

1
00:00:06,089 --> 00:00:13,939
welcome to the skeptic zone the podcast

2
00:00:09,119 --> 00:00:16,989
from Australia for science and reason

3
00:00:13,939 --> 00:00:16,989
[Applause]

4
00:00:17,149 --> 00:00:24,129
[Music]

5
00:00:21,660 --> 00:00:27,789
yes it's the skeptic zone podcast

6
00:00:24,129 --> 00:00:30,160
episode number 523 for the 28th of

7
00:00:27,789 --> 00:00:31,900
October 2018 richardsaunders here with

8
00:00:30,160 --> 00:00:33,128
you from Sydney Australia and I don't

9
00:00:31,899 --> 00:00:35,890
know if the microphone can pick it up

10
00:00:33,128 --> 00:00:38,829
but the birds are chirping outside this

11
00:00:35,890 --> 00:00:40,719
time of the year spring coming well some

12
00:00:38,829 --> 00:00:45,219
are coming or something like that all

13
00:00:40,719 --> 00:00:47,890
sorts of birds start to chirp outside

14
00:00:45,219 --> 00:00:50,170
the skeptics own window even at 4

15
00:00:47,890 --> 00:00:53,350
o'clock in the morning sometimes coming

16
00:00:50,170 --> 00:00:56,048
up on this week's show lots of

17
00:00:53,350 --> 00:00:57,698
interviews and reports from skeptic on a

18
00:00:56,048 --> 00:00:59,588
couple of weeks ago here in Sydney

19
00:00:57,698 --> 00:01:01,658
Australia are the Australian skeptics

20
00:00:59,588 --> 00:01:04,539
National Convention we're gonna kick off

21
00:01:01,658 --> 00:01:06,579
with well running around microphones i

22
00:01:04,540 --> 00:01:08,740
chat to mandelino with one of our

23
00:01:06,579 --> 00:01:11,469
reporters another one of our reporters

24
00:01:08,739 --> 00:01:14,228
Heidi Robertson the raw skeptic the

25
00:01:11,469 --> 00:01:17,289
guerrilla skepticism on Wikipedia team

26
00:01:14,228 --> 00:01:20,438
who are at the convention and dr. sue

27
00:01:17,290 --> 00:01:23,409
Blackmore one of the presenters Paul

28
00:01:20,438 --> 00:01:25,769
very informal all these people were sort

29

00:01:23,409 --> 00:01:28,210
of in the foyer of the convention

30
00:01:25,769 --> 00:01:30,759
chatting to people having a cup of tea

31
00:01:28,209 --> 00:01:32,889
that sort of thing which was a nice time

32
00:01:30,759 --> 00:01:34,750
to catch up with them following that a

33
00:01:32,890 --> 00:01:39,819
report from Australian skeptics for a

34
00:01:34,750 --> 00:01:44,349
plea or a a message how you yes you how

35
00:01:39,819 --> 00:01:47,618
you can send your ideas and be more

36
00:01:44,349 --> 00:01:50,468
involved with skepticism the Australian

37
00:01:47,618 --> 00:01:53,409
skeptics are looking for ideas and your

38
00:01:50,468 --> 00:01:53,890
input details coming up later on in the

39
00:01:53,409 --> 00:01:57,368
show

40
00:01:53,890 --> 00:02:00,248
then it's Maynard spooky action may not

41
00:01:57,368 --> 00:02:02,739
spooky action at a distance this week

42
00:02:00,248 --> 00:02:06,548
Evette don't Thurmont thus I babe part

43
00:02:02,739 --> 00:02:08,829

one may not end Eve it for a chatting

44

00:02:06,549 --> 00:02:10,450

for a long time so I've sort of split

45

00:02:08,830 --> 00:02:13,500

the interview up into three parts this

46

00:02:10,449 --> 00:02:17,259

week part one may not also check to

47

00:02:13,500 --> 00:02:19,150

