

1
00:00:06,000 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,119 --> 00:00:13,699
from Australia for science and reason

3
00:00:23,309 --> 00:00:29,969
hello and welcome to the skeptic zone

4
00:00:26,140 --> 00:00:32,799
episode number 341 for the third of may

5
00:00:29,969 --> 00:00:35,049
2015 Richard Saunders here with you from

6
00:00:32,799 --> 00:00:37,419
Sydney Australia coming up on this

7
00:00:35,049 --> 00:00:40,030
week's show we have a special guest

8
00:00:37,420 --> 00:00:42,550
reporter josh godby who's a committee

9
00:00:40,030 --> 00:00:45,698
member of Australian skeptics I here in

10
00:00:42,549 --> 00:00:47,919
Sydney Wow lucky man he went to QED in

11
00:00:45,698 --> 00:00:49,839
Manchester he went to the wonderful

12
00:00:47,920 --> 00:00:51,519
conference there I've been a couple of

13
00:00:49,840 --> 00:00:55,299
times myself I always have a good time

14
00:00:51,518 --> 00:00:56,859
and he catches up with our good friend

15
00:00:55,298 --> 00:00:58,238
Michael Marshall they're going to be

16
00:00:56,859 --> 00:01:00,670
discussing what it's like to run a

17
00:00:58,238 --> 00:01:04,599
conference like QED and how it went and

18
00:01:00,670 --> 00:01:07,750
also the latest on the situation in the

19
00:01:04,599 --> 00:01:10,899
UK with homeopathy all the old chestnut

20
00:01:07,750 --> 00:01:14,019
of homeopathy talk about an unsinkable

21
00:01:10,900 --> 00:01:15,520
rubber duck homeopathy is certainly one

22
00:01:14,019 --> 00:01:18,340
of those no matter how many times we

23
00:01:15,519 --> 00:01:20,379
push it under the water it pops back up

24
00:01:18,340 --> 00:01:21,609
again following that it's a week in

25
00:01:20,379 --> 00:01:23,489
science from our good friends at the

26
00:01:21,609 --> 00:01:27,129
Royal Institution of Australia and

27
00:01:23,489 --> 00:01:31,689
outfit worthy of your support check it

28
00:01:27,129 --> 00:01:33,609
out w WR ia us Augie you then Joe

29

00:01:31,689 --> 00:01:35,349
alabaster with evidence please Joe's

30
00:01:33,609 --> 00:01:37,510
going to be looking at our very sad

31
00:01:35,349 --> 00:01:40,049
situation that happened last week here

32
00:01:37,510 --> 00:01:44,109
in Australia with a young boy dying and

33
00:01:40,049 --> 00:01:47,319
the the fear is that his parents took

34
00:01:44,109 --> 00:01:50,319
him off real medication and were trying

35
00:01:47,319 --> 00:01:53,500
some pretty outlandish and frankly

36
00:01:50,319 --> 00:01:56,289
bizarre alternative therapies either

37
00:01:53,500 --> 00:02:00,010
what was it something like slapping

38
00:01:56,290 --> 00:02:03,430
therapy slapping to create bruises yes

39
00:02:00,010 --> 00:02:05,800
that'll cure your diseases and not a

40
00:02:03,430 --> 00:02:08,080
good story not a happy story but one we

41
00:02:05,799 --> 00:02:10,359
should report on then to round off the

42
00:02:08,080 --> 00:02:12,819
show i chat to a good friend of mine

43
00:02:10,360 --> 00:02:14,590

Alison Gaylord from the northern rivers

44

00:02:12,818 --> 00:02:16,568
area Alison and highly and a lot of

45

00:02:14,590 --> 00:02:20,039
people came into Sydney just last week

46

00:02:16,568 --> 00:02:22,479
to attend a one-day conference on

47

00:02:20,039 --> 00:02:24,939
immunization and I went along to I

48

00:02:22,479 --> 00:02:27,219
interview some people on the spot learnt

49

00:02:24,939 --> 00:02:29,079
a lot learnt a lot on the day had a lot

50

00:02:27,219 --> 00:02:31,629
of good speakers chair it to a lot of

51

00:02:29,080 --> 00:02:33,670
good people and we'll be talking about

52

00:02:31,629 --> 00:02:34,750
that at the end of the show Alison

53

00:02:33,669 --> 00:02:36,789
Gaylord

54

00:02:34,750 --> 00:02:38,409
me all the way from Milan mini which i

55

00:02:36,789 --> 00:02:40,810
think is probably underwater at the

56

00:02:38,409 --> 00:02:42,939
moment because I've had a huge amount of

57

00:02:40,810 --> 00:02:44,830
rain and as I look out the window here

58
00:02:42,939 --> 00:02:47,620
in Sydney Australia it's cloudy and wet

59
00:02:44,830 --> 00:02:49,930
and rainy big shout-out to Daphne

60
00:02:47,620 --> 00:02:52,150
alabaster who had her birthday just the

61
00:02:49,930 --> 00:02:54,599
other week and I went up to the Blue

62
00:02:52,150 --> 00:02:57,039
Mountains and took part in to her

63
00:02:54,599 --> 00:03:00,449
birthday celebrations happy birthday

64
00:02:57,039 --> 00:03:03,819
Daphne I loved that cake and

65
00:03:00,449 --> 00:03:06,519
congratulations to our minbar Stanny who

66
00:03:03,819 --> 00:03:10,329
is the winner of the competition we had

67
00:03:06,520 --> 00:03:12,100
from last week the book you win the book

68
00:03:10,330 --> 00:03:14,230
from New Scientist question everything

69
00:03:12,099 --> 00:03:16,150
now that was a Facebook competition we

70
00:03:14,229 --> 00:03:17,979
were running and we invited people to

71
00:03:16,150 --> 00:03:21,789
post an interesting question that they

72
00:03:17,979 --> 00:03:24,759
would like science to answer we had some

73
00:03:21,789 --> 00:03:27,280
very very good entries there somebody

74
00:03:24,759 --> 00:03:29,859
wrote is there an expected date where

75
00:03:27,280 --> 00:03:31,689
the universe will end or will it just

76
00:03:29,860 --> 00:03:34,450
keep going forever that's a good

77
00:03:31,689 --> 00:03:36,609
question somebody asked how is it that

78
00:03:34,449 --> 00:03:39,488
there is hair on your arms legs and face

79
00:03:36,610 --> 00:03:41,920
my brows that grows to a certain length

80
00:03:39,489 --> 00:03:45,099
in stops by the hair on your head and

81
00:03:41,919 --> 00:03:47,679
chin keep growing hmm somebody else

82
00:03:45,099 --> 00:03:50,680
asked the Sun is about halfway through

83
00:03:47,680 --> 00:03:52,330
its life before it dies it will expand

84
00:03:50,680 --> 00:03:55,450
and take out Mercury Venus and perhaps

85
00:03:52,330 --> 00:03:58,209
earth but how long will it be before the

86

00:03:55,449 --> 00:04:00,879
Sun becomes too hot for life to exist on

87
00:03:58,209 --> 00:04:03,219
earth well a long time to come yet I

88
00:04:00,879 --> 00:04:06,009
hope thank you to all those people but

89
00:04:03,219 --> 00:04:09,090
the winning entry was a very simple

90
00:04:06,009 --> 00:04:11,500
sentence does language limit our

91
00:04:09,090 --> 00:04:13,509
understanding of science what an

92
00:04:11,500 --> 00:04:15,280
interesting question what an interesting

93
00:04:13,509 --> 00:04:17,798
question because people who speak other

94
00:04:15,280 --> 00:04:21,360
languages or two or three languages do

95
00:04:17,798 --> 00:04:23,519
they have a greater understanding or not

96
00:04:21,360 --> 00:04:26,800
that's something worth pondering

97
00:04:23,519 --> 00:04:29,439
congratulations I'm in and will organize

98
00:04:26,800 --> 00:04:31,418
that book to you but now it's time for

99
00:04:29,439 --> 00:04:33,910
me to run downstairs open the fridge and

100
00:04:31,418 --> 00:04:37,029

see if I haven't got a cup of leftover

101

00:04:33,910 --> 00:04:39,280

crumbs from the lovely rainbow birthday

102

00:04:37,029 --> 00:04:41,529

cake the joe alabaster made for Daphne

103

00:04:39,279 --> 00:04:43,418

her daughter wow what a great cake it

104

00:04:41,529 --> 00:04:46,269

was and the rainbow cookies we had to

105

00:04:43,418 --> 00:04:47,649

and I had a cup of rainbow jelly or

106

00:04:46,269 --> 00:04:48,549

jello as they say in the United States

107

00:04:47,649 --> 00:04:53,019

with whip

108

00:04:48,550 --> 00:04:56,139

cream on top and rainbow popcorn yes it

109

00:04:53,019 --> 00:04:58,779

was a very rainbow themed party well I

110

00:04:56,139 --> 00:05:00,990

do that I hope you enjoy the skeptic

111

00:04:58,779 --> 00:05:00,989

zone

112

00:05:14,939 --> 00:05:22,300

and now join our special guest reporter

113

00:05:19,060 --> 00:05:31,839

josh god be from australian skeptics as

114

00:05:22,300 --> 00:05:33,520

he chats to Michael Marshall so I'm here

115
00:05:31,839 --> 00:05:36,099
with Michael marshal of the Merseyside

116
00:05:33,519 --> 00:05:39,129
skeptics one of the organizers and

117
00:05:36,100 --> 00:05:41,650
speakers of this year's qad how are you

118
00:05:39,129 --> 00:05:43,920
traveling with what I'm sure well after

119
00:05:41,649 --> 00:05:46,419
what I'm sure was a very hectic weekend

120
00:05:43,920 --> 00:05:48,220
yeah I'm absolutely knackered but is

121
00:05:46,420 --> 00:05:49,840
this whole week of interest i'll keep it

122
00:05:48,220 --> 00:05:51,430
together cuz i think i absolutely love

123
00:05:49,839 --> 00:05:52,539
doing conferences you know it's really

124
00:05:51,430 --> 00:05:54,790
good fun than you know cuz you've done

125
00:05:52,540 --> 00:05:56,290
the the Aussie skeptics yes the whole

126
00:05:54,790 --> 00:05:58,090
weekend's a massive Matt fernet but

127
00:05:56,290 --> 00:05:59,439
you're on your feet from like seven in

128
00:05:58,089 --> 00:06:01,359
the morning till about two in the

129
00:05:59,439 --> 00:06:03,100
morning for like four days straight and

130
00:06:01,360 --> 00:06:05,259
then afterwards you haul Bryn is just

131
00:06:03,100 --> 00:06:06,640
broken and that's the position that I'm

132
00:06:05,259 --> 00:06:08,860
in now I'm think I'm starting to get my

133
00:06:06,639 --> 00:06:10,329
brain back this this week really but

134
00:06:08,860 --> 00:06:12,460
yeah it was a huge my phone so you came

135
00:06:10,329 --> 00:06:14,079
all the way from Australia for it yeah

136
00:06:12,459 --> 00:06:15,879
well it's you know it's one of those

137
00:06:14,079 --> 00:06:20,050
things it's you know you've got a

138
00:06:15,879 --> 00:06:22,209
reciprocate and also spy on things that

139
00:06:20,050 --> 00:06:24,100
we're doing well of course I mean you

140
00:06:22,209 --> 00:06:26,859
know when something works you want to

141
00:06:24,100 --> 00:06:28,629
steal it I hope you enjoyed it as well

142
00:06:26,860 --> 00:06:29,949
that it was Evan seems to have kind of

143

00:06:28,629 --> 00:06:32,620
enjoyed the whole conference I think

144
00:06:29,949 --> 00:06:35,920
yeah the vibe was was really quite good

145
00:06:32,620 --> 00:06:37,840
you know it's it was really helpful like

146
00:06:35,920 --> 00:06:41,590
one of the things I guess we'll learn

147
00:06:37,839 --> 00:06:45,339
for hours and futures have a bar very

148
00:06:41,589 --> 00:06:47,219
close by it is like the it makes the

149
00:06:45,339 --> 00:06:49,599
vibe that that much more positive

150
00:06:47,220 --> 00:06:51,040
webkinz just sit around and well we

151
00:06:49,600 --> 00:06:52,150
found that what tends to happen is

152
00:06:51,040 --> 00:06:53,830
especially people who've been to a lot

153
00:06:52,149 --> 00:06:55,359
of Quds will start ducking out a talk

154
00:06:53,829 --> 00:06:56,740
just so they can sit and kind of like

155
00:06:55,360 --> 00:06:58,540
chat and have a drink and sort of

156
00:06:56,740 --> 00:06:59,530
relaxed you in the day and really I

157
00:06:58,540 --> 00:07:01,390

think that's what we were trying to do

158

00:06:59,529 --> 00:07:03,159

with QD that the speakers I mean the

159

00:07:01,389 --> 00:07:05,680

speakers are always great fun and really

160

00:07:03,160 --> 00:07:07,600

interesting but they're really an excuse

161

00:07:05,680 --> 00:07:10,000

to get everyone together and then once

162

00:07:07,600 --> 00:07:12,520

you go in together what I'm really

163

00:07:10,000 --> 00:07:14,439

really hoping happens is that we get 556

164

00:07:12,519 --> 00:07:15,639

and people together at QED and not see

165

00:07:14,439 --> 00:07:17,199

some interesting talks but then they'll

166

00:07:15,639 --> 00:07:18,889

sit down and have a drink and maybe some

167

00:07:17,199 --> 00:07:20,990

ideals will start forming or the real

168

00:07:18,889 --> 00:07:22,340

that I've got this one piece of this

169

00:07:20,990 --> 00:07:23,780

issue you've got the other piece of it

170

00:07:22,339 --> 00:07:25,549

we can now start to see what's going on

171

00:07:23,779 --> 00:07:27,408

so it's a reason to bring skeptics

172
00:07:25,550 --> 00:07:29,060
together and say that we're all part of

173
00:07:27,408 --> 00:07:30,740
the same thing and yet that the speakers

174
00:07:29,060 --> 00:07:32,538
are all huge fun but for me that's kind

175
00:07:30,740 --> 00:07:35,120
of its not secondary but it's a

176
00:07:32,538 --> 00:07:38,209
certainly kind of two parallel competing

177
00:07:35,120 --> 00:07:40,009
interesting so I guess related to that

178
00:07:38,209 --> 00:07:43,098
some of the talk on the weekend was

179
00:07:40,009 --> 00:07:46,098
about incorporating the the bar area

180
00:07:43,098 --> 00:07:47,300
into it by live streaming or anything

181
00:07:46,098 --> 00:07:49,788
like that is that something you've guys

182
00:07:47,300 --> 00:07:52,579
have thought of um yeah we thought a bit

183
00:07:49,788 --> 00:07:54,199
but the thing is that means that when

184
00:07:52,579 --> 00:07:55,459
you're in the bar and you get to see all

185
00:07:54,199 --> 00:07:57,348
the talks while stay in the bar that's

186
00:07:55,459 --> 00:07:59,688
great but what it means the flip side is

187
00:07:57,348 --> 00:08:01,370
that the speaker doesn't get an audience

188
00:07:59,689 --> 00:08:02,479
because you end up going in front of a

189
00:08:01,370 --> 00:08:04,189
massive room that could accommodate

190
00:08:02,478 --> 00:08:05,538
everyone but everyone start well it's

191
00:08:04,189 --> 00:08:07,009
fine i'll just call next door and sit in

192
00:08:05,538 --> 00:08:09,228
a bar and see it so it's really really

193
00:08:07,009 --> 00:08:11,900
important to us that you keep that that

194
00:08:09,228 --> 00:08:13,128
audience together and it's why we don't

195
00:08:11,899 --> 00:08:14,929
lie dream the event to people who can't

196
00:08:13,129 --> 00:08:16,310
