --> 01:13:36.070 but my strategy for working with the volunteers

1459 01:13:37.460 --> 01:13:40.690 was to just make them feel heard

1460 01:13:40.690 --> 01:13:43.590 and actually incorporate the comments

1461 01:13:43.590 --> 01:13:48.590 that they had about the audit into the project.

1462 01:13:49.080 --> 01:13:53.630 So the first training session that I had,

1463 01:13:53.630 --> 01:13:57.950 it wasn't the smoothest, but I think because of that,

1464 01:13:57.950 --> 01:14:02.640 I was able to create a much better like process

1465 01:14:02.640 --> 01:14:05.630 and a much better audit form

1466 01:14:05.630 --> 01:14:09.940 to actually go out and get better data

1467 01:14:09.940 --> 01:14:14.000 for the project, and so a lot of the comments were like,

1468 01:14:14.000 --> 01:14:18.200 so because this project involved like human subjects

1469 01:14:18.200 --> 01:14:19.990 who were the users of the cooling centers,

1470 01:14:19.990 --> 01:14:24.790 we had to do a consent form before doing any surveying.

1471 01:14:24.790 --> 01:14:29.170 So the consent form originally was like two-pages long.

1472 01:14:29.170 --> 01:14:32.010 It took like five minutes to read.

1473 01:14:32.010 --> 01:14:34.236 It was really wordy and jargony.

1474 01:14:34.236 --> 01:14:37.700 And when we were going through that

1475 01:14:37.700 --> 01:14:40.320 during the first training session,

1476 01:14:40.320 --> 01:14:42.960 I got many comments about its length

1477 01:14:42.960 --> 01:14:47.090 and I managed to cut it down to one minute,

1478 01:14:47.090 --> 01:14:49.370 a quick like consent form

1479 01:14:49.370 --> 01:14:51.690 that still got all the information across

1480 01:14:51.690 --> 01:14:53.680 that was necessary.

1481 01:14:53.680 --> 01:14:58.240 And even some of the questions that were in the audit form,

1482 01:14:59.700 --> 01:15:02.130 we got rid of or changed.

1483 01:15:02.130 --> 01:15:07.130 We removed an entire section for the staff survey

1484 01:15:07.610 --> 01:15:10.800 because we felt that, well, first of all,

1485 01:15:10.800 --> 01:15:15.800 a lot of the locations, especially the public libraries

1486 01:15:16.530 --> 01:15:19.010 didn't allow us to even survey,

1487 01:15:19.010 --> 01:15:23.223 and we also felt that surveying staff,

1488 01:15:25.955 --> 01:15:28.470 we would encounter some obstacles in that

1489 01:15:28.470 --> 01:15:31.380 because staff would be suspicious

1490 01:15:31.380 --> 01:15:34.870 of like what we were gonna do with information,

1491 01:15:34.870 --> 01:15:38.790 whether we were gonna attach a name to the form,

1492 01:15:38.790 --> 01:15:40.500 or whether we were gonna get them in trouble,

1493 01:15:40.500 --> 01:15:45.430 which was not like at all the purpose of our audits,

1494 01:15:45.430 --> 01:15:47.343 and they were completely anonymous.

1495 01:15:48.530 --> 01:15:51.300 But yeah, because of the feedback

1496 01:15:51.300 --> 01:15:53.710 that I got during that first training session,

1497 01:15:53.710 --> 01:15:55.100 I kind of treated that

1498 01:15:55.100 --> 01:15:59.220 as like me talking to members of the community, which I was,

1499 01:15:59.220 --> 01:16:02.010 and incorporating their work, and I got some really great,

1500 01:16:02.010 --> 01:16:03.790 like I got a nice email

1501 01:16:03.790 --> 01:16:05.030 saying like thank you so much

1502 01:16:05.030 --> 01:16:08.750 for like working so hard to incorporate our comments.

1503 01:16:08.750 --> 01:16:10.080 Like you really made us feel heard.

1504 01:16:10.080 --> 01:16:12.053 And that meant a lot to me.