doctor varam Sharma and Trish Han who

48

00:02:17,259 --> 00:02:21,159

you here on the skeptic zone from time

49

00:02:19,150 --> 00:02:23,860

to time now she's a woman I have a cup

50

00:02:21,159 --> 00:02:25,719

of coffee with when you hear the

51

00:02:23,860 --> 00:02:26,650

promotion for the good thinking society

52

00:02:25,719 --> 00:02:28,719

from time to time

53

00:02:26,650 --> 00:02:31,500

in fact Trish gave a really interesting

54

00:02:28,719 --> 00:02:31,500

talk about

55

00:02:31,550 --> 00:02:36,800

aimed at women now before we get into

56

00:02:34,879 --> 00:02:38,629

the show a quick reminder if you're in

57

00:02:36,800 --> 00:02:41,000

New Zealand or you're heading to New

58
00:02:38,629 --> 00:02:44,180
Zealand later next month

59
00:02:41,000 --> 00:02:46,669
the New Zealand skeptics conference is

60
00:02:44,180 --> 00:02:49,960
going to be held in Auckland from Friday

61
00:02:46,669 --> 00:02:52,579
the 16th to Sunday the 18th of November

62
00:02:49,960 --> 00:02:54,800
one of our committee members here from

63
00:02:52,580 --> 00:02:56,900
Australian skeptics Ian Bryce now

64
00:02:54,800 --> 00:02:59,030
challenge coordinator investigator will

65
00:02:56,900 --> 00:03:01,610
be heading over to give a talk and you

66
00:02:59,030 --> 00:03:05,840
can find out more at Conference dot

67
00:03:01,610 --> 00:03:09,110
skeptics dot NZ and if you're in Sydney

68
00:03:05,840 --> 00:03:11,900
Australia this Thursday the 1st of

69
00:03:09,110 --> 00:03:14,180
November at skeptics in the pub at the

70
00:03:11,900 --> 00:03:17,360
Occidental hotel just near Wynyard

71
00:03:14,180 --> 00:03:19,939
station we have our guest is David

72
00:03:17,360 --> 00:03:22,820
Rosenberg he'll be talking about his

73
00:03:19,939 --> 00:03:24,109
book Pine Gap now you would have heard a

74
00:03:22,819 --> 00:03:25,909
couple of interviews with David

75
00:03:24,110 --> 00:03:28,880
Rosenberg over the last few weeks on the

76
00:03:25,909 --> 00:03:31,549
skeptics urn now everybody's welcome to

77
00:03:28,879 --> 00:03:34,819
come along to skeptics in the pub in

78
00:03:31,550 --> 00:03:37,640
Sydney but if you want to be kept up to

79
00:03:34,819 --> 00:03:43,750
date you can join the meetup group which

80
00:03:37,639 --> 00:03:46,549
is meetup.com slash Aust a ust skeptics

81
00:03:43,750 --> 00:03:48,590
I'll link to that in the show notes it's

82
00:03:46,550 --> 00:03:50,030
the first Thursday of every month and we

83
00:03:48,590 --> 00:03:52,280
always try to have an interesting

84
00:03:50,030 --> 00:03:53,810
speaker for you all right I don't know

85
00:03:52,280 --> 00:03:57,650
where those skeptics own cats are this

86

00:03:53,810 --> 00:04:01,069
week they were around a bit before I'm

87
00:03:57,650 --> 00:04:05,330
gonna run downstairs I'm gonna open a

88
00:04:01,069 --> 00:04:07,340
tin of cat food give the skeptics own

89
00:04:05,330 --> 00:04:09,620
catch their dinner while I'm doing that

90
00:04:07,340 --> 00:04:17,920
I hope you enjoy the skeptic zone

91
00:04:09,620 --> 00:04:20,949
[Music]

92
00:04:17,920 --> 00:04:27,569
[Applause]

93
00:04:20,949 --> 00:04:27,568
[Music]