make it we record the talks we put them

197
00:08:14,930 --> 00:08:18,978
out a bit afterwards could we want to

198
00:08:16,310 --> 00:08:20,060
say of being at QUT itself is this value

199
00:08:18,978 --> 00:08:22,098
you know and you want to sort of keep

200

00:08:20,060 --> 00:08:23,240
that kind of value there so yeah I don't

201
00:08:22,098 --> 00:08:25,579
have a quite gonna move to a point where

202
00:08:23,240 --> 00:08:27,588
you can sit sit in your hotel room and

203
00:08:25,579 --> 00:08:28,848
still be at the Huy do we want to

204
00:08:27,588 --> 00:08:30,348
actually get people out of bed and get

205
00:08:28,848 --> 00:08:32,000
people actually there I think it's what

206
00:08:30,348 --> 00:08:35,059
kind of methods really so you did a talk

207
00:08:32,000 --> 00:08:38,328
on the Sunday morning after a very light

208
00:08:35,059 --> 00:08:40,819
Saturday not Sunday morning is in a vein

209
00:08:38,328 --> 00:08:43,429
um so you talk was on the status of

210
00:08:40,820 --> 00:08:45,379
homeopathy in the UK um what can you

211
00:08:43,429 --> 00:08:47,809
tell me about that yeah I mean it was it

212
00:08:45,379 --> 00:08:50,028
was really nice to open QD talking about

213
00:08:47,809 --> 00:08:52,729
homeopathy on the sunday because the

214
00:08:50,028 --> 00:08:54,259

first q you did I opened talking about

215

00:08:52,730 --> 00:08:56,089

the homeopathy that was the fur that was

216

00:08:54,259 --> 00:08:57,319

the second 1023 company in the the

217

00:08:56,089 --> 00:08:59,240

International or the doors which

218

00:08:57,320 --> 00:09:01,519

obviously Australia was a big part of

219

00:08:59,240 --> 00:09:03,230

and Paul Willis was even in Antarctica

220

00:09:01,519 --> 00:09:06,289

putting a dot on the map which I told

221

00:09:03,230 --> 00:09:07,550

her all the time but ever since then for

222

00:09:06,289 --> 00:09:09,528

the last five years I've been talking

223

00:09:07,549 --> 00:09:11,208

about the the talks that have been given

224

00:09:09,528 --> 00:09:13,399

a kind of cool minute of the 10 23 camp

225

00:09:11,208 --> 00:09:15,799

in so I thought to be really interesting

226

00:09:13,399 --> 00:09:17,750

to do a talk that started with 10 23 and

227

00:09:15,799 --> 00:09:19,578

looks at the last five years of kind of

228

00:09:17,750 --> 00:09:20,958

homeopathy activism and an in particular

229

00:09:19,578 --> 00:09:22,849
the last year because it's something

230

00:09:20,958 --> 00:09:24,528
with good thinking society the charity

231

00:09:22,850 --> 00:09:26,300
that I work for it's something we've

232

00:09:24,528 --> 00:09:28,338
really been focusing on since I started

233

00:09:26,299 --> 00:09:30,708
working for them just over a year ago

234

00:09:28,339 --> 00:09:31,730
this was kind of a big folks of hours of

235

00:09:30,708 --> 00:09:32,919
what can we do to first of all

236

00:09:31,730 --> 00:09:35,300
understand

237

00:09:32,919 --> 00:09:37,339
what's going on in homeopathy in the UK

238

00:09:35,299 --> 00:09:38,809
how much money we spending and that was

239

00:09:37,340 --> 00:09:40,250
it it seems like a simple question how

240

00:09:38,809 --> 00:09:41,869
much money does the UK come and spend on

241

00:09:40,250 --> 00:09:43,519
homeopathy it turns out to a really

242

00:09:41,870 --> 00:09:45,529
complicated question you got to ask

243
00:09:43,519 --> 00:09:47,360
every different region of the country

244
00:09:45,529 --> 00:09:49,519
and even though we're a tiny country

245
00:09:47,360 --> 00:09:51,350
compared to Australia we split into two

246
00:09:49,519 --> 00:09:54,079
hundred eleven different regions and sub

247
00:09:51,350 --> 00:09:57,080
regions and all sorts of things and none

248
00:09:54,080 --> 00:09:58,160
of them have any singular oversight so

249
00:09:57,080 --> 00:10:00,050
nobody knows what anyone else is doing

250
00:09:58,159 --> 00:10:02,089
and there's no one department of health

251
00:10:00,049 --> 00:10:03,469
that says that well there is a

252
00:10:02,090 --> 00:10:04,879
department health but they don't look at

253
00:10:03,470 --> 00:10:07,160
the spends everywhere and they don't

254
00:10:04,879 --> 00:10:08,870
sort of see what's being commissioned at

255
00:10:07,159 --> 00:10:09,980
a national level so the only way to know

256
00:10:08,870 --> 00:10:11,480
that figures you got to ask everyone

257

00:10:09,980 --> 00:10:12,980
individually and kill it those figures

258
00:10:11,480 --> 00:10:14,659
and then hope that they've all

259
00:10:12,980 --> 00:10:16,460
interpreted you question the right way

260
00:10:14,659 --> 00:10:19,009
and so I spent about three or four

261
00:10:16,460 --> 00:10:20,269
months really going at the depths of how

262
00:10:19,009 --> 00:10:21,590
to get these figures together and I

263
00:10:20,269 --> 00:10:22,730
think I've got a reason handle that's

264
00:10:21,590 --> 00:10:24,560
one of the things that assured was kind

265
00:10:22,730 --> 00:10:26,090
of here's a map of the UK and when we

266
00:10:24,559 --> 00:10:28,250
talk about homeopathy being funded on

267
00:10:26,090 --> 00:10:29,300
the UK you look at the map and it's

268
00:10:28,250 --> 00:10:32,240
pretty clear that we don't fund

269
00:10:29,299 --> 00:10:35,659
homeopathy in the UK we fund it in about

270
00:10:32,240 --> 00:10:38,000
four small areas to about fifteen

271
00:10:35,659 --> 00:10:39,649

percent of areas of the country actually

272

00:10:38,000 --> 00:10:41,149

fund it and the rest don't so we're

273

00:10:39,649 --> 00:10:43,159

already eighty five percent clear of

274

00:10:41,149 --> 00:10:44,629

homeopathy and we're just now trying to

275

00:10:43,159 --> 00:10:46,549

sort of dislodge that extra fifteen

276

00:10:44,629 --> 00:10:48,559

percent which is kind of what the rest

277

00:10:46,549 --> 00:10:50,329

of our kind of campaign our activism has

278

00:10:48,559 --> 00:10:52,429

been all about going on that fifteen

279

00:10:50,330 --> 00:10:54,650

percent you part of you or your

280

00:10:52,429 --> 00:10:56,509

presentation show just how much is

281

00:10:54,649 --> 00:11:00,350

actually being spent on just that

282

00:10:56,509 --> 00:11:02,360

fifteen percent you know how much is

283

00:11:00,350 --> 00:11:04,790

being spent yeah well I mean again it's

284

00:11:02,360 --> 00:11:07,159

a tricky thing to be sure about so we

285

00:11:04,789 --> 00:11:09,230

know that olimpo where I live in the

286
00:11:07,159 --> 00:11:11,269
surrounding areas it's about 60,000

287
00:11:09,230 --> 00:11:14,090
pounds ago which is it's a it's a bit

288
00:11:11,269 --> 00:11:16,789
it's not huge but it's still annoying in

289
00:11:14,090 --> 00:11:18,500
Newcastle it's 250 pounds ago which is

290
00:11:16,789 --> 00:11:21,409
nothing then one part Newcastle spent

291
00:11:18,500 --> 00:11:22,700
three pounds 27 a year on homeopathy and

292
00:11:21,409 --> 00:11:25,100
I pointed out my presentation that I

293
00:11:22,700 --> 00:11:27,080
spent more than that every single yarn I

294
00:11:25,100 --> 00:11:28,100
know that it's nonsense so that's not

295
00:11:27,080 --> 00:11:30,200
the worst thing but then you go down to

296
00:11:28,100 --> 00:11:32,570
Bristol the Bristol area they spent

297
00:11:30,200 --> 00:11:34,850
quarter million pounds ER he got to

298
00:11:32,570 --> 00:11:37,129
Glasgow and that's somewhere between 1.3

299
00:11:34,850 --> 00:11:39,200
and 1.7 million pounds ago and then you

300
00:11:37,129 --> 00:11:41,689
get to London and we have no idea

301
00:11:39,200 --> 00:11:43,759
because no matter who I asked involved

302
00:11:41,690 --> 00:11:45,740
in the the chain of supplying homeopathy

303
00:11:43,759 --> 00:11:47,269
from the NHS to

304
00:11:45,740 --> 00:11:49,879
the homeopathic hospital which we have

305
00:11:47,269 --> 00:11:51,649
to the supplies everybody you ask this

306
00:11:49,879 --> 00:11:52,909
it we don't have those figures we can't

307
00:11:51,649 --> 00:11:54,769
know those figures those figures are

308
00:11:52,909 --> 00:11:57,049
essentially unknowable so there's this

309
00:11:54,769 --> 00:11:58,819
big black hole in our figures so we've

310
00:11:57,049 --> 00:12:01,819
managed to get to at least two million

311
00:11:58,820 --> 00:12:03,530
pounds ago but it could be upwards to at

312
00:12:01,820 --> 00:12:05,480
an estimate maybe five million pounds

313
00:12:03,529 --> 00:12:06,829
ago as far as i can tell them we're

314

00:12:05,480 --> 00:12:08,300
still trying to get those figures out of

315
00:12:06,830 --> 00:12:10,129
London right now and hopefully you'll

316
00:12:08,299 --> 00:12:12,199
get somewhere as we keep putting

317
00:12:10,129 --> 00:12:16,070
pressure on really yes I guess for our

318
00:12:12,200 --> 00:12:18,140
far Ozzy listeners that's anywhere

319
00:12:16,070 --> 00:12:20,600
between about 10 and 15 million

320
00:12:18,139 --> 00:12:24,110
australian dollars yeah well between sup

321
00:12:20,600 --> 00:12:26,629
maybe five and ten I guess yeah five

322
00:12:24,110 --> 00:12:27,860
intense off so 225 we go 5 to 10 ish

323
00:12:26,629 --> 00:12:30,740
something like that it's one of those

324
00:12:27,860 --> 00:12:32,000
things I kind of conversion rich it's

325
00:12:30,740 --> 00:12:33,769
far too much I mean this is a figure

326
00:12:32,000 --> 00:12:36,200
that so if you look even at Newcastle

327
00:12:33,769 --> 00:12:38,269
250 pounds a year nothing at all but the

328
00:12:36,200 --> 00:12:39,500

problem is it's not just the actual

329

00:12:38,269 --> 00:12:41,269
value and the actual value is not

330

00:12:39,500 --> 00:12:42,769
insignificant between two and five

331

00:12:41,269 --> 00:12:44,240
million pounds a year for and 10 million

332

00:12:42,769 --> 00:12:46,009
dollars a year that's money that could

333

00:12:44,240 --> 00:12:47,990
be spent on something better you know on

334

00:12:46,009 --> 00:12:50,000
making sure that we have shorter waiting

335

00:12:47,990 --> 00:12:51,740
lists and we got repair nurses better

336

00:12:50,000 --> 00:12:53,779
are we that there are people who we've

337

00:12:51,740 --> 00:12:56,509
heard from who've had treatments turned

338

00:12:53,779 --> 00:12:57,860
down for budgetary reasons every one of

339

00:12:56,509 --> 00:12:59,539
those people can point to the spend and

340

00:12:57,860 --> 00:13:01,159
homeopathy and say well what's that all

341

00:12:59,539 --> 00:13:03,349
about you know I've been I'm not allowed

342

00:13:01,159 --> 00:13:05,959
this thing that the doctor said I would

343
00:13:03,350 --> 00:13:07,460
could use but I can't have it because

344
00:13:05,960 --> 00:13:09,259
they have got the money and yet we're

345
00:13:07,460 --> 00:13:10,940
throwing money at sugar pills that we

346
00:13:09,259 --> 00:13:12,620
know full well doesn't do anything that

347
00:13:10,940 --> 00:13:15,050
the government has commissioned a report

348
00:13:12,620 --> 00:13:17,509
in 2010 that came up the conclusion that

349
00:13:15,049 --> 00:13:19,069
it does nothing obviously your yoga room

350
00:13:17,509 --> 00:13:21,860
has come with incredibly comprehensive

351
00:13:19,070 --> 00:13:22,970
report this year again highlighting it

352
00:13:21,860 --> 00:13:24,889
does nothing it's time to get rid of

353
00:13:22,970 --> 00:13:26,810
that so the spend itself that money

354
00:13:24,889 --> 00:13:28,730
could go better even when it's a small

355
00:13:26,809 --> 00:13:30,739
amount to spend the irritating thing is

356
00:13:28,730 --> 00:13:32,090
it's the symbolic nature of that because

357
00:13:30,740 --> 00:13:34,159
in Newcastle you can probably go into a

358
00:13:32,090 --> 00:13:35,960
homeopath and if you ask them does this

359
00:13:34,159 --> 00:13:38,809
work they could legitimately tell you

360
00:13:35,960 --> 00:13:41,030
well it's on the NHS yeah and even if it

361
00:13:38,809 --> 00:13:44,209
just means that that's 250 pounds ago in

362
00:13:41,029 --> 00:13:46,100
that entire city and areas around it the

363
00:13:44,210 --> 00:13:47,540
fact that it's still technically true

364
00:13:46,100 --> 00:13:49,700
that you can get homeopathy on the NHS

365
00:13:47,539 --> 00:13:51,980
in the northeast of England is enough to

366
00:13:49,700 --> 00:13:53,870
give it that unju legitimacy and I think

367
00:13:51,980 --> 00:13:56,360
this is the real problem for us that the

368
00:13:53,870 --> 00:13:59,240
NHS will fund this so people say that

369
00:13:56,360 --> 00:14:01,009
our pharmacies have home

370
00:13:59,240 --> 00:14:04,129
up at the anomaly you've been in Boots I

371

00:14:01,009 --> 00:14:05,269
look our chemist recently boots will

372
00:14:04,129 --> 00:14:07,610
have homeopathy I mean they've got

373
00:14:05,269 --> 00:14:09,620
everything else yeah it's a single

374
00:14:07,610 --> 00:14:12,709
biggest kind of covers you ever seen

375
00:14:09,620 --> 00:14:14,659
largest chemist like camera shop I think

376
00:14:12,708 --> 00:14:17,119
I've ever saying and we've got some

377
00:14:14,659 --> 00:14:19,419
large ones in Australia but seriously

378
00:14:17,120 --> 00:14:21,889
this the one here in Liverpool was

379
00:14:19,419 --> 00:14:23,569
ridiculous they are actually it's like a

380
00:14:21,889 --> 00:14:24,588
whole sort of massive super mark and a

381
00:14:23,570 --> 00:14:25,910
hive and log of or something like that

382
00:14:24,589 --> 00:14:26,950
they're it but this is the thing is that

383
00:14:25,909 --> 00:14:30,110
they're there because they were a

384
00:14:26,950 --> 00:14:31,278
incredibly trusted brand that became on

385
00:14:30,110 --> 00:14:32,720

it was on every high street and people

386

00:14:31,278 --> 00:14:34,850

knew that you going to boot and get good

387

00:14:32,720 --> 00:14:36,589

health advice and yet they're selling

388

00:14:34,850 --> 00:14:38,480