1505 01:16:13.600 --> 01:16:17.080 But to kind of comment on what Max just said

1506 01:16:17.080 --> 01:16:21.730 about communities developing more accurate data,

1507 01:16:21.730 --> 01:16:25.350 I kind of encountered, not the opposite problem,

1508 01:16:25.350 --> 01:16:26.670 but I think it depends

1509 01:16:26.670 --> 01:16:28.720 what kind of data you're really looking for.

1510 01:16:28.720 --> 01:16:33.210 So for me, I think training,

1511 01:16:33.210 --> 01:16:35.960 I think I had like 25 or 30 volunteers

1512 01:16:35.960 --> 01:16:40.410 to go out and to do audits.

1513 01:16:40.410 --> 01:16:42.600 There's gonna be variability in that

1514 01:16:42.600 --> 01:16:46.180 and not everyone's gonna conduct the survey the same way

1515 01:16:46.180 --> 01:16:48.900 despite the trainings that I did.

1516 01:16:48.900 --> 01:16:53.343 So that was one of the obstacles that I think I encountered.

1517 01:16:57.900 --> 01:17:00.650 <v ->I would add for the City Plan Department as well,</v>

1518 01:17:00.650 --> 01:17:02.310 I think there were a couple of different ways

1519 01:17:02.310 --> 01:17:04.020 in which community engagement

1520 01:17:04.020 --> 01:17:07.960 and collecting data from there was prioritized.

1521 01:17:07.960 --> 01:17:09.050 So one project

1522 01:17:09.050 --> 01:17:11.330 that another one of the fellows was working on

1523 01:17:11.330 --> 01:17:14.720 was the redevelopment of the strong school neighborhood.

1524 01:17:14.720 --> 01:17:18.030 And so I kind of came in at a time

1525 01:17:18.030 --> 01:17:19.950 when they had already worked with a consulting firm

1526 01:17:19.950 --> 01:17:21.766 to develop a feedback survey.

1527 01:17:21.766 --> 01:17:23.543 But then in terms of distributing the survey,

1528 01:17:23.543 --> 01:17:26.048 it's a little tricky with COVID,

1529 01:17:26.048 --> 01:17:31.048 but we decided that like papering was the best way to do it,

1530 01:17:31.480 --> 01:17:34.080 and then there was a QR code that people could scan.

1531 01:17:35.100 --> 01:17:39.420 But yeah, we distributed that kind of pretty much by hands

1532 01:17:39.420 --> 01:17:42.320 to the local public library in New Haven

1533 01:17:42.320 --> 01:17:44.010 to the summer schools that were running,

1534 01:17:44.010 --> 01:17:45.890 New Haven public schools.

1535 01:17:45.890 --> 01:17:47.610 They went up and down the street

1536 01:17:47.610 --> 01:17:49.370 at the main to like grand avenue

1537 01:17:49.370 --> 01:17:51.320 to all the different local businesses,

1538 01:17:51.320 --> 01:17:53.480 and they went with people from that neighborhood

1539 01:17:53.480 --> 01:17:55.820 so that it was received well,

1540 01:17:55.820 --> 01:17:57.510 and then there was like a couple,

1541 01:17:57.510 --> 01:17:58.670 we drove the whole neighborhood

1542 01:17:58.670 --> 01:18:00.260 and put it in all the mailboxes and stuff.

1543 01:18:00.260 --> 01:18:04.360 So this idea of like data, not just being the statistics,

1544 01:18:04.360 --> 01:18:06.620 but also like the lens experiences

1545 01:18:06.620 --> 01:18:11.400 and then the open comments from people.

1546 01:18:11.400 --> 01:18:13.120 And then in terms of the City Plan Commission,

1547 01:18:13.120 --> 01:18:14.640 which I mentioned before too,

1548 01:18:14.640 --> 01:18:17.740 one big thing that came up this summer

1549 01:18:18.940 --> 01:18:20.740 was meeting over Zoom.

1550 01:18:20.740 --> 01:18:21.650 And so we had to make sure

1551 01:18:21.650 --> 01:18:23.070 that it was accessible for people.

1552 01:18:23.070 --> 01:18:26.690 So people are able to send in public comment that way,

1553 01:18:26.690 --> 01:18:29.440 and then also just there's like public comment periods

1554 01:18:29.440 --> 01:18:30.273 open at the meeting,

1555 01:18:30.273 --> 01:18:32.500 and if we didn't get to one at one meeting,

1556 01:18:32.500 --> 01:18:34.940 it would open up for the following meeting.