94
00:04:29,970 --> 00:04:34,180
I'm walking out into the foyer here with

95
00:04:33,490 --> 00:04:35,889
me neither

96
00:04:34,180 --> 00:04:37,329
lots of people here may not looks pretty

97
00:04:35,889 --> 00:04:38,560
good look everyone's really busy lots of

98
00:04:37,329 --> 00:04:40,569
people of toners try and get a bargain

99
00:04:38,560 --> 00:04:42,220
at one of the stalls so there's a lot of

100
00:04:40,569 --> 00:04:44,349

people buying a good tour it's good to

101

00:04:42,220 --> 00:04:46,389

get a good it's got a sceptical good Oh

102

00:04:44,350 --> 00:04:46,870

get in left Brian if that was buying a

103

00:04:46,389 --> 00:04:49,418

good

104

00:04:46,870 --> 00:04:51,220

oh yes yet the heck of a good damn it's

105

00:04:49,418 --> 00:04:52,508

been good buying going on here photos

106

00:04:51,220 --> 00:04:54,780

let's just go chapter a few people let's

107

00:04:52,509 --> 00:04:54,780

do that

108

00:04:55,168 --> 00:04:59,258

it's all happening here in the foyer of

109

00:04:57,639 --> 00:05:02,019

the Australian skeptics convention

110

00:04:59,259 --> 00:05:04,330

skeptic on goodness me it's skeptic zone

111

00:05:02,019 --> 00:05:07,120

reporter Mandy lean Noble the diet

112

00:05:04,329 --> 00:05:09,250

skeptic hello hello Richard hey Joey um

113

00:05:07,120 --> 00:05:10,240

well it's great to see you here looks

114

00:05:09,250 --> 00:05:13,060

like we're in for a great conference

115
00:05:10,240 --> 00:05:15,098
yeah there's some a lot of people

116
00:05:13,060 --> 00:05:16,810
arriving everyone's really excited we

117
00:05:15,098 --> 00:05:18,909
could line up a speaker so it should be

118
00:05:16,810 --> 00:05:22,149
a good couple of days yeah kicking off

119
00:05:18,910 --> 00:05:24,070
off of dr. Karl who I just I think he's

120
00:05:22,149 --> 00:05:26,279
over there being mobbed by some fans at

121
00:05:24,069 --> 00:05:29,288
the moment he's explaining why the

122
00:05:26,279 --> 00:05:31,448
quickest way to the glare focus I think

123
00:05:29,288 --> 00:05:31,839
is fire and time to care or something

124
00:05:31,449 --> 00:05:33,669
like that

125
00:05:31,839 --> 00:05:36,310
he's doing a bit of science on the fly

126
00:05:33,668 --> 00:05:38,589
as he does it sounds exactly like what

127
00:05:36,310 --> 00:05:42,449
something dr. Karl would say he's

128
00:05:38,589 --> 00:05:45,158
drawing diagrams on the back of his pass

129
00:05:42,449 --> 00:05:46,720
I'll be a collector's item no it's great

130
00:05:45,158 --> 00:05:48,490
the scene here folks people are grabbing

131
00:05:46,720 --> 00:05:50,889
some last minute coffees milling around

132
00:05:48,490 --> 00:05:52,538
at the registration desk the tip

133
00:05:50,889 --> 00:05:54,430
t-shirts are going did you see the

134
00:05:52,538 --> 00:05:56,978
t-shirt there is some rather nifty

135
00:05:54,430 --> 00:05:59,139
looking merchandise this year some fun

136
00:05:56,978 --> 00:06:00,300
cartoons on the front of t-shirts and

137
00:05:59,139 --> 00:06:02,370
things

138
00:06:00,300 --> 00:06:06,329
it looks like it's gonna be a fabulous

139
00:06:02,370 --> 00:06:08,610
weekend and of course committee over

140
00:06:06,329 --> 00:06:10,620
there they look calm on the outside but

141
00:06:08,610 --> 00:06:13,288
not on the inside there no they're doing

142
00:06:10,620 --> 00:06:15,598
ok no doubt they like the ducks on the

143

00:06:13,288 --> 00:06:17,339
water underneath it's going a million

144
00:06:15,598 --> 00:06:19,199
miles an hour those little beat people

145
00:06:17,339 --> 00:06:21,508
to play but it's really well organized