sugar pills so the problem is people

389

00:14:36,589 --> 00:14:39,800

will go into boots and they'll see

390

00:14:38,480 --> 00:14:41,028

homeopathy on the shelf and they'll

391

00:14:39,799 --> 00:14:42,708

assume that means then it must work

392

00:14:41,028 --> 00:14:44,450

because nobody's telling him it doesn't

393

00:14:42,708 --> 00:14:46,669

and in fact if you speak to some of the

394

00:14:44,450 --> 00:14:47,930

employees of boots and they're very much

395

00:14:46,669 --> 00:14:49,490

differs depending on which boots you in

396

00:14:47,929 --> 00:14:51,019

but I've been around the country doing

397

00:14:49,490 --> 00:14:52,430

skeptics in the pub talk so I always pop

398

00:14:51,019 --> 00:14:54,470

in to boot and asking about homeopathic

399

00:14:52,429 --> 00:14:57,259

here fever remedies and I've may be

400
00:14:54,470 --> 00:14:58,820
asked in 15 or 20 boots and the range of

401
00:14:57,259 --> 00:15:00,230
opinions you get the range of advice you

402
00:14:58,820 --> 00:15:02,110
get from people whose job it is to give

403
00:15:00,230 --> 00:15:04,339
you advice ranges all the way from

404
00:15:02,110 --> 00:15:06,050
someone saying that well homeopathy

405
00:15:04,339 --> 00:15:09,070
thinks the more you diluted the stronger

406
00:15:06,049 --> 00:15:11,000
it gets and that's theoretically weak

407
00:15:09,070 --> 00:15:12,770
because obviously don't offend you

408
00:15:11,000 --> 00:15:14,750
because it's their job um but the other

409
00:15:12,769 --> 00:15:16,970
side of it is you know I was in one and

410
00:15:14,750 --> 00:15:18,528
I was told that it works just like a

411
00:15:16,970 --> 00:15:20,209
vaccine you give someone a little bit of

412
00:15:18,528 --> 00:15:21,379
something and it'll kind of make them

413
00:15:20,208 --> 00:15:23,509
better and to be honest it's not

414
00:15:21,379 --> 00:15:25,309
chemical beer so given the choice I'd

415
00:15:23,509 --> 00:15:26,480
always choose is because it's natural

416
00:15:25,309 --> 00:15:27,828
and it worked and they were just making

417
00:15:26,480 --> 00:15:29,120
out that it actually worked and I think

418
00:15:27,828 --> 00:15:30,469
she probably did believe it worked

419
00:15:29,120 --> 00:15:34,190
whether she told him to stood it I don't

420
00:15:30,470 --> 00:15:36,200
know so boots does have this range of

421
00:15:34,190 --> 00:15:37,850
dodgy advice that's there all this whole

422
00:15:36,200 --> 00:15:40,640
range of ice I cause from good to dodgy

423
00:15:37,850 --> 00:15:42,950
and the problem is boots will not sell

424
00:15:40,639 --> 00:15:44,360
you something for something serious they

425
00:15:42,950 --> 00:15:45,649
won't sell you homeopathy for something

426
00:15:44,360 --> 00:15:47,209
serious they absolutely want they'll

427
00:15:45,649 --> 00:15:49,700
sell you it for headaches and bruising

428

00:15:47,208 --> 00:15:51,549
and hair fever I get here favor it's

429
00:15:49,700 --> 00:15:53,420
pretty annoying but it's not gonna

430
00:15:51,549 --> 00:15:55,039
detrimentally affect my health on the

431
00:15:53,419 --> 00:15:57,799
long term but the problem is that

432
00:15:55,039 --> 00:15:59,000
because people go into boot and see

433
00:15:57,799 --> 00:16:00,979
homeopathy there and because they note

434
00:15:59,000 --> 00:16:02,809
on the NHS maybe the next time they're

435
00:16:00,980 --> 00:16:04,129
ill they see a homeopath because you've

436
00:16:02,809 --> 00:16:06,109
seen that word around they've got a kind

437
00:16:04,129 --> 00:16:07,610
of a familiarity with that word and we

438
00:16:06,110 --> 00:16:08,750
know that homeopaths will give you

439
00:16:07,610 --> 00:16:09,710
dangerous advice and this is something

440
00:16:08,750 --> 00:16:13,309
else that we've been

441
00:16:09,710 --> 00:16:15,710
really looking into it so you've also

442
00:16:13,309 --> 00:16:17,750

part of your talk you you type spoke

443

00:16:15,710 --> 00:16:20,509

about your what specific actions you're

444

00:16:17,750 --> 00:16:22,460

taking in Liverpool by yourself and the

445

00:16:20,509 --> 00:16:24,049

good thinking society can you tell me a

446

00:16:22,460 --> 00:16:25,940

little bit about what you guys are doing

447

00:16:24,049 --> 00:16:27,349

here specifically yeah absolutely so

448

00:16:25,940 --> 00:16:30,020

this has been a really big campaign for

449

00:16:27,350 --> 00:16:31,639

us and it's kind of the first thing that

450

00:16:30,019 --> 00:16:33,559

we've done really publicly that shows

451

00:16:31,639 --> 00:16:34,610

the the pragmatic and systematic

452

00:16:33,559 --> 00:16:36,559

approach that we're trying to take to

453

00:16:34,610 --> 00:16:37,610

skepticism because we asked all around

454

00:16:36,559 --> 00:16:39,739

the country to figure out how much you

455

00:16:37,610 --> 00:16:41,210

spent we've got our fingers back and so

456

00:16:39,740 --> 00:16:42,950

well that's that's interesting you know

457
00:16:41,210 --> 00:16:44,629
now we know that that's useful its data

458
00:16:42,950 --> 00:16:46,460
but we're not going to stop at just

459
00:16:44,629 --> 00:16:48,919
knowledge we need to take that an extra

460
00:16:46,460 --> 00:16:50,990
step so we looked at where there were

461
00:16:48,919 --> 00:16:52,189
clusters would be of these spends these

462
00:16:50,990 --> 00:16:53,899
fifteen percent where their stills

463
00:16:52,190 --> 00:16:56,870
funded and then we looked at the

464
00:16:53,899 --> 00:16:58,850
contract decisions so basically um when

465
00:16:56,870 --> 00:17:00,830
someone signs a new contract to ER to

466
00:16:58,850 --> 00:17:03,139
fund homeopathy in this country you get

467
00:17:00,830 --> 00:17:04,789
three months to review that decision as

468
00:17:03,139 --> 00:17:07,309
a member of the public if it's a if it's

469
00:17:04,789 --> 00:17:08,629
government money being spent on it so I

470
00:17:07,309 --> 00:17:10,190
think if you think that it's unlawful

471
00:17:08,630 --> 00:17:12,230
you can take them to a judicial review

472
00:17:10,190 --> 00:17:14,360
which is a very complicated very kind of

473
00:17:12,230 --> 00:17:16,819
weighty legal procedure but it's a very

474
00:17:14,359 --> 00:17:19,159
kind of thorough legal procedure so we

475
00:17:16,819 --> 00:17:20,929
found that in december of last year

476
00:17:19,160 --> 00:17:23,209
liverpool signed a new contract to

477
00:17:20,930 --> 00:17:25,070
commission homeopathy that started that

478
00:17:23,209 --> 00:17:26,299
the timer ticking we have three months

479
00:17:25,069 --> 00:17:28,819
to figure out what occurs would look

480
00:17:26,299 --> 00:17:30,289
like to make our case and submitted so

481
00:17:28,819 --> 00:17:31,849
we started just pulling documents

482
00:17:30,289 --> 00:17:33,740
anywhere we could about Liverpool I went

483
00:17:31,849 --> 00:17:37,309
back over about two years worth of

484
00:17:33,740 --> 00:17:38,960
meeting agendas and minutes and we set

485

00:17:37,309 --> 00:17:40,490
them emails using free information to

486
00:17:38,960 --> 00:17:42,620
say when you've spoken about this issue

487
00:17:40,490 --> 00:17:44,509
in internal conversations in internal

488
00:17:42,619 --> 00:17:46,759
email exchanges we need to see all of

489
00:17:44,509 --> 00:17:48,559
that so we did all that we had to look

490
00:17:46,759 --> 00:17:50,629
at all their policies and we found

491
00:17:48,559 --> 00:17:53,119
something really interesting so the

492
00:17:50,630 --> 00:17:53,810
start 2014 the Commission this review to

493
00:17:53,119 --> 00:17:55,489
say here are five different

494
00:17:53,809 --> 00:17:57,919
complementary therapies that we're

495
00:17:55,490 --> 00:17:58,910
looking to stop funding sorry that we're

496
00:17:57,920 --> 00:18:00,230
looking to see whether we should fund or

497
00:17:58,910 --> 00:18:01,820
not at the end of that review three

498
00:18:00,230 --> 00:18:03,589
months in they came back and said

499
00:18:01,819 --> 00:18:05,599

actually we've looked at it you

500

00:18:03,589 --> 00:18:07,159

shouldn't be funding it we propose that

501

00:18:05,599 --> 00:18:09,289

we stop funding these five different

502

00:18:07,160 --> 00:18:10,279

therapies including homeopathy and then

503

00:18:09,289 --> 00:18:11,779

they said right we've got that result

504

00:18:10,279 --> 00:18:13,069

we're going to put the idea that we're

505

00:18:11,779 --> 00:18:14,059

going to stop funding it we're gonna put

506

00:18:13,069 --> 00:18:16,250

that out to the public and see what the

507

00:18:14,059 --> 00:18:17,809

public thing four months later got a

508

00:18:16,250 --> 00:18:19,519

public consultation where anyone any

509

00:18:17,809 --> 00:18:22,579

member of the public who cares be there

510

00:18:19,519 --> 00:18:24,079

homeopathic patient skeptic anyone could

511

00:18:22,579 --> 00:18:25,398

offer their advice on whether they

512

00:18:24,079 --> 00:18:27,589

should or shouldn't where they should

513

00:18:25,398 --> 00:18:29,148

accept the the recommendation to stop

514
00:18:27,589 --> 00:18:31,579
funding homeopathy and at the end

515
00:18:29,148 --> 00:18:32,839
moments they had six responses none of

516
00:18:31,579 --> 00:18:34,038
them mentioned homie up at the early

517
00:18:32,839 --> 00:18:36,379
point most amor about the other

518
00:18:34,038 --> 00:18:38,000
therapies things are that so it seemed

519
00:18:36,380 --> 00:18:39,140
pretty clear that there wasn't a good

520
00:18:38,000 --> 00:18:41,659
reason to that they were recommend to

521
00:18:39,140 --> 00:18:44,450
get rid of it and people weren't that

522
00:18:41,659 --> 00:18:46,130
passionate about it and yet in december

523
00:18:44,450 --> 00:18:48,048
two thousand eight aside to Commissioner

524
00:18:46,130 --> 00:18:50,000
anywhere they turned all their other

525
00:18:48,048 --> 00:18:51,980
decision making and advice completely on

526
00:18:50,000 --> 00:18:55,278
its head so we wrote an entire kind of

527
00:18:51,980 --> 00:18:57,139
judicial review pointing out that you

528
00:18:55,278 --> 00:18:58,909
were consulting about whether to get rid

529
00:18:57,138 --> 00:19:00,648
of it and now you've decided to fund it

530
00:18:58,909 --> 00:19:02,570
and you've gone you've done a 180 on all

531
00:19:00,648 --> 00:19:04,489
the advice they seemed to us to be

532
00:19:02,569 --> 00:19:05,569
unlawful we also kind of pointed out a

533
00:19:04,490 --> 00:19:06,740
few of the things so they're saying

534
00:19:05,569 --> 00:19:08,658
things like it's about patient

535
00:19:06,740 --> 00:19:10,159
satisfaction and we know that patient

536
00:19:08,659 --> 00:19:11,389
satisfaction isn't good enough reason to

537
00:19:10,159 --> 00:19:12,710
give patients something that doesn't

538
00:19:11,388 --> 00:19:15,109
work because you can make sure the

539
00:19:12,710 --> 00:19:16,819
patients can be very very satisfied with

540
00:19:15,109 --> 00:19:18,308
the level of service to getting if they

541
00:19:16,819 --> 00:19:20,990
don't know that that service is

542

00:19:18,308 --> 00:19:22,490
what did you say you know how satisfied

543
00:19:20,990 --> 00:19:24,440
are you with a thing I just give you by

544
00:19:22,490 --> 00:19:26,808
the way it's just sugar I'm pretending

545
00:19:24,440 --> 00:19:28,490
it'll work they get a lot less satisfied

546
00:19:26,808 --> 00:19:29,928
you know it's not to get a bit annoyed

547
00:19:28,490 --> 00:19:31,220
yeah exactly and it's a same with

548
00:19:29,929 --> 00:19:32,330
patient choice people say what needs to

549
00:19:31,220 --> 00:19:33,860
be available patient choice and we

550
00:19:32,329 --> 00:19:36,230
absolutely believe that patient choice

551
00:19:33,859 --> 00:19:37,609
is crucial but you can't give someone a

552
00:19:36,230 --> 00:19:39,528
choice means something that works and

553
00:19:37,609 --> 00:19:41,119
something that doesn't and not tell them

554
00:19:39,528 --> 00:19:43,009
which is which and that still be a

555
00:19:41,119 --> 00:19:45,259
choice it's not a choice at all you know

556
00:19:43,009 --> 00:19:47,629

this it speaks it raises real questions

557

00:19:45,259 --> 00:19:49,579

about the nature informed consent if

558

00:19:47,630 --> 00:19:51,169

you've given someone a remedy that you

559

00:19:49,579 --> 00:19:52,668

know does nothing and you're not telling

560

00:19:51,169 --> 00:19:53,840

them it does nothing that's not given

561

00:19:52,669 --> 00:19:55,759

them the information that they need to

562

00:19:53,839 --> 00:19:57,859

America a good decision and people

563

00:19:55,759 --> 00:19:59,509

aren't experts I'm no experts and it's

564

00:19:57,859 --> 00:20:02,089

important that we're given the right

565

00:19:59,509 --> 00:20:02,960

information to make the decisions so

566

00:20:02,089 --> 00:20:04,939

they laid out all these different

567

00:20:02,960 --> 00:20:06,919

reasons as to why they were going to

568

00:20:04,940 --> 00:20:10,669

fund it we kind of counted all those may

569

00:20:06,919 --> 00:20:12,980

in early April eventually said actually

570

00:20:10,669 --> 00:20:14,899

you know what we concede we can see that

571
00:20:12,980 --> 00:20:16,579
some people might think that there were

572
00:20:14,898 --> 00:20:18,349
flaws in our decision making process

573
00:20:16,579 --> 00:20:20,269
which is a fantastic way of wording

574
00:20:18,349 --> 00:20:24,048
things I don't think it's like we're not

575
00:20:20,269 --> 00:20:25,880
wrong but we are gonna stop we can see

576
00:20:24,048 --> 00:20:27,379
how other people might think we were

577
00:20:25,880 --> 00:20:28,940
right yeah exactly which is feel

578
00:20:27,380 --> 00:20:30,649
politically that's kind of a that's

579
00:20:28,940 --> 00:20:32,149
probably the most sensible so I can

580
00:20:30,648 --> 00:20:33,288
completely understand that and they have

581