1557 01:18:34.940 --> 01:18:37.410 So there was a lot of opportunity for engagement there.

1558 01:18:37.410 --> 01:18:40.450 And then with my project with Longworth,

1559 01:18:40.450 --> 01:18:41.490 all the fellows were working

1560 01:18:41.490 --> 01:18:43.221 on building out community profiles

1561 01:18:43.221 --> 01:18:46.940 around these already established plans.

1562 01:18:46.940 --> 01:18:51.940 So in theory, there was community input

1563 01:18:52.700 --> 01:18:54.890 in the plans to begin with,

1564 01:18:54.890 --> 01:18:59.170 but we were trying to situate that within more of the data

1565 01:18:59.170 --> 01:19:00.870 that we have from DataHaven

1566 01:19:00.870 --> 01:19:03.260 that we were pulling from community management team meetings

1567 01:19:03.260 --> 01:19:06.030 from talking to the elders and talking to residents.

1568 01:19:06.030 --> 01:19:07.840 And another huge piece of it

1569 01:19:07.840 --> 01:19:09.850 was trying to then at the end of it,

1570 01:19:09.850 --> 01:19:13.450 we're packaging the profiles in a way that are useful

1571 01:19:13.450 --> 01:19:15.350 for the community members themselves

1572 01:19:15.350 --> 01:19:17.070 and for the neighborhoods themselves

1573 01:19:17.070 --> 01:19:19.410 so that they can use that in future conversations

1574 01:19:19.410 --> 01:19:21.970 or future planning commission meetings

1575 01:19:21.970 --> 01:19:23.720 or whatever might be helpful there.

1576 01:19:27.571 --> 01:19:28.840 <v Laura>Trini, do you want to jump in?</v>

1577 01:19:28.840 --> 01:19:31.120 <v ->Yeah, I wanted to comment on data</v>

1578 01:19:31.120 --> 01:19:33.510 not just being the actual survey

1579 01:19:33.510 --> 01:19:35.750 or whatever you're collecting,

1580 01:19:35.750 --> 01:19:37.320 but also the lived experience.

1581 01:19:37.320 --> 01:19:42.310 So after every heat wave,

1582 01:19:42.310 --> 01:19:45.670 I would do a debrief with the volunteers,

1583 01:19:45.670 --> 01:19:50.540 and I would say that their comments are even more valuable

1584 01:19:50.540 --> 01:19:52.430 than the actual audits,

1585 01:19:52.430 --> 01:19:54.290 just because a lot of the audits,

1586 01:19:54.290 --> 01:19:56.400 they weren't able to conduct

1587 01:19:56.400 --> 01:20:00.630 or they got lost and went to a different location,

1588 01:20:00.630 --> 01:20:02.750 which is data in itself

1589 01:20:02.750 --> 01:20:06.113 because then that means that they're not easy to find,

1590 01:20:07.320 --> 01:20:08.790 or they weren't able to conduct it

1591 01:20:08.790 --> 01:20:11.520 because there were no users there,

1592 01:20:11.520 --> 01:20:15.740 or their interactions with the staff

1593 01:20:15.740 --> 01:20:17.670 were a little bit hostile maybe

1594 01:20:17.670 --> 01:20:19.830 and they wanted to talk about that.

1595 01:20:19.830 --> 01:20:24.830 So I think even, yeah, I think that's a great point, Katie.

1596 01:20:27.510 --> 01:20:30.663 <v ->Okay, with just a couple of minutes left,</v>

1597 01:20:31.500 --> 01:20:34.560 I'll ask you of what Gwen kind of pointed to, which is,

1598 01:20:34.560 --> 01:20:36.690 do you see ways that the work that you did

1599 01:20:36.690 --> 01:20:41.690 or that this data will inform policy?