146
00:06:19,199 --> 00:06:24,408
and they've done a supreme job so

147
00:06:21,509 --> 00:06:27,270
alright and I see people already

148
00:06:24,408 --> 00:06:28,019
wandering in to get their seats so I'll

149
00:06:27,269 --> 00:06:29,519
let you do it

150
00:06:28,019 --> 00:06:34,468
thanks a lot Richard and I'll see you

151
00:06:29,519 --> 00:06:41,279
around hello it's skeptic zone reporter

152
00:06:34,468 --> 00:06:42,870
Heidi I know it's a good microphone

153
00:06:41,279 --> 00:06:44,008
thanks to the skipping zone listeners

154
00:06:42,870 --> 00:06:49,590
who paid for it it's a good microphone

155
00:06:44,009 --> 00:06:50,729
it we can handle your shrieks great to

156
00:06:49,589 --> 00:06:53,098
see you here thank you for coming down

157
00:06:50,728 --> 00:06:55,649

to be part of the fun oh it's very

158

00:06:53,098 --> 00:06:58,589

exciting and we've actually got Renee

159

00:06:55,649 --> 00:07:01,589

who's first skeptic on it is this year

160

00:06:58,589 --> 00:07:03,359

Renee is has been a member of our

161

00:07:01,589 --> 00:07:06,089

Northern Rivers vaccination supporters

162

00:07:03,360 --> 00:07:07,830

group for the five years since we formed

163

00:07:06,089 --> 00:07:09,899

and this is her first skip pickle and

164

00:07:07,829 --> 00:07:11,818

she's come down to have it to have a

165

00:07:09,899 --> 00:07:13,848

look to see what it's all about I hope

166

00:07:11,819 --> 00:07:18,210

you are in for a good time I'm very

167

00:07:13,848 --> 00:07:20,218

excited thank you Cheers

168

00:07:18,209 --> 00:07:22,468

just had a selfie with dr. cow so we're

169

00:07:20,218 --> 00:07:23,189

off to a good sound yeah after a very

170

00:07:22,468 --> 00:07:26,819

good start

171

00:07:23,189 --> 00:07:29,550

I'm loving it and I was saying to Renee

172
00:07:26,819 --> 00:07:31,259
I think it was dr. Karl who came up with

173
00:07:29,550 --> 00:07:33,918
the term selfie is that that's right

174
00:07:31,259 --> 00:07:33,919
yeah no

175
00:07:35,529 --> 00:07:41,599
I know you know your mr. memory he gives

176
00:07:38,720 --> 00:07:44,030
a talking way he he discovers that the

177
00:07:41,600 --> 00:07:46,129
first use of the term selfie I thought

178
00:07:44,029 --> 00:07:50,539
it was even he then he come up that

179
00:07:46,129 --> 00:07:52,659
knows me in fact there you go there's a

180
00:07:50,540 --> 00:07:56,180
listen to a saw in into fact-checked

181
00:07:52,660 --> 00:07:57,650
check we do we do all right well I'll

182
00:07:56,180 --> 00:07:59,629
let you do it and we'll be catching up

183
00:07:57,649 --> 00:08:01,609
over the course of the weekend very good

184
00:07:59,629 --> 00:08:02,829
looking forward to it way to write you

185
00:08:01,610 --> 00:08:04,910
thank you

186
00:08:02,829 --> 00:08:08,899
it's the table of guerrilla skepticism

187
00:08:04,910 --> 00:08:09,770
on Wikipedia gso W hello susan gerbic if

188
00:08:08,899 --> 00:08:13,069
you're listening of course you're

189
00:08:09,769 --> 00:08:15,680
listening and your team are here putting

190
00:08:13,069 --> 00:08:17,389
out the good word hello oh how are you

191
00:08:15,680 --> 00:08:19,519
I'm well how's it going with the

192
00:08:17,389 --> 00:08:21,349
guerrilla skeptics here in Sydney it's

193
00:08:19,519 --> 00:08:23,419
going really well we're having some good

194
00:08:21,350 --> 00:08:25,840
conversations with people and hopefully

195
00:08:23,420 --> 00:08:28,610
over the next two days we'll have more

196
00:08:25,839 --> 00:08:29,929
and people you're finding people don't

197
00:08:28,610 --> 00:08:32,090