00:20:32,148 --> 00:20:35,569
an admittedly fault and we wouldn't want

582
00:20:33,288 --> 00:20:36,319
to say that they're a bit of me fault I

583
00:20:35,569 --> 00:20:37,788
they won't want to give them

584
00:20:36,319 --> 00:20:38,990
Russian but the good thing is it means

585
00:20:37,788 --> 00:20:40,788
they've now said after the election

586
00:20:38,990 --> 00:20:43,038
which which is coming up in just over a

587
00:20:40,788 --> 00:20:43,879
week now um they said we're going to go

588
00:20:43,038 --> 00:20:45,888
back and we're going to do the

589
00:20:43,880 --> 00:20:47,000
consultation again and we know that in

590
00:20:45,888 --> 00:20:49,129
that consultation it's gonna be very

591
00:20:47,000 --> 00:20:50,269
very hard for them to use the arguments

592
00:20:49,130 --> 00:20:52,759
of used last time because we've said

593
00:20:50,269 --> 00:20:54,620
those arguments were weaken us if we can

594
00:20:52,759 --> 00:20:56,149
offer us to feel confident putting

595
00:20:54,619 --> 00:20:58,548
together at a very expensive legal

596
00:20:56,148 --> 00:21:00,648
procedure against you so we think this

597
00:20:58,548 --> 00:21:03,710
is a good shot at getting homeopathy off

598
00:21:00,648 --> 00:21:04,879
Liverpool we can work with my local

599

00:21:03,710 --> 00:21:06,048
volunteer books the most out skeptic

600
00:21:04,880 --> 00:21:08,059
society good thinking in to work with

601
00:21:06,048 --> 00:21:09,859
them to make sure we get lots of local

602
00:21:08,058 --> 00:21:11,658
people involved in that consultation

603
00:21:09,859 --> 00:21:12,888
because now we know it's happening the

604
00:21:11,659 --> 00:21:15,259
homeopath is certainly going to be there

605
00:21:12,888 --> 00:21:16,969
the homeopathic lobbyists the patients

606
00:21:15,259 --> 00:21:18,288
we get to then put people on the other

607
00:21:16,970 --> 00:21:20,329
side and say well actually here's a big

608
00:21:18,288 --> 00:21:21,859
petition of people who think this money

609
00:21:20,329 --> 00:21:23,298
could be better spent elsewhere here's a

610
00:21:21,859 --> 00:21:25,189
lot of people who believe that evidence

611
00:21:23,298 --> 00:21:27,589
and science is important in our

612
00:21:25,190 --> 00:21:29,929
healthcare and not just choice in a

613
00:21:27,589 --> 00:21:31,990

vacuum so we should hopefully be able to

614

00:21:29,929 --> 00:21:34,100

balance out at that consultation because

615

00:21:31,990 --> 00:21:35,599

what we don't want to seem is like we're

616

00:21:34,099 --> 00:21:37,219

putting pressure on the commissioners

617

00:21:35,599 --> 00:21:38,119

and we don't think we are what we did is

618

00:21:37,220 --> 00:21:39,950

what we've done is we've given the

619

00:21:38,119 --> 00:21:42,109

Commission as the opportunity to make a

620

00:21:39,950 --> 00:21:43,700

fair decision here and we know that

621

00:21:42,109 --> 00:21:45,378

they're under pressure from the

622

00:21:43,700 --> 00:21:46,879

homeopaths you've been banging on at

623

00:21:45,378 --> 00:21:48,558

them for its in fact one of the reasons

624

00:21:46,878 --> 00:21:50,298

that they said they were continuing

625

00:21:48,558 --> 00:21:53,210

funding was that they were worried about

626

00:21:50,298 --> 00:21:55,069

the threat of legal procedures if they

627

00:21:53,210 --> 00:21:56,538

ceased funding which is not a very good

628
00:21:55,069 --> 00:21:57,950
reason to carry on spending money on

629
00:21:56,538 --> 00:21:59,450
something that doesn't work so what

630
00:21:57,950 --> 00:22:00,500
we're trying to do is to say yes you're

631
00:21:59,450 --> 00:22:02,149
gonna get all this weight from

632
00:22:00,500 --> 00:22:04,278
homeopaths but you've also got this

633
00:22:02,148 --> 00:22:05,508
weight from us and if you can just at

634
00:22:04,278 --> 00:22:06,710
this point say well you got pressure

635
00:22:05,509 --> 00:22:08,149
over here pressure over there so the

636
00:22:06,710 --> 00:22:09,470
only thing we can do is step back and

637
00:22:08,148 --> 00:22:10,668
look at the evidence we're pretty

638
00:22:09,470 --> 00:22:12,528
confident that the evidence is on our

639
00:22:10,669 --> 00:22:13,970
side too so we're trying to balance the

640
00:22:12,528 --> 00:22:16,638
opposing forces more than anything else

641
00:22:13,970 --> 00:22:18,950
and so that that that campaign I guess

642
00:22:16,638 --> 00:22:20,689
is of obviously on going in yeah it is

643
00:22:18,950 --> 00:22:22,069
so I mean it was a really significant

644
00:22:20,690 --> 00:22:23,960
step in Liverpool is really hard to kind

645
00:22:22,069 --> 00:22:25,158
of explain to people how significant is

646
00:22:23,960 --> 00:22:26,329
because people think well it's Liverpool

647
00:22:25,159 --> 00:22:28,039
and they're still going to go back and

648
00:22:26,329 --> 00:22:29,960
make the decision again so have you

649
00:22:28,038 --> 00:22:31,970
really done anything and what's really

650
00:22:29,960 --> 00:22:33,788
nice is that now that the media start

651
00:22:31,970 --> 00:22:35,778
pick up on this was a big national

652
00:22:33,788 --> 00:22:38,298
headlines in the Telegraph newspaper

653
00:22:35,778 --> 00:22:40,220
saying hold me off of the under review

654
00:22:38,298 --> 00:22:41,778
because of our campaign and it is under

655
00:22:40,220 --> 00:22:44,329
review because what we've said is we've

656

00:22:41,778 --> 00:22:45,500
got this out of liberal ccg we think

657
00:22:44,329 --> 00:22:47,028
it's me very hard for them to make the

658
00:22:45,500 --> 00:22:49,038
same decision again and now we've

659
00:22:47,028 --> 00:22:49,599
written to every other CCGs clinical

660
00:22:49,038 --> 00:22:51,069
commissioning

661
00:22:49,599 --> 00:22:52,928
it's part that the small groups that

662
00:22:51,069 --> 00:22:54,369
make up the NHS so we've written to all

663
00:22:52,929 --> 00:22:56,980
of the other ones that fund homeopathy

664
00:22:54,369 --> 00:22:58,269
and said look at this in Liverpool we

665
00:22:56,980 --> 00:22:59,288
want to see copies your contracts so we

666
00:22:58,269 --> 00:23:01,839
know when you're going to renew your

667
00:22:59,288 --> 00:23:03,970
contract and we won't we invite you to

668
00:23:01,839 --> 00:23:06,298
consider what we're doing because what

669
00:23:03,970 --> 00:23:08,558
we really like is for them to be able to

670
00:23:06,298 --> 00:23:10,500

reconsider what they're doing before we

671

00:23:08,558 --> 00:23:12,928
have to undertake this lengthy

672

00:23:10,500 --> 00:23:15,130
potentially expensive kind of thing yeah

673

00:23:12,929 --> 00:23:16,990
and we think we think this is a really

674

00:23:15,130 --> 00:23:19,090
good opportunity so when we work with

675

00:23:16,990 --> 00:23:23,440
skeptics all around the UK to to try and

676

00:23:19,089 --> 00:23:24,879
find ways of finding locals in various

677

00:23:23,440 --> 00:23:26,529
different areas we're very interested in

678

00:23:24,880 --> 00:23:28,510
this and hopefully we can actually put

679

00:23:26,529 --> 00:23:30,279
our ourselves as a skeptical community

680

00:23:28,509 --> 00:23:31,480
as a voice in this argument right right

681

00:23:30,279 --> 00:23:33,788
on the map right in the middle of the

682

00:23:31,480 --> 00:23:36,579
decision-making process so did you get

683

00:23:33,788 --> 00:23:39,069
any any feelers from paper from people

684

00:23:36,579 --> 00:23:41,319
in the the other areas during QA days so

685
00:23:39,069 --> 00:23:43,480
get anyone from Newcastle yeah well we

686
00:23:41,319 --> 00:23:44,829
think there's contact what was great was

687
00:23:43,480 --> 00:23:46,360
you get up in front of an audience of

688
00:23:44,829 --> 00:23:47,710
fire and fifty six hundred people and

689
00:23:46,359 --> 00:23:49,089
you talk about this you talk about why

690
00:23:47,710 --> 00:23:50,650
you think this matters and the work

691
00:23:49,089 --> 00:23:52,089
you're doing and how exciting it is when

692
00:23:50,650 --> 00:23:53,500
you get a victory and immediately got

693
00:23:52,089 --> 00:23:54,609
off stage you get people coming up to

694
00:23:53,500 --> 00:23:56,169
you so you have people saying oh you

695
00:23:54,609 --> 00:23:57,548
need those figures I think I can help

696
00:23:56,169 --> 00:23:59,020
you need to get this piece of

697
00:23:57,548 --> 00:24:01,089
information up this pharmacy new you

698
00:23:59,019 --> 00:24:02,829
need a doctor to do it I'm a doctor tell

699
00:24:01,089 --> 00:24:04,089
me how it can help so I think what so

700
00:24:02,829 --> 00:24:06,038
many people in skeptical immunity or are

701
00:24:04,089 --> 00:24:08,470
looking for is a campaign to get behind

702
00:24:06,038 --> 00:24:10,480
and once you've got that idea people

703
00:24:08,470 --> 00:24:12,460
like right I think I know how I can use

704
00:24:10,480 --> 00:24:13,630
my skill set to support that campaign

705
00:24:12,460 --> 00:24:15,880
and that's what we're really trying to

706
00:24:13,630 --> 00:24:19,059
do with good thinking is to be that kind

707
00:24:15,880 --> 00:24:20,110
of lightning rod for people's talents so

708
00:24:19,058 --> 00:24:21,879
we're not here to tell anybody what to

709
00:24:20,109 --> 00:24:23,709
do but we're here to go we've got this

710
00:24:21,880 --> 00:24:25,299
idea what do you think you could do to

711
00:24:23,710 --> 00:24:27,190
help and do you want to help and I think

712
00:24:25,298 --> 00:24:29,019
we do that then people will naturally

713

00:24:27,190 --> 00:24:30,970
say well I i do this i do that we had a

714
00:24:29,019 --> 00:24:32,980
guy who made our intro video of QED

715
00:24:30,970 --> 00:24:35,019
we're saying all that deity had there's

716
00:24:32,980 --> 00:24:36,220
really interesting let's get out there

717
00:24:35,019 --> 00:24:37,569
as white as possible maybe you could

718
00:24:36,220 --> 00:24:39,640
start putting the other a video that the

719
00:24:37,569 --> 00:24:41,319
30 second one minute infographic video

720
00:24:39,640 --> 00:24:42,970
that will just explain all these stats

721
00:24:41,319 --> 00:24:44,230
in a really easy where so you can stand

722
00:24:42,970 --> 00:24:46,600
up to people and people can watch it is

723
00:24:44,230 --> 00:24:47,829
very very easily comprehend so we need

724
00:24:46,599 --> 00:24:49,928
all sorts of skills we can solve

725
00:24:47,829 --> 00:24:51,849
coalesce them around and hopefully in

726
00:24:49,929 --> 00:24:55,809
the middle we can solve network enough

727
00:24:51,849 --> 00:24:58,240

to make this a coherent campaign so I

728

00:24:55,808 --> 00:25:01,599

guess on the lighter side of your talk

729

00:24:58,240 --> 00:25:02,799

yeah you you spoke about some of the

730

00:25:01,599 --> 00:25:05,109

weider homeopath

731

00:25:02,799 --> 00:25:12,039

remedies which you are able to get from

732

00:25:05,109 --> 00:25:13,509

a provider here in the UK yeah yeah yeah

733

00:25:12,039 --> 00:25:15,220

I know you're referring to yes so

734

00:25:13,509 --> 00:25:16,000

there's this amazing thing so in part of

735

00:25:15,220 --> 00:25:18,039

my kind of Freedom of Information

736

00:25:16,000 --> 00:25:19,509

request I was asking about not only how

737

00:25:18,039 --> 00:25:21,339

much do you spend but where do you get

738

00:25:19,509 --> 00:25:23,140

it from we got Bristol homeopathic

739

00:25:21,339 --> 00:25:24,849

hospital patek off to absolutely

740

00:25:23,140 --> 00:25:26,620

ludicrous idea and they were getting

741

00:25:24,849 --> 00:25:28,329

their remedies about 30,000 pounds ago

742
00:25:26,619 --> 00:25:29,979
from Glasgow homeopathic hospital who

743
00:25:28,329 --> 00:25:31,899
got them from freeman's homeopathic

744
00:25:29,980 --> 00:25:32,860
pharmacy so that's what to Glasgow they

745
00:25:31,900 --> 00:25:35,290
have an exclusive contract with

746
00:25:32,859 --> 00:25:36,849
freeman's homeopathic pharmacy so I

747
00:25:35,289 --> 00:25:38,500
called Freeman's could I look at a

748
00:25:36,849 --> 00:25:41,379
website and they've got the longest list

749
00:25:38,500 --> 00:25:43,089
of just crazy stuff on there absolutely

750
00:25:41,380 --> 00:25:45,580
insane stuff it really really is it's

751
00:25:43,089 --> 00:25:47,439
homeopathic blue the color blue you know

752
00:25:45,579 --> 00:25:49,569
homeopathic MRI scan where they've taken

753
00:25:47,440 --> 00:25:51,190
some water and put it in an MRI scan and

754
00:25:49,569 --> 00:25:53,289
then they dilute that you know hung

755
00:25:51,190 --> 00:25:56,830
havoc sunlight where they put water in

756
00:25:53,289 --> 00:25:57,849
sunlight absolutely bizarre but I formed

757
00:25:56,829 --> 00:25:59,799
them up and thought are they really

758
00:25:57,849 --> 00:26:02,079
gonna sell you know homeopathic asbestos

759
00:25:59,799 --> 00:26:03,430
I mean I think uranium you know I hope

760
00:26:02,079 --> 00:26:05,500
you panic beetle are there really going

761
00:26:03,430 --> 00:26:06,519
to sell you this stuff um so I had them

762
00:26:05,500 --> 00:26:08,740
on the phone actually played the the

763
00:26:06,519 --> 00:26:10,240
phone conversation during my cutie talk

764
00:26:08,740 --> 00:26:12,640
i'm hoping to release the video of it

765
00:26:10,240 --> 00:26:14,620
soon we're asking about the holy

766
00:26:12,640 --> 00:26:16,230
owl which on there i think was a horned

767
00:26:14,619 --> 00:26:18,879
owl and I was particularly interested in

768
00:26:16,230 --> 00:26:20,140
and I said so you've got a home having a

769
00:26:18,880 --> 00:26:22,210
LAN there how do you make a holy perfect

770

00:26:20,140 --> 00:26:24,400
remedy from an owl they said well you

771
00:26:22,210 --> 00:26:25,539
take the feathers and then you dilute it

772
00:26:24,400 --> 00:26:26,769
in that's kind of how you do put the

773
00:26:25,539 --> 00:26:28,869
feathers in water use that water and