1600 01:20:46.620 --> 01:20:50.113 <v ->Yeah, since you pointed to me, I can go first.</v>

1601 01:20:51.100 --> 01:20:53.630 Yeah, I think that it's really,

1602 01:20:53.630 --> 01:20:55.880 and I also just wanted to tie this back a little bit

1603 01:20:55.880 --> 01:20:56.760 to the last question,

1604 01:20:56.760 --> 01:21:00.130 which is about like community engagement and equity

1605 01:21:00.130 --> 01:21:01.530 and tie it back to data,

1606 01:21:01.530 --> 01:21:02.690 because I think that's something

1607 01:21:02.690 --> 01:21:05.600 that is overlooked sometimes is that data aggregation

1608 01:21:05.600 --> 01:21:10.170 or desegregation can hide or highlight equity issues,

1609 01:21:10.170 --> 01:21:12.790 and I think that that's really what the team that I was on

1610 01:21:12.790 --> 01:21:16.100 was specifically trying to do was to disaggregate data

1611 01:21:16.100 --> 01:21:17.430 in a way that really allowed you

1612 01:21:17.430 --> 01:21:20.560 to look at like who is most vulnerable.

1613 01:21:20.560 --> 01:21:21.970 For example, I brought up earlier

1614 01:21:21.970 --> 01:21:25.260 like linguistically-isolated populations by census tract.

1615 01:21:25.260 --> 01:21:26.093 So if you're trying

1616 01:21:26.093 --> 01:21:28.850 to implement like fire safety in a region,

1617 01:21:28.850 --> 01:21:32.310 but there's an entire like census tract

1618 01:21:32.310 --> 01:21:35.550 that where like households don't have someone

1619 01:21:35.550 --> 01:21:39.690 who speaks English and like at a certain grade level,

1620 01:21:39.690 --> 01:21:42.700 then they might not be able to read

1621 01:21:42.700 --> 01:21:45.080 or understand the materials that you're distributing.

1622 01:21:45.080 --> 01:21:46.940 And so that's something that's really critical

1623 01:21:46.940 --> 01:21:49.980 for the people who are doing work in that area to know.

1624 01:21:49.980 --> 01:21:52.280 And that's something that if you just looked

1625 01:21:52.280 --> 01:21:54.790 at like linguistically-isolated populations

1626 01:21:54.790 --> 01:21:56.920 in all California, you wouldn't know.

1627 01:21:56.920 --> 01:22:00.060 And so I think that we really aim

1628 01:22:00.060 --> 01:22:01.750 to provide that desegregated data

1629 01:22:01.750 --> 01:22:03.870 that allowed communities to make decisions

1630 01:22:03.870 --> 01:22:07.530 based on the information in their region

1631 01:22:07.530 --> 01:22:10.210 and in their community, done to a pretty narrow level.

1632 01:22:10.210 --> 01:22:14.960 So I think that that's how my work contributed

1633 01:22:14.960 --> 01:22:16.663 to community decision-making.

1634 01:22:23.100 --> 01:22:25.180 <v ->I can say for the New Haven City Plan Department,</v>

1635 01:22:25.180 --> 01:22:26.730 I think what I saw more this summer

1636 01:22:26.730 --> 01:22:30.100 was less on the side of building new policy or plans

1637 01:22:30.100 --> 01:22:31.660 since that's such a long time scale.

1638 01:22:31.660 --> 01:22:34.820 Again, like the plan department, for the most part,

1639 01:22:34.820 --> 01:22:38.220 with the exception of like approving some zoning things

1640 01:22:38.220 --> 01:22:41.690 is operating on like a 20 or 30 plus year timescale.

1641 01:22:41.690 --> 01:22:43.980 So like the vision that you saw of Long Wharf

1642 01:22:43.980 --> 01:22:46.240 is absolutely beautiful and amazing and so exciting,

1643 01:22:46.240 --> 01:22:48.650 but that will not be manifesting for a long time.

1644 01:22:48.650 --> 01:22:53.480 But I think just as important as the creation of policy

1645 01:22:53.480 --> 01:22:55.460 or plans is the implementation of it.