know about it or they're interested I'm

198
00:08:29,930 --> 00:08:34,340
surprised that the number of people who

199
00:08:32,090 --> 00:08:36,259
don't know about guerrilla skeptics and

200

00:08:34,340 --> 00:08:38,990
they look at it and they say what is

201
00:08:36,259 --> 00:08:41,569
this and we're just explaining what it

202
00:08:38,990 --> 00:08:43,250
is and it's a it's a great group and

203
00:08:41,570 --> 00:08:45,820
we're doing a lot of great work on

204
00:08:43,250 --> 00:08:48,379
Wikipedia all over the world and I see

205
00:08:45,820 --> 00:08:49,520
in front of me that all the Flyers here

206
00:08:48,379 --> 00:08:54,639
little leaflets about guerrilla

207
00:08:49,519 --> 00:08:58,460
skepticism on Wikipedia and its look and

208
00:08:54,639 --> 00:09:00,419
stickers stickers are you can't go wrong

209
00:08:58,460 --> 00:09:03,480
with stickers

210
00:09:00,419 --> 00:09:05,699
so you put that together put that

211
00:09:03,480 --> 00:09:07,980
together but I did use information from

212
00:09:05,700 --> 00:09:11,129
a lot of other of the resale people to

213
00:09:07,980 --> 00:09:13,110
put it together so well there you are

214
00:09:11,129 --> 00:09:15,689

Susan go back we're checking in just for

215

00:09:13,110 --> 00:09:17,789

you and of course all the people who

216

00:09:15,690 --> 00:09:19,730

don't know about it we're suggesting a

217

00:09:17,789 --> 00:09:21,779

listen to the skeptic zone to learn more

218

00:09:19,730 --> 00:09:25,460

always a good idea

219

00:09:21,779 --> 00:09:25,459

thank you gorilla skeptics

220

00:09:32,220 --> 00:09:37,449

and I have one of the speakers here with

221

00:09:34,480 --> 00:09:39,310

resue Blackwell hello sue hello anyway

222

00:09:37,448 --> 00:09:42,159

you're here to tell us all about your

223

00:09:39,309 --> 00:09:44,768

interesting research into altered states

224

00:09:42,159 --> 00:09:46,659

or out-of-body experiences no it's very

225

00:09:44,769 --> 00:09:48,459

specifically out-of-body experiences and

226

00:09:46,659 --> 00:09:51,159

I have a new book out which sadly they

227

00:09:48,458 --> 00:09:52,539

haven't got here called seeing myself

228

00:09:51,159 --> 00:09:54,850

the new science of out-of-body

229
00:09:52,539 --> 00:09:57,490
experiences and it's basically my life's

230
00:09:54,850 --> 00:10:00,040
work and nobody cares because I had this

231
00:09:57,490 --> 00:10:02,528
amazing out-of-body experience in 1970

232
00:10:00,039 --> 00:10:04,419
which I couldn't explain and I got

233
00:10:02,528 --> 00:10:05,679
involved in research and then gave it up

234
00:10:04,419 --> 00:10:08,919
because I couldn't explain it

235
00:10:05,679 --> 00:10:11,528
and now 40 whatever five years later

236
00:10:08,919 --> 00:10:13,539
however many years we have the

237
00:10:11,528 --> 00:10:16,000
neuroscience and we know which bit of

238
00:10:13,539 --> 00:10:18,338
the brain is doing it and has to be

239
00:10:16,000 --> 00:10:19,480
disturbed in order to get you feeling

240
00:10:18,339 --> 00:10:21,970
that you're out of your body

241
00:10:19,480 --> 00:10:23,589
and the reason it's so interesting the

242
00:10:21,970 --> 00:10:25,990
reason is that bit of the brain the

243
00:10:23,589 --> 00:10:28,720
right temporoparietal junction is doing

244
00:10:25,990 --> 00:10:30,579
all the self constructing and keeping

245
00:10:28,720 --> 00:10:31,990
track of your body schema where your

246
00:10:30,578 --> 00:10:34,328
arms and legs are what your body is

247
00:10:31,990 --> 00:10:36,850
doing so it makes sense when you disturb

248