774
00:26:26,769 --> 00:26:31,269
diluted are saying is that for people

775
00:26:28,869 --> 00:26:32,559
who are allergic to owls and yeah when

776
00:26:31,269 --> 00:26:34,269
it could be if you like you trials but

777
00:26:32,559 --> 00:26:37,329
mainly it's for people who've taken on

778
00:26:34,269 --> 00:26:38,829
the characteristics of an hell I was

779
00:26:37,329 --> 00:26:41,049
like really is that what does that mean

780
00:26:38,829 --> 00:26:44,710
well you might not be able to sleep

781
00:26:41,049 --> 00:26:47,019
at night or rum or because you can take

782
00:26:44,710 --> 00:26:49,569
on the characteristics of an hour that's

783
00:26:47,019 --> 00:26:51,579
not being an owl that's insomnia it's

784
00:26:49,569 --> 00:26:52,809

not being a no but she didn't tell me

785

00:26:51,579 --> 00:26:54,549

you can't buy it with our prescription

786

00:26:52,809 --> 00:26:55,839

and I kind of took a word for it and

787

00:26:54,549 --> 00:26:57,639

then a couple weeks later I thought is

788

00:26:55,839 --> 00:26:59,319

that true so I got back in touch and i

789

00:26:57,640 --> 00:27:00,940

bought some homeopathic owl that i had

790

00:26:59,319 --> 00:27:02,859

with me on the weekend and i was holding

791

00:27:00,940 --> 00:27:04,600

it up in front of the audience i also

792

00:27:02,859 --> 00:27:06,939

had from another pharmacy homeopathic

793

00:27:04,599 --> 00:27:09,789

sunlight for another one i had hung

794

00:27:06,940 --> 00:27:11,230

about an x-ray and then it gets it as

795

00:27:09,789 --> 00:27:13,029

far as we can tell these well unlicensed

796

00:27:11,230 --> 00:27:14,710

medicine so there is not a license to

797

00:27:13,029 --> 00:27:16,410

sell these in the UK because the like

798

00:27:14,710 --> 00:27:19,019

the way the licensing works you

799
00:27:16,410 --> 00:27:20,700
a one-on-one consultation with either a

800
00:27:19,019 --> 00:27:23,579
registered medical expert or someone

801
00:27:20,700 --> 00:27:25,019
with a very specific license to do this

802
00:27:23,579 --> 00:27:26,369
one on one consultation and from there

803
00:27:25,019 --> 00:27:28,200
you have to make a remedy up for them

804
00:27:26,369 --> 00:27:29,399
actually create one there so you can't

805
00:27:28,200 --> 00:27:31,529
sell them off the shelf you can't see

806
00:27:29,400 --> 00:27:33,120
without talking to me in person which I

807
00:27:31,529 --> 00:27:34,430
didn't do I bought them off the off the

808
00:27:33,119 --> 00:27:37,769
internet so as far as I can tell this is

809
00:27:34,430 --> 00:27:39,360
unlicensed it's unlawful and it's

810
00:27:37,769 --> 00:27:40,259
practicing medicine without a license

811
00:27:39,359 --> 00:27:41,819
and that's mean we're really really

812
00:27:40,259 --> 00:27:43,109
interested in but it gets really bad

813
00:27:41,819 --> 00:27:44,639
because one of the ones I bought which

814
00:27:43,109 --> 00:27:47,490
is a fairly standard homeopathic

815
00:27:44,640 --> 00:27:49,650
unlicensed remedy was from nutri centre

816
00:27:47,490 --> 00:27:52,890
which is a health food chain owned by

817
00:27:49,650 --> 00:27:54,390
Tesco the major supermarkets so the

818
00:27:52,890 --> 00:27:56,580
biggest supermarket chain pretty much in

819
00:27:54,390 --> 00:27:59,040
this country sells unlicensed medicine

820
00:27:56,579 --> 00:28:01,199
in an unlawful act which is incredible

821
00:27:59,039 --> 00:28:02,609
and I also bought and this is the

822
00:28:01,200 --> 00:28:04,170
product of us the worst others are from

823
00:28:02,609 --> 00:28:05,969
a homeopath expire online about

824
00:28:04,170 --> 00:28:07,320
homeopathic diabetes medicine this just

825
00:28:05,970 --> 00:28:10,170
shows you that people are still doing

826
00:28:07,319 --> 00:28:11,309
this for really dangerous stuff so this

827

00:28:10,170 --> 00:28:13,590
is another area that we're kind of

828
00:28:11,309 --> 00:28:14,819
looking at but yeah I think I'll carrier

829
00:28:13,589 --> 00:28:17,039
must carry around my home you buy the

830
00:28:14,819 --> 00:28:20,119
owl as often as possible make sure you

831
00:28:17,039 --> 00:28:22,680
stay away from those long nights exactly

832
00:28:20,119 --> 00:28:25,109
um well thank you very much for speaking

833
00:28:22,680 --> 00:28:26,789
to us today Michael um it's a pleasure

834
00:28:25,109 --> 00:28:28,019
yeah and if people want to find out more

835
00:28:26,789 --> 00:28:30,509
about our camp in if you got a good

836
00:28:28,019 --> 00:28:31,379
thinking society org you'll find out

837
00:28:30,509 --> 00:28:33,390
there at the mall were kind of

838
00:28:31,380 --> 00:28:35,010
fundraising to help us kind of fund

839
00:28:33,390 --> 00:28:36,330
further legal battles and things out

840
00:28:35,009 --> 00:28:37,559
that we've got a just giving page so if

841
00:28:36,329 --> 00:28:38,909

you've got a good thinking slightly told

842

00:28:37,559 --> 00:28:41,429

you you should be able to find all of

843

00:28:38,910 --> 00:28:46,460

that there and you guys should help out

844

00:28:41,430 --> 00:28:46,460

if you can okay thanks thanks a lot

845

00:28:59,150 --> 00:29:04,759

welcome to a week in science from RI oz

846

00:29:02,009 --> 00:29:08,069

bringing you the size you needs know

847

00:29:04,759 --> 00:29:10,500

around one in 20 children and one in 50

848

00:29:08,069 --> 00:29:12,809

adults have food allergies and there's

849

00:29:10,500 --> 00:29:15,240

also allergies to bee stings pollen and

850

00:29:12,809 --> 00:29:22,829

pet hair but what actually happens when

851

00:29:15,240 --> 00:29:24,720

you have an allergic simply put an

852

00:29:22,829 --> 00:29:26,250

allergic reaction is when your immune

853

00:29:24,720 --> 00:29:28,339

system reacts to something in the

854

00:29:26,250 --> 00:29:31,140

environment which is normally harmless

855

00:29:28,339 --> 00:29:33,139

the best understood allergic reaction

856
00:29:31,140 --> 00:29:36,810
involves molecules in the immune system

857
00:29:33,140 --> 00:29:38,730
called antibodies when the allergen the

858
00:29:36,809 --> 00:29:40,589
substance causing the allergic reaction

859
00:29:38,730 --> 00:29:43,529
enters the body the immune system

860
00:29:40,589 --> 00:29:45,899
activates and the antibodies bind to the

861
00:29:43,529 --> 00:29:48,269
allergen the antibody most commonly

862
00:29:45,900 --> 00:29:52,320
involved in allergic reactions is called

863
00:29:48,269 --> 00:29:54,299
IgE when there is enough IgE binding to

864
00:29:52,319 --> 00:29:57,179
the allergen immune cells called

865
00:29:54,299 --> 00:29:59,279
Marcel's start releasing histamine which

866
00:29:57,180 --> 00:30:01,470
results in inflammation and other

867
00:29:59,279 --> 00:30:04,349
chemicals which ramp up the immune

868
00:30:01,470 --> 00:30:06,360
system response the result is a large

869
00:30:04,349 --> 00:30:08,669
immune system response causing

870
00:30:06,359 --> 00:30:11,339
inflammation and swelling tightening of

871
00:30:08,670 --> 00:30:16,110
the airway muscles and depression of the

872
00:30:11,339 --> 00:30:18,839
heart muscles hospital admissions for

873
00:30:16,109 --> 00:30:20,759
severe allergic reactions have doubled

874
00:30:18,839 --> 00:30:22,829
in Australia over the last decade and

875
00:30:20,759 --> 00:30:25,069
hospital admissions for children with

876
00:30:22,829 --> 00:30:28,079
food allergies have gone up even higher

877
00:30:25,069 --> 00:30:30,480
there are some suggestions for why this

878
00:30:28,079 --> 00:30:32,490
increase has occurred it may be that

879
00:30:30,480 --> 00:30:35,279
we're being too hygienic and not

880
00:30:32,490 --> 00:30:37,769
exposing children to as many infectious

881
00:30:35,279 --> 00:30:40,109
agents so the immune system is instead

882
00:30:37,769 --> 00:30:42,629
being active against more allergens

883
00:30:40,109 --> 00:30:44,819
another hypothesis is that it could be

884

00:30:42,630 --> 00:30:47,580
caused by delaying introduction of

885
00:30:44,819 --> 00:30:50,629
possible allergen foods such as nuts and

886
00:30:47,579 --> 00:30:53,159
eggs into a child's diet rather than

887
00:30:50,630 --> 00:30:56,130
desensitizing their immune systems early

888
00:30:53,160 --> 00:30:58,640
and now for fast facts about allergic

889
00:30:56,130 --> 00:30:58,640
reactions

890
00:30:58,798 --> 00:31:03,609
children can grow out of some food

891
00:31:01,150 --> 00:31:06,038
allergies including milk or eggs but

892
00:31:03,609 --> 00:31:08,139
less commonly grow out of seafood or nut

893
00:31:06,038 --> 00:31:10,808
allergies you can also develop allergies

894
00:31:08,140 --> 00:31:13,030
later in life and unfortunately there's

895
00:31:10,808 --> 00:31:15,668
no definitive reason why this occurs

896
00:31:13,029 --> 00:31:17,288
there is no evidence that restricting a

897
00:31:15,669 --> 00:31:19,570
mother's diet during pregnancy or

898
00:31:17,288 --> 00:31:21,808

breastfeeding reduces the risk of a

899

00:31:19,569 --> 00:31:24,158

child developing food allergies and

900

00:31:21,808 --> 00:31:26,440

someone having a serious allergic

901

00:31:24,159 --> 00:31:28,780

reaction should be given an epinephrine

902

00:31:26,440 --> 00:31:31,450

injection which counteracts the more

903

00:31:28,779 --> 00:31:33,519

dangerous symptoms that's it for this a

904

00:31:31,450 --> 00:31:37,929

week in science for more about allergies

905

00:31:33,519 --> 00:31:41,230

go to the our oils website our iau sog

906

00:31:37,929 --> 00:31:44,440

you follow us on twitter at RI oz and

907

00:31:41,230 --> 00:32:04,179

like us on facebook i'm paul willis and

908

00:31:44,440 --> 00:32:06,820

we'll catch you next week you can always

909

00:32:04,179 --> 00:32:08,320

count on the skeptics in canberra the

910

00:32:06,819 --> 00:32:11,200

Canberra skeptics come up with some good

911

00:32:08,319 --> 00:32:13,538

talks free talks for the general public

912

00:32:11,200 --> 00:32:17,860

and coming up on the fifteenth of made

913
00:32:13,538 --> 00:32:19,869
starting time at 6pm location Ainsley

914
00:32:17,859 --> 00:32:23,139
football club in wakefield in the acct

915
00:32:19,869 --> 00:32:25,389
our very own a run so give skeptic zone

916
00:32:23,140 --> 00:32:27,630
reporter and president of Australian

917
00:32:25,390 --> 00:32:31,538
skeptics the topic of his talk will be

918
00:32:27,630 --> 00:32:32,740
unscathed us ism in education sounds

919
00:32:31,538 --> 00:32:37,210
like an interesting talk and that will

920
00:32:32,740 --> 00:32:39,460
be followed by dinner RSVP for the

921
00:32:37,210 --> 00:32:42,100
dinner sent an email to mail and a

922
00:32:39,460 --> 00:32:43,450
camera skeptics dog today you later on

923
00:32:42,099 --> 00:32:47,048
in the year we have some more talks

924
00:32:43,450 --> 00:32:49,779
coming up dr. Michael Smithson will be

925
00:32:47,048 --> 00:32:53,259
talking on the fifteenth of June a talk

926
00:32:49,779 --> 00:32:54,359
entitled when can ignorance be good for

927
00:32:53,259 --> 00:32:56,879
you

928
00:32:54,359 --> 00:33:00,379
hmm I don't know and then on the

929
00:32:56,880 --> 00:33:04,410
thirteenth of July we have Laura Nichols

930
00:33:00,380 --> 00:33:07,920
with her talk not just dollars the

931
00:33:04,410 --> 00:33:11,519
hidden reason d'azur of the art forger

932
00:33:07,920 --> 00:33:13,019
hmm the admission is free which is good

933
00:33:11,519 --> 00:33:15,359
because you normally have to pay with

934
00:33:13,019 --> 00:33:17,039
the counterfeit money so lots of

935
00:33:15,359 --> 00:33:19,529
interesting talks coming up for the

936
00:33:17,039 --> 00:33:22,470
Canberra skeptics head to Canberra

937
00:33:19,529 --> 00:33:38,369
skeptics all we've got a you for more

938
00:33:22,470 --> 00:33:44,539
information what we want is some more

939
00:33:38,369 --> 00:33:44,539
evidence please is joe alabaster

940
00:33:45,990 --> 00:33:50,460
hello this is Joe alabaster

941

00:33:52,329 --> 00:33:57,048
the media has been reporting that a very

942
00:33:55,159 --> 00:33:59,539
sad and rubber distressing event has

943
00:33:57,048 --> 00:34:01,339
taken place in Sydney this week in which

944
00:33:59,538 --> 00:34:03,259
a seven-year-old boy whose parents

945
00:34:01,339 --> 00:34:05,509
brought him to the seminar of a visiting

946
00:34:03,259 --> 00:34:06,890
practitioner of alternative medicine has

947
00:34:05,509 --> 00:34:08,989
died the evening following his

948
00:34:06,890 --> 00:34:12,858
attendance of a beta and lounging

949
00:34:08,989 --> 00:34:15,229
self-healing workshop the boy who it is

950
00:34:12,858 --> 00:34:17,269
understood had diabetes attended a

951
00:34:15,230 --> 00:34:20,088
workshop run by practitioner hong-chih

952
00:34:17,269 --> 00:34:21,858
Zhao who advocated some rather worrying

953
00:34:20,088 --> 00:34:24,679
methods for the treatment of medical

954
00:34:21,858 --> 00:34:27,348
conditions hong jie zhao developed what

955
00:34:24,679 --> 00:34:29,539

he refers to as paida and legend self

956

00:34:27,349 --> 00:34:32,030

healing which can be used for almost all

957

00:34:29,539 --> 00:34:34,369

diseases in which slapping and patting

958

00:34:32,030 --> 00:34:37,609

the body and stretching tendons is

959

00:34:34,369 --> 00:34:39,800

claimed to promote healing gel claims

960

00:34:37,608 --> 00:34:42,949

that repeatedly slapping one part of the

961

00:34:39,800 --> 00:34:45,050

body quote builds heat causing blood

962

00:34:42,949 --> 00:34:48,319

vessels to expand and Chi to flow

963

00:34:45,050 --> 00:34:50,720

strongly yang rises yen melts and

964

00:34:48,320 --> 00:34:54,710

long-held toxins and blocks are released

965

00:34:50,719 --> 00:34:56,868

and quote video testimonials on jars

966

00:34:54,710 --> 00:34:58,970

website show people slapping themselves

967

00:34:56,869 --> 00:35:00,858