1646 01:22:55.460 --> 01:22:58.270 And so now, as we're kind of past that bridge of, you know,

1647 01:22:58.270 --> 01:22:59.460 they've developed the plan,

1648 01:22:59.460 --> 01:23:02.730 making sure that we're constantly keeping in check

1649 01:23:02.730 --> 01:23:05.330 how times have changed,

1650 01:23:05.330 --> 01:23:07.690 I mean, the plan was only like drafted

1651 01:23:07.690 --> 01:23:09.350 and finalized a couple of years ago,

1652 01:23:09.350 --> 01:23:11.900 but all of New Haven's priorities

1653 01:23:11.900 --> 01:23:13.980 situate everything has changed.

1654 01:23:13.980 --> 01:23:15.550 So doing that constant

1655 01:23:15.550 --> 01:23:18.220 like iterative process of reassessing

1656 01:23:18.220 --> 01:23:19.900 and then thinking about what are the new needs

1657 01:23:19.900 --> 01:23:22.150 that have popped up and as we're implementing it,

1658 01:23:22.150 --> 01:23:24.650 is this feeling like can we go back to the drawing board?

1659 01:23:24.650 --> 01:23:26.683 It's just like the reiterative process,

1660 01:23:27.630 --> 01:23:29.400 and I definitely think that like data,

1661 01:23:29.400 --> 01:23:31.660 whether it be lived experiences or from the census tracts

1662 01:23:31.660 --> 01:23:33.560 or stuff that we're getting from DataHaven

1663 01:23:33.560 --> 01:23:36.850 or from the city of New Haven GIS system,

1664 01:23:36.850 --> 01:23:39.460 all of that is really important and critical

1665 01:23:40.350 --> 01:23:41.333 in that assessment.

1666 01:23:45.180 --> 01:23:46.480 <v ->Great.</v>

1667 01:23:46.480 --> 01:23:50.370 So I think I'm gonna leave the last five minutes

1668 01:23:50.370 --> 01:23:53.370 for any audience questions.

1669 01:23:53.370 --> 01:23:55.770 So thank you, panel three,

1670 01:23:55.770 --> 01:23:59.429 and maybe just give kind of the virtual thank you applause

1671 01:23:59.429 --> 01:24:03.233 to all the panels and all of our great interns.

1672 01:24:03.233 --> 01:24:04.220 (Laura clapping)

1673 01:24:04.220 --> 01:24:07.543 I'll give a loud applause since I have the microphone,

1674 01:24:08.790 --> 01:24:09.960 and open it up for questions.

1675 01:24:09.960 --> 01:24:11.430 I don't see any in the chat,

1676 01:24:11.430 --> 01:24:15.310 but would welcome anyone to raise their hand

1677 01:24:15.310 --> 01:24:20.310 and jump in or add it into the chat.

1678 01:24:42.510 --> 01:24:43.343 Anybody?

1679 01:24:46.340 --> 01:24:47.880 <v ->You've got one in the chat</v>

1680 01:24:47.880 --> 01:24:49.880 about tips for securing your internship.

1681 01:24:51.100 --> 01:24:55.780 <v ->Oh, that's a good one.</v>

1682 01:24:55.780 --> 01:24:57.480 Well, it's a good plug

1683 01:24:57.480 --> 01:25:00.320 for our climate change and health internship program.

1684 01:25:00.320 --> 01:25:01.340 So one thing that we actually...

1685 01:25:01.340 --> 01:25:03.310 One of the reasons that we built out this program

1686 01:25:03.310 --> 01:25:05.260 was that we realized that climate change and health

1687 01:25:05.260 --> 01:25:09.500 is a fairly new field, and that sometimes it's hard

1688 01:25:09.500 --> 01:25:11.270 for students to find those projects.

1689 01:25:11.270 --> 01:25:15.080 So we've worked with partners

1690 01:25:15.080 --> 01:25:16.720 of the Yale Center on Climate Change and Health

1691 01:25:16.720 --> 01:25:19.656 and others in our network to identify these projects,

1692 01:25:19.656 --> 01:25:24.656 and then we make them eligible now to all MPH students,

1693 01:25:25.020 --> 01:25:26.720 environmental studies majors students,

1694 01:25:26.720 --> 01:25:27.720 and our Yale Center

1695 01:25:27.720 --> 01:25:29.700 on Climate Change and Health student associates

1696 01:25:29.700 --> 01:25:33.290 who then apply and go through kind of a matching process.