00:10:34,328 --> 00:10:39,250
that you get all these weird distortions

249
00:10:36,850 --> 00:10:42,370
of your body and at the extreme you got

250
00:10:39,250 --> 00:10:43,778
your body schema splits and you feel

251
00:10:42,370 --> 00:10:45,068
you're out of your body of course what

252
00:10:43,778 --> 00:10:46,419
you're seeing when you have this

253
00:10:45,068 --> 00:10:48,039
experience is not the truth you're

254
00:10:46,419 --> 00:10:50,259
seeing you know what you remember in

255
00:10:48,039 --> 00:10:52,000
your imagination but the feeling itself

256
00:10:50,259 --> 00:10:54,338
is absolutely real and caused by that

257

00:10:52,000 --> 00:10:56,259
that neural affected oh you've you're

258
00:10:54,339 --> 00:10:57,970
warrior and flying and all that sort of

259
00:10:56,259 --> 00:10:59,559
stuff yeah yeah because what your brain

260
00:10:57,970 --> 00:11:01,360
is doing is trying to get back to normal

261
00:10:59,559 --> 00:11:03,250
it's trying to integrate the information

262
00:11:01,360 --> 00:11:05,050
from your eyes and ears and your

263
00:11:03,250 --> 00:11:07,149
movement of your legs in your arms and

264
00:11:05,049 --> 00:11:10,599
get them all together to make a sensible

265
00:11:07,149 --> 00:11:12,068
body you know self-representation and it

266
00:11:10,600 --> 00:11:13,839
goes wrong so it's struggling all the

267
00:11:12,068 --> 00:11:15,969
time so you're flying and 300 and

268
00:11:13,839 --> 00:11:17,949
whizzing around and kind of trying to

269
00:11:15,970 --> 00:11:19,480
get back together again or else if you

270
00:11:17,948 --> 00:11:21,669
can relax you could just have fun

271
00:11:19,480 --> 00:11:23,769

couldn't enjoy it but the best thing is

272

00:11:21,669 --> 00:11:25,419

to know that it's not astral projection

273

00:11:23,769 --> 00:11:27,370

you know it's not an astral body going

274

00:11:25,419 --> 00:11:29,019

to another plane it's your brain doing

275

00:11:27,370 --> 00:11:31,060

amazingly clever things

276

00:11:29,019 --> 00:11:33,549

do we have an idea what the trigger is

277

00:11:31,059 --> 00:11:35,889

oh it could be lots of things I now know

278

00:11:33,549 --> 00:11:38,409

it's taken me you know all those decades

279

00:11:35,889 --> 00:11:40,208

to find out but it was probably a little

280

00:11:38,409 --> 00:11:42,429

bit economists a lot of sleep

281

00:11:40,208 --> 00:11:44,619

deprivation which specifically affects

282

00:11:42,429 --> 00:11:46,419

that bit of the brain and I've been

283

00:11:44,620 --> 00:11:48,100

having a Ouija board session which kind

284

00:11:46,419 --> 00:11:49,929

of deceiver like holding your arm out

285

00:11:48,100 --> 00:11:52,120

for hours with the glass moving around

286
00:11:49,929 --> 00:11:54,669
you know does make your body feel very

287
00:11:52,120 --> 00:11:57,009
weird so those things can do it but

288
00:11:54,669 --> 00:11:59,500
certain drugs will loosen up the body

289
00:11:57,009 --> 00:12:01,569
schema and injuries to the brain and so

290
00:11:59,500 --> 00:12:03,458
on it's anything which affects that

291
00:12:01,570 --> 00:12:05,890
selphie bit of the brain that bitless

292
00:12:03,458 --> 00:12:09,609
integrating yourself is back if that is

293
00:12:05,889 --> 00:12:11,559
affected then you can get this split so

294
00:12:09,610 --> 00:12:13,360
fascinating I cannot wait to see your

295
00:12:11,559 --> 00:12:14,949
presentation a bit later on thank you

296
00:12:13,360 --> 00:12:17,310
very much they're great to talk to you

297
00:12:14,950 --> 00:12:17,310
thank you

298
00:12:24,659 --> 00:12:31,159
[Music]