until they are bruised there are reports

968

00:34:58,969 --> 00:35:03,769

of people vomiting and falling

969

00:35:00,858 --> 00:35:05,779

unconscious testimonials also mentioned

970
00:35:03,769 --> 00:35:08,630
of parents using the slapping technique

971
00:35:05,780 --> 00:35:11,030
on their children shall who is from

972
00:35:08,630 --> 00:35:12,849
China has been touring Australia and

973
00:35:11,030 --> 00:35:15,410
presenting workshops on his method

974
00:35:12,849 --> 00:35:17,030
reportedly the week-long Sydney workshop

975
00:35:15,409 --> 00:35:20,000
cost one thousand eight hundred dollars

976
00:35:17,030 --> 00:35:21,830
to attend he is believed to have left

977
00:35:20,000 --> 00:35:23,480
Australia after being questioned by

978
00:35:21,829 --> 00:35:26,210
police regarding the death of the

979
00:35:23,480 --> 00:35:27,858
seven-year-old boy obviously we're not

980
00:35:26,210 --> 00:35:30,050
in a position to say precisely what

981
00:35:27,858 --> 00:35:31,940
happened to the boy beyond reports that

982
00:35:30,050 --> 00:35:34,369
he and his parents attended the workshop

983
00:35:31,940 --> 00:35:36,530
that he was very unwell afterward and

984
00:35:34,369 --> 00:35:39,289
that he passed away in an ambulance that

985
00:35:36,530 --> 00:35:41,330
evening for any details beyond that and

986
00:35:39,289 --> 00:35:43,400
before we go forming any certain

987
00:35:41,329 --> 00:35:45,319
conclusions on this specific case I

988
00:35:43,400 --> 00:35:47,619
think that we must await the coroner's

989
00:35:45,320 --> 00:35:50,088
investigation and subsequent report

990
00:35:47,619 --> 00:35:51,980
based on the news reports though it's

991
00:35:50,088 --> 00:35:54,108
very difficult not to have an emotional

992
00:35:51,980 --> 00:35:56,690
response to this story I certainly have

993
00:35:54,108 --> 00:35:58,460
the Telegraph have reported that the boy

994
00:35:56,690 --> 00:36:00,530
was made too fast four days before the

995
00:35:58,460 --> 00:36:02,780
workshop and it is possible that his

996
00:36:00,530 --> 00:36:05,060
insulin was withdrawn as part of the

997
00:36:02,780 --> 00:36:06,680
pirate and Legion protocol and then

998

00:36:05,059 --> 00:36:08,900
ocean of repeatedly hitting a young

999
00:36:06,679 --> 00:36:11,659
child is frankly incredibly sickening to

1000
00:36:08,900 --> 00:36:13,369
me I'll check in again on this case

1001
00:36:11,659 --> 00:36:15,440
after the coroner has performed an

1002
00:36:13,369 --> 00:36:18,349
investigation and their report has been

1003
00:36:15,440 --> 00:36:21,260
made public until then a note for our

1004
00:36:18,349 --> 00:36:23,869
overseas lessness hong xin zhao is

1005
00:36:21,260 --> 00:36:26,060
scheduled to conduct workshops in sal

1006
00:36:23,869 --> 00:36:28,730
health and germany later this month in

1007
00:36:26,059 --> 00:36:31,369
hong kong in june in bandung in

1008
00:36:28,730 --> 00:36:34,699
indonesia in june and july and then in

1009
00:36:31,369 --> 00:36:37,279
seattle in the USA in august should his

1010
00:36:34,699 --> 00:36:39,829
tours still go ahead please keep an eye

1011
00:36:37,280 --> 00:36:42,170
on him unfortunately he slipped under

1012
00:36:39,829 --> 00:36:43,579

the radar for us here in Australia but

1013

00:36:42,170 --> 00:36:45,800

perhaps if he is scheduled to visit

1014

00:36:43,579 --> 00:36:48,139

where you live if you're in Germany Hong

1015

00:36:45,800 --> 00:36:50,210

Kong Indonesia or the United States

1016

00:36:48,139 --> 00:36:51,619

you'll be able to let people know what

1017

00:36:50,210 --> 00:36:56,199

is methods involved and there

1018

00:36:51,619 --> 00:36:56,199

potentially dangerous outcomes thank you

1019

00:37:03,099 --> 00:37:07,279

hi there Ross bolt here with an

1020

00:37:05,480 --> 00:37:09,829

Australian skeptics National Convention

1021

00:37:07,280 --> 00:37:11,450

update this week we are excited to

1022

00:37:09,829 --> 00:37:14,119

announce our final group of speakers

1023

00:37:11,449 --> 00:37:16,669

from the USA we are joined by veteran

1024

00:37:14,119 --> 00:37:18,529

skeptic campaigner Eugenie Scott we're

1025

00:37:16,670 --> 00:37:20,720

also pleased to welcome Theo Clark in

1026

00:37:18,530 --> 00:37:22,610

Chrissy Wilson Dave Hawks will be

1027
00:37:20,719 --> 00:37:24,349
joining our parenting skeptically panel

1028
00:37:22,610 --> 00:37:26,300
and I am pleased to introduce your host

1029
00:37:24,349 --> 00:37:28,730
for the event imaginary friend show

1030
00:37:26,300 --> 00:37:30,380
producer Jake far Wharton and skeptical

1031
00:37:28,730 --> 00:37:33,380
activist and writer chris stevenson

1032
00:37:30,380 --> 00:37:36,320
don't forget our other speakers Brian

1033
00:37:33,380 --> 00:37:39,410
Schmidt Joe Nickell Susan Kovac miles

1034
00:37:36,320 --> 00:37:42,320
power Lynn Kelly catan Joshi Loretta

1035
00:37:39,409 --> 00:37:45,049
Marin John Cook Mel Thompson Peter

1036
00:37:42,320 --> 00:37:46,970
Ellerton cigna k Nepali worland and our

1037
00:37:45,050 --> 00:37:49,280
parenting skeptically panel Joe

1038
00:37:46,969 --> 00:37:51,139
alabaster Lauren Cochran and Allison

1039
00:37:49,280 --> 00:37:53,090
Gaylord i'll also be giving a

1040
00:37:51,139 --> 00:37:55,250
presentation make sure you arrive in

1041
00:37:53,090 --> 00:37:57,320
Brisbane early our Friday skeptic camp

1042
00:37:55,250 --> 00:37:59,210
speaker roster is fully booked with some

1043
00:37:57,320 --> 00:38:01,220
great submissions and the welcome event

1044
00:37:59,210 --> 00:38:03,740
has an evening packed with entertainment

1045
00:38:01,219 --> 00:38:06,919
tickets are on sale now at convention

1046
00:38:03,739 --> 00:38:09,049
brisbane skeptics dog ensure your seat

1047
00:38:06,920 --> 00:38:11,000
at the front row with our premium and

1048
00:38:09,050 --> 00:38:12,590
early bird tickets do you want to help a

1049
00:38:11,000 --> 00:38:15,110
student or pension to attend the event

1050
00:38:12,590 --> 00:38:17,450
you can donate a half or full concession

1051
00:38:15,110 --> 00:38:19,070
ticket the Australian Skeptics National

1052
00:38:17,449 --> 00:38:20,929
convention will take place on the

1053
00:38:19,070 --> 00:38:24,670
sixteenth to the 18th of October this

1054
00:38:20,929 --> 00:38:24,669
year in Brisbane see you there

1055

00:38:33,969 --> 00:38:39,139
now as I mentioned at the top of the

1056
00:38:36,260 --> 00:38:42,140
show I was lucky enough to go along to

1057
00:38:39,139 --> 00:38:43,549
the immunization advocacy workshop now

1058
00:38:42,139 --> 00:38:45,618
there's a mouthful that was at the

1059
00:38:43,550 --> 00:38:48,080
University of New South Wales on the

1060
00:38:45,619 --> 00:38:49,789
twenty-eighth of April and it was so

1061
00:38:48,079 --> 00:38:51,529
good to see so many of my friends turn

1062
00:38:49,789 --> 00:38:53,900
up they flew in from her all over the

1063
00:38:51,530 --> 00:38:55,849
place including from the northern rivers

1064
00:38:53,900 --> 00:38:58,039
area for up there in mulund mini which

1065
00:38:55,849 --> 00:39:00,260
we talked about from time to time Alison

1066
00:38:58,039 --> 00:39:03,440
gala and Alison joins me on the line now

1067
00:39:00,260 --> 00:39:05,660
hello hello how are you I'm pretty well

1068
00:39:03,440 --> 00:39:07,579
today I'm having an interesting day it's

1069
00:39:05,659 --> 00:39:09,679

wet here in Sydney and I hear on the

1070

00:39:07,579 --> 00:39:12,230

news report this morning that there's

1071

00:39:09,679 --> 00:39:14,239

big storms heading your way yes we're

1072

00:39:12,230 --> 00:39:16,550

battening down the hatches and I know

1073

00:39:14,239 --> 00:39:18,348

what it's like when it really really

1074

00:39:16,550 --> 00:39:20,359

rains in mum and baby it's quite

1075

00:39:18,349 --> 00:39:22,099

something to see yeah it was quite a

1076

00:39:20,358 --> 00:39:25,340

drive doing the school run this morning

1077

00:39:22,099 --> 00:39:26,930

let me tell you that that takes me back

1078

00:39:25,340 --> 00:39:30,108

that takes me back now let's talk about

1079

00:39:26,929 --> 00:39:31,519

the day you and Heidi Robinson from the

1080

00:39:30,108 --> 00:39:33,679

Northern Rivers vaccination supporters

1081

00:39:31,519 --> 00:39:36,739

group flew down together with some other

1082

00:39:33,679 --> 00:39:41,210

people who did you have in tow and we

1083

00:39:36,739 --> 00:39:44,088

flew down with Rachel heap and Cathy

1084
00:39:41,210 --> 00:39:46,190
McGraw who are also involved with the

1085
00:39:44,088 --> 00:39:49,070
Northern Rivers vaccination supporters

1086
00:39:46,190 --> 00:39:51,470
group and it's it's such a good thing

1087
00:39:49,070 --> 00:39:56,260
that you did that did come in for the

1088
00:39:51,469 --> 00:39:59,689
day now this day was put on by the the

1089
00:39:56,260 --> 00:40:01,880
NHMRC center for research excellence in

1090
00:39:59,690 --> 00:40:04,099
population health research that's a

1091
00:40:01,880 --> 00:40:06,410
mouthful her Public Health Association

1092
00:40:04,099 --> 00:40:08,180
and I'm just got a little booklet in

1093
00:40:06,409 --> 00:40:11,179
front of me here and i believe it was

1094
00:40:08,179 --> 00:40:15,460
sponsored by the federal government and

1095
00:40:11,179 --> 00:40:20,230
yes and what they were wanting to do was

1096
00:40:15,460 --> 00:40:24,108
address the issue of vaccine hesitancy

1097
00:40:20,230 --> 00:40:28,219
nationally in Australia but not just

1098
00:40:24,108 --> 00:40:29,900
people that are nervous about

1099
00:40:28,219 --> 00:40:33,259
vaccinations but also within the

1100
00:40:29,900 --> 00:40:35,210
indigenous communities and migrant

1101
00:40:33,260 --> 00:40:36,740
communities as well so it was really

1102
00:40:35,210 --> 00:40:38,449
interesting because we saw it from a

1103
00:40:36,739 --> 00:40:41,029
different perspective what an

1104
00:40:38,449 --> 00:40:42,469
interesting day it was it was the

1105
00:40:41,030 --> 00:40:44,630
morning session then we hit some morning

1106
00:40:42,469 --> 00:40:46,149
tea than the midday session and the

1107
00:40:44,630 --> 00:40:48,568
whole afternoon sessions will set

1108
00:40:46,150 --> 00:40:50,619
workshops the whole day dedicated to

1109
00:40:48,568 --> 00:40:53,199
helping get the message out to

1110
00:40:50,619 --> 00:40:56,380
communities how important vaccination is

1111
00:40:53,199 --> 00:40:58,629
and as you mentioned finding ways to

1112

00:40:56,380 --> 00:41:00,700
tackle people who are hesitant about

1113
00:40:58,630 --> 00:41:02,950
vaccinations and I do like that word it

1114
00:41:00,699 --> 00:41:06,009
doesn't mean they're deniers like some

1115
00:41:02,949 --> 00:41:08,679
of the people we battle who'd listen to

1116
00:41:06,010 --> 00:41:12,039
reason but they're they're probably at

1117
00:41:08,679 --> 00:41:13,929
some level quite understandably hesitant

1118
00:41:12,039 --> 00:41:16,150
or questioning because of all the bad

1119
00:41:13,929 --> 00:41:20,318
information they get well that's right

1120
00:41:16,150 --> 00:41:22,990
and what was also good that stopped the

1121
00:41:20,318 --> 00:41:29,349
avn were involved in the day as well

1122
00:41:22,989 --> 00:41:31,500
because they are battle to eliminate the

1123
00:41:29,349 --> 00:41:34,960
misinformation that's out there and if

1124
00:41:31,500 --> 00:41:37,929
they carry on doing the marvelous job

1125
00:41:34,960 --> 00:41:39,699
that they are doing it makes our job a

1126
00:41:37,929 --> 00:41:43,389

lot easier when we're talking to

1127

00:41:39,699 --> 00:41:46,358

hesitant parents about vaccinating their

1128

00:41:43,389 --> 00:41:49,210

families because it lessens the

1129

00:41:46,358 --> 00:41:51,969

likelihood of them being fed

1130

00:41:49,210 --> 00:41:53,889

misinformation and that they can then

1131

00:41:51,969 --> 00:41:57,338

get their information from credible

1132

00:41:53,889 --> 00:41:59,019

sources absolutely and stop the avian or

1133

00:41:57,338 --> 00:42:02,469

stop the Australian vaccination network

1134

00:41:59,019 --> 00:42:04,119

as they are known or oh it's interesting

1135

00:42:02,469 --> 00:42:05,980

that as our listeners know the

1136

00:42:04,119 --> 00:42:07,240

Australian vaccination Network were made

1137

00:42:05,980 --> 00:42:09,130

to change your name to ascertain

1138

00:42:07,239 --> 00:42:10,568

vaccination skeptics network it's

1139

00:42:09,130 --> 00:42:12,278

interesting that they got a lot of shout

1140

00:42:10,568 --> 00:42:14,318

outs and a lot of mentions actually from

1141
00:42:12,278 --> 00:42:17,469
from speakers during the day and they

1142
00:42:14,318 --> 00:42:19,920
were pointed out by one speaker who just

1143
00:42:17,469 --> 00:42:22,239
escapes me alone has a great example of

1144
00:42:19,920 --> 00:42:23,849
people who are really out there making a

1145
00:42:22,239 --> 00:42:28,538
difference in doing it in the right way

1146
00:42:23,849 --> 00:42:31,150
yes I'm I believe the person that made a

1147
00:42:28,539 --> 00:42:35,319
comment in that regard was a

1148
00:42:31,150 --> 00:42:37,150
pediatrician on a GP yeah um you know

1149
00:42:35,318 --> 00:42:40,239
from another state and it was just so

1150
00:42:37,150 --> 00:42:42,789
lovely to hear because um you know stop

1151
00:42:40,239 --> 00:42:46,949
the avian do face a lot of criticism in

1152
00:42:42,789 --> 00:42:49,390
the methods that they choose but like

1153
00:42:46,949 --> 00:42:53,199
they've always said that they're only

1154
00:42:49,389 --> 00:42:56,259
there to stop we Etienne they're not

1155
00:42:53,199 --> 00:42:58,480
there to advocate for vaccines they're

1156
00:42:56,260 --> 00:42:59,589
not there to offer advice or information

1157
00:42:58,480 --> 00:43:02,739
they

1158
00:42:59,588 --> 00:43:05,469
there to stop an organization and

1159