1697 01:25:33.290 --> 01:25:37.850 So that's one strategy is to work through our process.

1698 01:25:37.850 --> 01:25:41.420 But if others have other advice

1699 01:25:41.420 --> 01:25:44.930 for securing them through kind of traditional means,

1700 01:25:44.930 --> 01:25:46.430 that'd be great to talk about.

1701 01:25:49.940 --> 01:25:52.110 <v ->I feel like no one wants to hear this,</v>

1702 01:25:52.110 --> 01:25:53.870 but networking is your friend,

1703 01:25:53.870 --> 01:25:56.300 and I would count this as networking.

1704 01:25:56.300 --> 01:25:57.900 Like being a student associate last year

1705 01:25:57.900 --> 01:26:00.200 is how I heard about this program,

1706 01:26:00.200 --> 01:26:02.970 and I doubt that I would have been able to find something

1707 01:26:02.970 --> 01:26:04.710 that was as tailored to what I wanted to do

1708 01:26:04.710 --> 01:26:08.620 if I didn't kind of have an existing network here at Yale

1709 01:26:08.620 --> 01:26:11.880 and the people that I know who found internships

1710 01:26:11.880 --> 01:26:14.170 that were more tailored to their wants and needs,

1711 01:26:14.170 --> 01:26:16.510 but most typically through advisers

1712 01:26:16.510 --> 01:26:18.540 or co-workers or other things like that.

1713 01:26:18.540 --> 01:26:21.490 So there's a lot on indeed and stuff like that,

1714 01:26:21.490 --> 01:26:23.990 but I think it tends

1715 01:26:23.990 --> 01:26:25.680 to be more successful and more interesting

1716 01:26:25.680 --> 01:26:27.830 if you find something through someone else.

1717 01:26:32.130 --> 01:26:34.220 <v ->Yeah, I was in the clinic</v>

1718 01:26:34.220 --> 01:26:38.200 for climate justice in public health last spring

1719 01:26:38.200 --> 01:26:42.390 and that's how I heard about this internship.

1720 01:26:42.390 --> 01:26:46.473 So agreed on the networking and finding connections.

1721 01:26:47.610 --> 01:26:50.210 <v ->I will just second that course</v>

1722 01:26:50.210 --> 01:26:53.440 for anybody who has not heard of it yet.

1723 01:26:53.440 --> 01:26:55.850 I'm sure that most of you have

1724 01:26:55.850 --> 01:26:57.610 and many of you probably are in it right now,

1725 01:26:57.610 --> 01:27:00.730 but it's an amazing, amazing course,

1726 01:27:00.730 --> 01:27:04.440 and ended up actually really giving me kind of the framework

1727 01:27:04.440 --> 01:27:06.610 for what I would want to do

1728 01:27:06.610 --> 01:27:11.350 with like most of my or the next few years, I guess.

1729 01:27:11.350 --> 01:27:13.340 I had never heard of environmental justice mapping

1730 01:27:13.340 --> 01:27:14.200 before that class,

1731 01:27:14.200 --> 01:27:17.230 and now that's like what I am running my senior essay on

1732 01:27:17.230 --> 01:27:20.650 and what I spent the summer working on and last summer too.

1733 01:27:20.650 --> 01:27:23.293 So would highly recommend that course.

1734 01:27:28.330 --> 01:27:29.483 <v ->Thanks. Great.</v>

1735 01:27:31.160 --> 01:27:35.210 Well, I think we'll call it a night.

1736 01:27:35.210 --> 01:27:39.460 Thanks again to everybody for your great presentations,

1737 01:27:39.460 --> 01:27:44.460 and I look forward to chances to see you in person sometime

1738 01:27:45.480 --> 01:27:46.313 and learn more about it,

1739 01:27:46.313 --> 01:27:50.170 and I hope that others do that as well.

1740 01:27:50.170 --> 01:27:52.100 If you heard of something that you were interested in

1741 01:27:52.100 --> 01:27:53.398 and you want to learn more,

1742 01:27:53.398 --> 01:27:56.023 then reach out to your colleague here.

1743 01:27:56.900 --> 01:27:59.363 So thanks everybody and have a great night.