299
00:12:27,309 --> 00:12:32,899
this is NASA her eyes she a flat earth

300
00:12:31,159 --> 00:12:35,480
but we should lie to everybody about it

301
00:12:32,899 --> 00:12:38,600
and say it's round 10 for maximum fun

302
00:12:35,480 --> 00:12:41,779
brings you the latest podcast an expose

303
00:12:38,600 --> 00:12:43,730
aren't the Flat Earth I want to take

304
00:12:41,779 --> 00:12:45,500
advantage of humankind and make them

305
00:12:43,730 --> 00:12:47,090
believe a lie so that they will trust us

306
00:12:45,500 --> 00:12:48,860
at the government it's all an elaborate

307
00:12:47,090 --> 00:12:50,690
lie and when you get on a plane they

308
00:12:48,860 --> 00:12:51,289
purposefully fly you farther than you

309
00:12:50,690 --> 00:12:53,630
need to go

310
00:12:51,289 --> 00:12:55,339
it's disgusting it needs to be stopped

311
00:12:53,629 --> 00:12:57,230
and if you listen to owner Ross and

312
00:12:55,340 --> 00:13:03,019
Carrie we will tell you the truth behind

313
00:12:57,230 --> 00:13:04,700
the lies we will just tell you the truth

314

00:13:03,019 --> 00:13:06,949
behind the truth because what we do is

315
00:13:04,700 --> 00:13:08,870
we look at extraordinary claims that's

316
00:13:06,950 --> 00:13:10,970
right we've gone undercover with

317
00:13:08,870 --> 00:13:13,419
alternative medical treatments fringe

318
00:13:10,970 --> 00:13:16,399
religious groups fringe science claims

319
00:13:13,419 --> 00:13:18,139
spiritual paranormal were there to check

320
00:13:16,399 --> 00:13:20,419
it out and let you know what happens is

321
00:13:18,139 --> 00:13:23,480
the Queen Mary haunted I don't know find

322
00:13:20,419 --> 00:13:25,459
out we show up we make friends we learn

323
00:13:23,480 --> 00:13:27,560
what happens when you ask questions and

324
00:13:25,460 --> 00:13:30,139
we tell you all about it and we get all

325
00:13:27,559 --> 00:13:33,809
that funky stuff done to us it's oh no

326
00:13:30,139 --> 00:13:37,039
Ross and carry a maximum fund org

327
00:13:33,809 --> 00:13:37,039
[Music]

328
00:13:38,129 --> 00:13:42,789

now here's a story that comes to us from

329

00:13:40,480 --> 00:13:45,909

the Australian skeptic skeptics calm

330

00:13:42,789 --> 00:13:50,799

today you Australian skeptics campaigns

331

00:13:45,909 --> 00:13:52,269

and investigations have your say by tim

332

00:13:50,799 --> 00:13:53,629

Mendham published on the 1st of October

333

00:13:52,269 --> 00:13:56,759

2018

334

00:13:53,629 --> 00:13:56,759

[Music]