00:43:02,739 --> 00:43:10,900
similar organizations it's not just

1160
00:43:05,469 --> 00:43:13,798
limited to the avsn it so that people

1161
00:43:10,900 --> 00:43:18,099
can make informed choices collect

1162
00:43:13,798 --> 00:43:19,719
correctly absolutely and and after all

1163
00:43:18,099 --> 00:43:21,640
these years I think they're very

1164
00:43:19,719 --> 00:43:23,798
effective and even we can see that but

1165
00:43:21,639 --> 00:43:26,348
what I'll do now is I'll I'll play some

1166
00:43:23,798 --> 00:43:27,940
interviews I captured on the day

1167
00:43:26,349 --> 00:43:30,099
starting with our own dear friend and

1168
00:43:27,940 --> 00:43:33,659
reporter for the skeptic zone Heidi

1169

00:43:30,099 --> 00:43:36,369
Robertson well here we are at the

1170
00:43:33,659 --> 00:43:40,960
vaccination conference Heidi Robertson

1171
00:43:36,369 --> 00:43:42,910
hello hey hi having a good day waving to

1172
00:43:40,960 --> 00:43:46,449
people on stage no I'm just looking up

1173
00:43:42,909 --> 00:43:49,298
at the screen a couple of our little the

1174
00:43:46,449 --> 00:43:50,768
rivers vaccinations visit look at that

1175
00:43:49,298 --> 00:43:52,869
on the big demon up on the big screen

1176
00:43:50,768 --> 00:43:55,808
here yeah why have you come down here

1177
00:43:52,869 --> 00:43:57,969
today come down just as a support to

1178
00:43:55,809 --> 00:44:03,339
Rachel dr. Rachel heap who was on a

1179
00:43:57,969 --> 00:44:06,009
panel today for a immunization workshop

1180
00:44:03,338 --> 00:44:07,929
the panel specifically was on vaccine

1181
00:44:06,009 --> 00:44:09,548
hesitant parents and how to address

1182
00:44:07,929 --> 00:44:11,108
which we've just seen and it was quite a

1183
00:44:09,548 --> 00:44:13,358

good interesting it was excellent yeah

1184

00:44:11,108 --> 00:44:15,880

excellent we had Dave walks from stop

1185

00:44:13,358 --> 00:44:19,778

the ABN on the panel our doctor Rachel

1186

00:44:15,880 --> 00:44:22,210

heap we had Katie at well from I

1187

00:44:19,778 --> 00:44:25,409

immunized Australia who's that's also a

1188

00:44:22,210 --> 00:44:28,179

grassroots organization and a

1189

00:44:25,409 --> 00:44:29,960

pediatrician as well so it was very very

1190

00:44:28,179 --> 00:44:31,579

good very interesting

1191

00:44:29,960 --> 00:44:33,320

it's really good to see you come down

1192

00:44:31,579 --> 00:44:36,588

you've come down here with a arcing

1193

00:44:33,320 --> 00:44:37,789

gaylord it's just over there you flew

1194

00:44:36,588 --> 00:44:39,619

down all the way from the Northern

1195

00:44:37,789 --> 00:44:41,779

Rivers just to attend this conflict yeah

1196

00:44:39,619 --> 00:44:43,220

yeah this is what we've been wanting for

1197

00:44:41,780 --> 00:44:47,839

a couple of years we've been wanting

1198
00:44:43,219 --> 00:44:49,939
some attention on the unique cluster but

1199
00:44:47,838 --> 00:44:51,949
is the northern rivers and the same over

1200
00:44:49,940 --> 00:44:54,079
in Fremantle and other clusters in

1201
00:44:51,949 --> 00:44:56,149
Australia we want we want some attention

1202
00:44:54,079 --> 00:44:58,369
and some recognition that we need

1203
00:44:56,150 --> 00:45:01,250
different strategies to to address

1204
00:44:58,369 --> 00:45:03,619
what's going on in our region's I think

1205
00:45:01,250 --> 00:45:06,829
we'll learn a lot and we've got lunch

1206
00:45:03,619 --> 00:45:08,358
now than the whole afternoon yes should

1207
00:45:06,829 --> 00:45:11,500
be good you're going to talk to Rachel

1208
00:45:08,358 --> 00:45:11,500
I'm sure

1209
00:45:12,369 --> 00:45:17,710
well now I'll grab you for a quick

1210
00:45:14,739 --> 00:45:19,058
interview why I've got you for a benefit

1211
00:45:17,710 --> 00:45:22,240
of our audience who are you where are

1212
00:45:19,059 --> 00:45:23,619
you from my name is Rachel heap I am one

1213
00:45:22,239 --> 00:45:25,629
of the admins of Northern Rivers

1214
00:45:23,619 --> 00:45:27,759
fascination supporters and i'm also an

1215
00:45:25,630 --> 00:45:29,769
adult intensive care specialist that was

1216
00:45:27,759 --> 00:45:33,099
a very interesting panel discussion we

1217
00:45:29,768 --> 00:45:34,899
just had been about vaccine hesitant see

1218
00:45:33,099 --> 00:45:36,910
now this is an interesting term because

1219
00:45:34,900 --> 00:45:40,599
I'm so used to backs or vaccine denies

1220
00:45:36,909 --> 00:45:41,920
or refuses but vaccine hesitancy zai I'd

1221
00:45:40,599 --> 00:45:43,630
sort of quite like it in a way because

1222
00:45:41,920 --> 00:45:45,548
it sounds like someone you could talk to

1223
00:45:43,630 --> 00:45:47,079
and discuss things with absolutely and I

1224
00:45:45,548 --> 00:45:49,420
don't think it's fair to say that you

1225
00:45:47,079 --> 00:45:51,940
can't talk to anybody you can always

1226

00:45:49,420 --> 00:45:54,278
have a conversation and the framework of

1227
00:45:51,940 --> 00:45:56,170
parental attitudes towards vaccination

1228
00:45:54,278 --> 00:45:58,329
has included a wide range of parental

1229
00:45:56,170 --> 00:46:01,690
attitudes in court including hesitancy

1230
00:45:58,329 --> 00:46:04,778
and refusal they're actually they're all

1231
00:46:01,690 --> 00:46:07,539
just people who are scared who can be

1232
00:46:04,778 --> 00:46:09,489
reassured if you have access to a

1233
00:46:07,539 --> 00:46:11,559
culturally appropriate way to have those

1234
00:46:09,489 --> 00:46:12,639
conversations it's interesting you

1235
00:46:11,559 --> 00:46:13,778
should say that because earlier in the

1236
00:46:12,639 --> 00:46:15,788
day we had some people talking about

1237
00:46:13,778 --> 00:46:17,318
indigenous issues and saying that it's

1238
00:46:15,789 --> 00:46:20,170
very important to have the right people

1239
00:46:17,318 --> 00:46:21,639
to talk to them absolutely absolutely so

1240
00:46:20,170 --> 00:46:23,588

peer-to-peer conversations are

1241

00:46:21,639 --> 00:46:24,848

absolutely vital with the scientists in

1242

00:46:23,588 --> 00:46:27,400

the background to back up the

1243

00:46:24,849 --> 00:46:32,829

information to ensure that the message

1244

00:46:27,400 --> 00:46:34,470

they're sharing is accurate and true but

1245

00:46:32,829 --> 00:46:37,660

the power comes from the peer-to-peer

1246

00:46:34,469 --> 00:46:40,179

conversation and I consider my job as

1247

00:46:37,659 --> 00:46:42,608

the sort of the scientific backup from

1248

00:46:40,179 --> 00:46:44,518

the nrvs is to provide the information

1249

00:46:42,608 --> 00:46:47,108

for the parents to have peer-to-peer

1250

00:46:44,518 --> 00:46:48,848

conversations I'm happy to my

1251

00:46:47,108 --> 00:46:51,098

peer-to-peer conversations is to teach

1252

00:46:48,849 --> 00:46:54,130

the GPS to teach the medical students

1253

00:46:51,099 --> 00:46:56,079

and to provide the information and to

1254

00:46:54,130 --> 00:46:57,460

empower our community to have

1255
00:46:56,079 --> 00:46:59,349
peer-to-peer conversation as themselves

1256
00:46:57,460 --> 00:47:01,088
I think that's a wonderful idea look I

1257
00:46:59,349 --> 00:47:02,440
won't detain you any more because that

1258
00:47:01,088 --> 00:47:05,139
we both have to step out and get some

1259
00:47:02,440 --> 00:47:07,179
lunch thank you very

1260
00:47:05,139 --> 00:47:08,618
it's no surprise that I should bump into

1261
00:47:07,179 --> 00:47:10,808
Peter red bags manage here at the

1262
00:47:08,619 --> 00:47:12,900
conference how you finding it so far I'm

1263
00:47:10,809 --> 00:47:15,789
finally a very interesting so far so

1264
00:47:12,900 --> 00:47:17,559
certainly very useful stuff it is and

1265
00:47:15,789 --> 00:47:19,210
it's so nice to be somewhere where

1266
00:47:17,559 --> 00:47:21,569
people are having a raffle the same

1267
00:47:19,210 --> 00:47:24,190
conversation about vaccinations it is

1268
00:47:21,568 --> 00:47:25,210
but obviously when none of us are going

1269
00:47:24,190 --> 00:47:28,210
to agree with everything that's said to

1270
00:47:25,210 --> 00:47:29,769
die but because I think we've all got

1271
00:47:28,210 --> 00:47:31,809
different approaches to solving this sad

1272
00:47:29,768 --> 00:47:33,578
one yeah but certainly I think I

1273
00:47:31,809 --> 00:47:34,750
definitely getting this living with this

1274
00:47:33,579 --> 00:47:36,579
other people together to definitely

1275
00:47:34,750 --> 00:47:38,159
worthwhile because we're hearing various

1276
00:47:36,579 --> 00:47:40,298
opinions about how people can go about

1277
00:47:38,159 --> 00:47:41,828
getting the word about vaccinations out

1278
00:47:40,298 --> 00:47:43,750
there getting for people who are

1279
00:47:41,829 --> 00:47:46,930
hesitant getting the people who actually

1280
00:47:43,750 --> 00:47:48,849
refusing yeah and basically making us

1281
00:47:46,929 --> 00:47:50,980
all safer and healthier it's good and ER

1282
00:47:48,849 --> 00:47:52,298
stop the Australian vaccination network

1283

00:47:50,980 --> 00:47:54,670
has certainly got a lot of mentions

1284
00:47:52,298 --> 00:47:57,150
today they certainly have yes very

1285
00:47:54,670 --> 00:47:57,150
pleased about that

1286
00:47:58,608 --> 00:48:01,460
come up quite frequently and the

1287
00:47:59,900 --> 00:48:04,190
Northern Rivers vaccination people do

1288
00:48:01,460 --> 00:48:06,889
yeah well I think that I'll be like I

1289
00:48:04,190 --> 00:48:09,048
declare my vested interest here but I

1290
00:48:06,889 --> 00:48:10,969
think both those organizations on the

1291
00:48:09,048 --> 00:48:13,548
second one and all the rulers one grew

1292
00:48:10,969 --> 00:48:15,858
out of their say there yeah that we

1293
00:48:13,548 --> 00:48:17,239
really started it but I'd been fighting

1294
00:48:15,858 --> 00:48:18,739
them any vaccinations people for years

1295
00:48:17,239 --> 00:48:22,278
but what we knew too yeah it was

1296
00:48:18,739 --> 00:48:23,778
Facebook yes yes absolutely right but i

1297
00:48:22,278 --> 00:48:25,759

could write letters to the editor i can

1298

00:48:23,778 --> 00:48:27,679

do that that all the sudden we had a

1299

00:48:25,759 --> 00:48:29,900

resource there yeah we could pull

1300

00:48:27,679 --> 00:48:33,828

together originally about a thousand

1301

00:48:29,900 --> 00:48:35,710

people who as david said on me we

1302

00:48:33,829 --> 00:48:38,298

weren't just doctors there were lawyers

1303

00:48:35,710 --> 00:48:41,358

user account still a bureaucrat you know

1304

00:48:38,298 --> 00:48:43,009

every rock raphy works and we're able to

1305

00:48:41,358 --> 00:48:45,409

put a whole series of them skills to it

1306

00:48:43,009 --> 00:48:49,159

so when you people knew have two things

1307

00:48:45,409 --> 00:48:51,949

and most of the little bit that's true

1308

00:48:49,159 --> 00:48:54,348

no it's it's interesting because you and

1309

00:48:51,949 --> 00:48:55,730

I go back to the many years ago when i

1310

00:48:54,349 --> 00:48:58,338

went to that talk with you the

1311

00:48:55,730 --> 00:49:00,139

vaccination in vaccination network were

1312
00:48:58,338 --> 00:49:00,880
running where I was gobsmacked all those

1313
00:49:00,139 --> 00:49:04,179
years ago

1314
00:49:00,880 --> 00:49:06,818
but that was 2003 I think I think it was

1315
00:49:04,179 --> 00:49:08,679
we heard such gems as that the World

1316
00:49:06,818 --> 00:49:10,150
Health Organization put the Nazis in the

1317
00:49:08,679 --> 00:49:12,818
shame and things like that's right in

1318
00:49:10,150 --> 00:49:15,608
the shade but that were there were 350

1319
00:49:12,818 --> 00:49:17,288
so people at that seminar they've gone

1320
00:49:15,608 --> 00:49:19,449
they can't hold those seminars anymore

1321
00:49:17,289 --> 00:49:21,430
yeah they can't they can't put all those

1322
00:49:19,449 --> 00:49:23,348
mothers and their babies and parents

1323
00:49:21,429 --> 00:49:24,818
into a room and stand there and tell

1324
00:49:23,349 --> 00:49:27,278
them license to our but they did then

1325
00:49:24,818 --> 00:49:29,259
yeah it just doesn't work anymore it's

1326
00:49:27,278 --> 00:49:30,460
good all right we're holding our people

1327
00:49:29,259 --> 00:49:31,778
from their lunch this is a terrible

1328
00:49:30,460 --> 00:49:36,940
thing thanks very my going to be to

1329
00:49:31,778 --> 00:49:38,650
thank you so there's some comments from

1330
00:49:36,940 --> 00:49:41,079
the day itself it was quite good it was

1331
00:49:38,650 --> 00:49:46,259
quite well attended what did you learn

1332
00:49:41,079 --> 00:49:49,619
from the day Alison I picked up some

1333
00:49:46,259 --> 00:49:54,150
more methods of addressing hesitancy I

1334
00:49:49,619 --> 00:49:57,910
learnt a lot from the indigenous

1335
00:49:54,150 --> 00:50:01,750
presentations and but as well as that I

1336
00:49:57,909 --> 00:50:04,118
think I also learnt that we were able to

1337
00:50:01,750 --> 00:50:08,460
communicate and get our point across

1338
00:50:04,119 --> 00:50:12,369
with people who are researchers who are

1339
00:50:08,460 --> 00:50:14,559
academics that may not necessarily be on

1340

00:50:12,369 --> 00:50:17,769
the ground as we are so I think it was a

1341
00:50:14,559 --> 00:50:21,970
great opportunity for us to present what

1342
00:50:17,768 --> 00:50:25,419
it's like for us at Ground Zero when

1343
00:50:21,969 --> 00:50:28,449
we're talking to people and what we face

1344
00:50:25,420 --> 00:50:31,210
when we're trying to raise the

1345
00:50:28,449 --> 00:50:33,189
immunization levels in the area yeah it

1346
00:50:31,210 --> 00:50:34,929
was a really really useful day all

1347
00:50:33,190 --> 00:50:36,990
around I saw some really interesting

1348
00:50:34,929 --> 00:50:39,159
people that was great to see you

1349
00:50:36,989 --> 00:50:40,358
fantastic to see you and Heidi there of

1350
00:50:39,159 --> 00:50:43,210
course and the other members from the

1351
00:50:40,358 --> 00:50:45,808
the organization and I don't think I

1352
00:50:43,210 --> 00:50:48,699
could thank you allison because you i

1353
00:50:45,809 --> 00:50:50,319
twisted your arm i twisted your vocal

1354
00:50:48,699 --> 00:50:51,548

cords and you did the voiceover for the

1355

00:50:50,318 --> 00:50:53,739
ad i run occasionally for the

1356

00:50:51,548 --> 00:50:56,199
vaccination chronicles DVD and it was

1357

00:50:53,739 --> 00:50:58,538
because of that ad being on the skeptic

1358

00:50:56,199 --> 00:51:01,389
zone that our friends in sweden had the

1359

00:50:58,539 --> 00:51:03,519
idea to get a copy the DVD which is now

1360

00:51:01,389 --> 00:51:05,650
in swedish which is quite exciting and

1361

00:51:03,518 --> 00:51:08,439
the ones we've just heard recently that

1362

00:51:05,650 --> 00:51:11,440
the on YouTube the documentary has been

1363

00:51:08,440 --> 00:51:13,929
dubbed into Russian so it's just so

1364

00:51:11,440 --> 00:51:14,679
gratifying to know that a little bit of

1365

00:51:13,929 --> 00:51:16,419
effort from our

1366

00:51:14,679 --> 00:51:18,399
interview can result in something like

1367

00:51:16,420 --> 00:51:20,800
this important important message getting

1368

00:51:18,400 --> 00:51:23,019
out there around the world almost

1369
00:51:20,800 --> 00:51:25,840
definitely and something that's become

1370
00:51:23,019 --> 00:51:28,179
really apparent to me after the media

1371
00:51:25,840 --> 00:51:33,700
frenzy we've just encountered this last

1372
00:51:28,179 --> 00:51:36,149
weeks when the TV reporters were out on

1373
00:51:33,699 --> 00:51:39,369
the main street in mulund in be

1374
00:51:36,150 --> 00:51:42,130
interviewing local people about their

1375
00:51:39,369 --> 00:51:44,319
thoughts on vaccination and the new

1376
00:51:42,130 --> 00:51:48,309
policy that's coming in here in

1377
00:51:44,320 --> 00:51:51,519
Australia I was really surprised at the

1378
00:51:48,309 --> 00:51:54,219
amount of people that were being

1379
00:51:51,519 --> 00:51:58,300
interviewed that seemed to be vaccine

1380
00:51:54,219 --> 00:51:59,919
refuses but they were of a generation

1381
00:51:58,300 --> 00:52:00,910
where their children would have already

1382
00:51:59,920 --> 00:52:04,240
grown up and they were probably

1383
00:52:00,909 --> 00:52:06,429
grandparents so you know these are the

1384
00:52:04,239 --> 00:52:09,189
older people in our society that should

1385
00:52:06,429 --> 00:52:12,039
actually remember diseases like polio

1386
00:52:09,190 --> 00:52:15,159
and diphtheria so it's got me to

1387
00:52:12,039 --> 00:52:19,509
thinking this last week and i think i

1388
00:52:15,159 --> 00:52:22,929
mentioned to you that what Heidi and I

1389
00:52:19,510 --> 00:52:24,850
are going to do is going to promote the

1390
00:52:22,929 --> 00:52:29,639
hell out of the vaccination protocols

1391
00:52:24,849 --> 00:52:33,460
because I i want to remind those people

1392
00:52:29,639 --> 00:52:36,089
about a period not so long ago that they

1393
00:52:33,460 --> 00:52:39,869
should still be remembering and also as

1394
00:52:36,090 --> 00:52:42,160
elders of the community they should be

1395
00:52:39,869 --> 00:52:46,179
passing that information along and

1396
00:52:42,159 --> 00:52:50,859
they're not so Heidi and I are going to

1397

00:52:46,179 --> 00:52:53,219
be distributing the DVD at the Northern

1398
00:52:50,860 --> 00:52:56,620
Rivers vaccination supporters expense

1399
00:52:53,219 --> 00:52:59,319
we're going to you know put the costs

1400
00:52:56,619 --> 00:53:00,609
we've bought the DVDs we're going to do

1401
00:52:59,320 --> 00:53:04,420
the printing we're going to cover the

1402
00:53:00,610 --> 00:53:06,550
postage for local people and and I'll

1403
00:53:04,420 --> 00:53:11,559
even drop them off at people's houses on

1404
00:53:06,550 --> 00:53:13,690
eating and yes I you know I want to also

1405
00:53:11,559 --> 00:53:16,960
get in contact with the local Rotary and

1406
00:53:13,690 --> 00:53:18,970
lions clubs and but you know they're

1407
00:53:16,960 --> 00:53:21,760
slightly older people that are normally

1408
00:53:18,969 --> 00:53:23,559
members so if we can and distribute

1409
00:53:21,760 --> 00:53:25,900
amongst them they can pass them on to

1410
00:53:23,559 --> 00:53:29,619
family and friends

1411
00:53:25,900 --> 00:53:31,720

yeah I'm even debating going to the

1412
00:53:29,619 --> 00:53:35,170
nursing home and giving them a capital

1413
00:53:31,719 --> 00:53:37,808
DVDs as well so yes it's really got me

1414
00:53:35,170 --> 00:53:39,309
thinking wow that's fantastic it's it's

1415
00:53:37,809 --> 00:53:41,289
it's so good to know the people out

1416
00:53:39,309 --> 00:53:44,230
there like you are coming up with ideas

1417
00:53:41,289 --> 00:53:46,359
to help don't we really what we're doing

1418
00:53:44,230 --> 00:53:47,920
when you get down to it what we're doing

1419
00:53:46,358 --> 00:53:50,078
we're promoting good sense and good

1420
00:53:47,920 --> 00:53:52,720
science and any way we can do that

1421
00:53:50,079 --> 00:53:54,849
anywhere around the world I think it's a

1422
00:53:52,719 --> 00:53:56,139
very worthwhile thing so people in your

1423
00:53:54,849 --> 00:53:59,230
neck of the woods which is a North Coast

1424
00:53:56,139 --> 00:54:01,118
area of New South Wales and I could

1425
00:53:59,230 --> 00:54:02,710
probably say that the southern bits of

1426
00:54:01,119 --> 00:54:10,230
Queensland too so what's the website

1427
00:54:02,710 --> 00:54:14,318
they should go there to Alison ww nrvs

1428
00:54:10,230 --> 00:54:19,269
info is our website and they'll be able

1429
00:54:14,318 --> 00:54:22,509
to request a DVD from us I would say

1430
00:54:19,269 --> 00:54:24,278
that if people are interstate to us we

1431
00:54:22,510 --> 00:54:27,190
may have to charge your postage we're at

1432
00:54:24,278 --> 00:54:29,380
we're a grassroots group we have no

1433
00:54:27,190 --> 00:54:32,619
funding whatsoever everything's done out

1434
00:54:29,380 --> 00:54:34,869
of our own pockets so yeah but if its

1435
00:54:32,619 --> 00:54:36,880
people in the local area and you know

1436
00:54:34,869 --> 00:54:38,910
even southeast Queensland like you said

1437
00:54:36,880 --> 00:54:42,818
it's not that far over the border I'm

1438
00:54:38,909 --> 00:54:44,828
happy to put the postage costs that's

1439
00:54:42,818 --> 00:54:47,500
just fantastic well if people are

1440
00:54:44,829 --> 00:54:48,789
elsewhere in the world and other parts

1441
00:54:47,500 --> 00:54:50,500
of Australia they can always come to the

1442
00:54:48,789 --> 00:54:53,799
skeptics own website and have a look for

1443
00:54:50,500 --> 00:54:55,389
the DVD there but yes really for the

1444
00:54:53,798 --> 00:54:58,239
northern rivers area of New South Wales

1445
00:54:55,389 --> 00:55:00,429
where you are because the version of the

1446
00:54:58,239 --> 00:55:02,528
DVD I made for you is actually tailored

1447
00:55:00,429 --> 00:55:04,868
to that area with a special introduction

1448
00:55:02,528 --> 00:55:06,670
so that's probably the way to go yes it

1449
00:55:04,869 --> 00:55:09,910
is yes you did that wonderful

1450
00:55:06,670 --> 00:55:13,599
introduction at the beginning and which

1451
00:55:09,909 --> 00:55:16,149
we've tagged on to the the documentary

1452
00:55:13,599 --> 00:55:19,690
itself so yeah it's really particular

1453
00:55:16,150 --> 00:55:21,160
for this area but I'm you know it I'd

1454

00:55:19,690 --> 00:55:22,420
like everyone to see it to be honest

1455
00:55:21,159 --> 00:55:25,929
with you because I'd like everyone to

1456
00:55:22,420 --> 00:55:30,099
see what it's actually like here yes

1457
00:55:25,929 --> 00:55:31,568
it's quite a remarkable thing I keep

1458
00:55:30,099 --> 00:55:33,430
threatening to come up and visit I must

1459
00:55:31,568 --> 00:55:35,199
do that one day well listen Allison

1460
00:55:33,429 --> 00:55:38,049
Gaylord all the way up there in rainy

1461
00:55:35,199 --> 00:55:40,329
old wet soggy mullen bimbi

1462
00:55:38,050 --> 00:55:41,620
very much for your time today and thank

1463
00:55:40,329 --> 00:55:43,329
you very much for making the effort to

1464
00:55:41,619 --> 00:55:46,299
come down and being part of this

1465
00:55:43,329 --> 00:55:47,619
important day here in Sydney I'll thank

1466
00:55:46,300 --> 00:56:04,570
you so much rich and thank you for all

1467
00:55:47,619 --> 00:56:06,429
your support as well I know by good

1468
00:56:04,570 --> 00:56:08,500

crashbug a boardwalk a skeptic

1469

00:56:06,429 --> 00:56:10,059

worcestershire joshula is a skeptic we

1470

00:56:08,500 --> 00:56:12,789

service attack algo Python a cha'aka

1471

00:56:10,059 --> 00:56:14,799

hanukkah meet the skeptics on podcast

1472

00:56:12,789 --> 00:56:17,050

target or vision heritage from dr.

1473

00:56:14,800 --> 00:56:19,030

Prasad to the manual Travie like oh she

1474

00:56:17,050 --> 00:56:22,090

touched a critical gondola rosh hashanah

1475

00:56:19,030 --> 00:56:23,950

lips Urushi tea should i said at marys

1476

00:56:22,090 --> 00:56:25,990

20 and then he can shake member travelin

1477

00:56:23,949 --> 00:56:28,059

coca-cola tote or dvd born skeptic who

1478

00:56:25,989 --> 00:56:30,519

starts a shark 1 2 which is info @

1479

00:56:28,059 --> 00:56:32,079

skeptic push bond Hootie man tova by

1480

00:56:30,519 --> 00:56:34,750

Allen film at the facebook or done

1481

00:56:32,079 --> 00:56:37,000

cottage amita facebook.com / skeptic

1482

00:56:34,750 --> 00:56:41,440

gustar shaktiman tellez voila mint

1483
00:56:37,000 --> 00:56:43,780
wiring sarita dharamdas van ingen hi

1484
00:56:41,440 --> 00:56:45,970
this is garba raas co-president of the

1485
00:56:43,780 --> 00:56:47,680
hungarian skeptics society and chairman

1486
00:56:45,969 --> 00:56:50,139
of the European Council of skeptical

1487
00:56:47,679 --> 00:56:52,299
organizations as a listener of the

1488
00:56:50,139 --> 00:56:54,400
skeptic zone you probably agree that

1489
00:56:52,300 --> 00:56:56,580
educating others about pseudoscience and

1490
00:56:54,400 --> 00:56:59,139
critical thinking is an important task

1491
00:56:56,579 --> 00:57:01,029
if you are eager to take part in either

1492
00:56:59,139 --> 00:57:03,429
of these activities we would be happy to

1493
00:57:01,030 --> 00:57:09,850
hear from you don't hesitate to contact

1494
00:57:03,429 --> 00:57:12,039
us at www.adr.org info at skeptical hu

1495
00:57:09,849 --> 00:57:14,679
we also recommend you visiting our

1496
00:57:12,039 --> 00:57:16,779
Facebook page skeptic booster shot or

1497
00:57:14,679 --> 00:57:18,819
simply come and join us at one of our

1498
00:57:16,780 --> 00:57:20,880
events

1499
00:57:18,820 --> 00:57:20,880
you

1500
00:57:34,300 --> 00:57:38,780
thank you for listening to the skeptic

1501
00:57:36,920 --> 00:57:40,880
zone now coming up pretty soon for those

1502
00:57:38,780 --> 00:57:43,970
people who live in Sydney if you drop by

1503
00:57:40,880 --> 00:57:46,369
2042 cafe and deli which is in King

1504
00:57:43,969 --> 00:57:48,079
Street Newtown from the 11th of me

1505
00:57:46,369 --> 00:57:50,389
you'll be able to see an exhibition of

1506
00:57:48,079 --> 00:57:51,559
my photography it's very exciting i've

1507
00:57:50,389 --> 00:57:54,079
never had an exhibition of my

1508
00:57:51,559 --> 00:57:58,610
photography before drop by have a coffee

1509
00:57:54,079 --> 00:58:00,730
and i hope you enjoy my photography a

1510
00:57:58,610 --> 00:58:03,170
big thank you to josh god be for

1511

00:58:00,730 --> 00:58:04,659
stepping in and being our guest reporter

1512
00:58:03,170 --> 00:58:07,340
this week i think you did a great job

1513
00:58:04,659 --> 00:58:10,039
Josh look out I might ask you to do some

1514
00:58:07,340 --> 00:58:12,140
more reports in the future coming up on

1515
00:58:10,039 --> 00:58:14,050
the skeptic zone I hope to chat with the

1516
00:58:12,139 --> 00:58:16,909
one only james randi about the upcoming

1517
00:58:14,050 --> 00:58:18,830
amazing meeting in las vegas tam again

1518
00:58:16,909 --> 00:58:21,170
i'll be there helping out with a

1519
00:58:18,829 --> 00:58:23,539
million-dollar challenge as normal and

1520
00:58:21,170 --> 00:58:26,000
will be great to see skeptics own fans

1521
00:58:23,539 --> 00:58:27,889
at the amazing meeting i always have a

1522
00:58:26,000 --> 00:58:29,869
wonderful time then it's it's nice to

1523
00:58:27,889 --> 00:58:32,359
meet up with people from all over the

1524
00:58:29,869 --> 00:58:34,159
world more details about that coming up

1525
00:58:32,360 --> 00:58:36,710

but for this week this is Richard

1526

00:58:34,159 --> 00:58:42,949

Saunders signing off from Sydney

1527

00:58:36,710 --> 00:58:45,050

Australia you've been listening to the

1528

00:58:42,949 --> 00:58:49,309

skeptics own podcast visit our website

1529

00:58:45,050 --> 00:58:52,580

at wwc a petting zoo TV for contacts and

1530

00:58:49,309 --> 00:58:55,759

archive of all episodes since 2008 and

1531

00:58:52,579 --> 00:58:57,799

our online store please support the

1532

00:58:55,760 --> 00:59:01,160

skeptic zone by following us on twitter

1533

00:58:57,800 --> 00:59:04,670

at skeptic zone liking us on facebook

1534

00:59:01,159 --> 00:59:06,170

and leaving a review on iTunes you can

1535

00:59:04,670 --> 00:59:10,010

also show your support by subscribing

1536

00:59:06,170 --> 00:59:13,070

via paypal or as little as 99 cents a

1537

00:59:10,010 --> 00:59:14,690

week the skeptic zone is an independent

1538

00:59:13,070 --> 00:59:17,120

production the views and opinions

1539

00:59:14,690 --> 00:59:19,190

expressed on the skeptic zone and not

1540
00:59:17,119 --> 00:59:21,619
necessarily those Australian skeptic

1541
00:59:19,190 --> 00:59:24,429
Singh or any other skeptical

1542
00:59:21,619 --> 00:59:24,429
organization