335

00:13:57,720 --> 00:14:02,740

Australian skeptics Inc is regularly

336

00:14:00,399 --> 00:14:04,870

involved at a range of campaigns and

337

00:14:02,740 --> 00:14:07,389

investigations some of which have been

338

00:14:04,870 --> 00:14:09,700

well publicized like the investigation

339

00:14:07,389 --> 00:14:12,600

into the power band wristband and others

340

00:14:09,700 --> 00:14:15,250

that are ongoing and still under wraps

341

00:14:12,600 --> 00:14:17,320

those are we have a subcommittee

342

00:14:15,250 --> 00:14:19,328

dedicated to special investigations

343
00:14:17,320 --> 00:14:22,089
headed up by noted sceptic Richard

344
00:14:19,328 --> 00:14:24,219
Saunders oh there you go

345
00:14:22,089 --> 00:14:26,740
who has been running investigations into

346
00:14:24,220 --> 00:14:28,778
everything from ghosts and Ghoulies the

347
00:14:26,740 --> 00:14:31,659
quack medical treatments for some time

348
00:14:28,778 --> 00:14:35,110
now sure I have we also have ad hoc

349
00:14:31,659 --> 00:14:37,360
committees devoted to specific campaigns

350
00:14:35,110 --> 00:14:40,419
positive ones such as our recent

351
00:14:37,360 --> 00:14:42,690
vaccination and blood donor drives and

352
00:14:40,419 --> 00:14:45,129
more critical ones that proactively

353
00:14:42,690 --> 00:14:47,560
respond to the promotion of Wuan

354
00:14:45,129 --> 00:14:50,110
pseudoscience such as events put on by

355
00:14:47,559 --> 00:14:53,078
the anti vaccination proponents than

356
00:14:50,110 --> 00:14:56,019
those pushing unproven and disproven

357
00:14:53,078 --> 00:14:57,969
alternative medical practices in many

358
00:14:56,019 --> 00:14:59,828
cases we act in concert with other

359
00:14:57,970 --> 00:15:02,350
groups and individuals who are running

360
00:14:59,828 --> 00:15:05,549
their own programs whether in Australia

361
00:15:02,350 --> 00:15:08,560
or overseas we always welcome

362
00:15:05,549 --> 00:15:10,778
suggestions for new action items whether

363
00:15:08,559 --> 00:15:13,778
a person or organization that needs

364
00:15:10,778 --> 00:15:15,100
looking into or one that needs bringing

365
00:15:13,778 --> 00:15:18,370
to the attention of authorities the

366
00:15:15,100 --> 00:15:21,040
media and the public this is your chance

367
00:15:18,370 --> 00:15:23,769
to get involved feel free to contact us

368
00:15:21,039 --> 00:15:26,500
with your tips and suggestions you might

369
00:15:23,769 --> 00:15:28,570
also like to add your own active

370
00:15:26,500 --> 00:15:31,708
contribution and play a part in the

371

00:15:28,570 --> 00:15:34,149
campaign and/or investigation itself

372
00:15:31,708 --> 00:15:36,789
we'll be setting up a dedicated online

373
00:15:34,149 --> 00:15:38,470
page for this but in the meantime you

374
00:15:36,789 --> 00:15:43,429
can make your voice heard by writing to

375
00:15:38,470 --> 00:15:46,670
us at editor at skeptics comm dot a you

376
00:15:43,429 --> 00:15:46,669
[Music]

377
00:15:47,558 --> 00:15:52,969
so if you were want to have your say

378
00:15:50,448 --> 00:15:55,458
about being more involved in

379
00:15:52,970 --> 00:15:57,230
investigations I'll link to that page on

380
00:15:55,458 --> 00:16:19,159
this week's show nut

381
00:15:57,230 --> 00:16:23,279
[Music]

382
00:16:19,159 --> 00:16:26,309
dr. Harriet Hall MD no into thousands as

383
00:16:23,279 --> 00:16:29,429
the skeptic a retired family physician

384
00:16:26,309 --> 00:16:31,469
and former Air Force flight surgeon she

385
00:16:29,429 --> 00:16:33,169

writes about medicine so-called

386

00:16:31,470 --> 00:16:34,470

complementary and alternative medicine

387

00:16:33,169 --> 00:16:38,250

science

388

00:16:34,470 --> 00:16:40,889

pastry and critical thinking Harriet now

389

00:16:38,250 --> 00:16:43,320

has a free course a series of 10 video

390

00:16:40,889 --> 00:16:46,620

lectures on science-based medicine and

391

00:16:43,320 --> 00:16:48,750

alternative medicine the videos and an

392

00:16:46,620 --> 00:16:51,750

accompanying course guide can be found

393

00:16:48,750 --> 00:16:56,360

by following the link at skip doc info

394

00:16:51,750 --> 00:17:01,649

or by visiting web Randi's org slash

395

00:16:56,360 --> 00:17:04,079

educational - modules dot html' topics

396

00:17:01,649 --> 00:17:06,629

covered in the series are science-based

397

00:17:04,079 --> 00:17:10,439

medicine versus evidence-based medicine

398

00:17:06,630 --> 00:17:13,650

what is Kam chiropractic acupuncture

399

00:17:10,440 --> 00:17:16,440

homeopathy naturopathy and herbal

400
00:17:13,650 --> 00:17:19,140
medicine energy medicine miscellaneous

401
00:17:16,440 --> 00:17:22,140
alternatives pitfalls in research and

402
00:17:19,140 --> 00:17:25,890
science based medicine in the media and

403
00:17:22,140 --> 00:17:28,470
politics Harriette covers each topic in

404
00:17:25,890 --> 00:17:31,740
a matter-of-fact no-nonsense way that

405
00:17:28,470 --> 00:17:33,839
sure to educate and entertain skeptic

406
00:17:31,740 --> 00:17:45,159
dot info

407
00:17:33,839 --> 00:17:45,158
[Music]

408
00:17:45,309 --> 00:17:52,539
years may not spooky action at a

409
00:17:50,329 --> 00:17:52,539
distance

410
00:17:53,650 --> 00:17:57,320
well a lot of excitement a lot of things

411
00:17:55,819 --> 00:17:59,269
going on here it's still early in the

412
00:17:57,319 --> 00:18:01,220
conference of course there's been no

413
00:17:59,269 --> 00:18:03,049
major anger none of that's actually gone

414
00:18:01,220 --> 00:18:04,460
on yet but it could happen and someone

415
00:18:03,049 --> 00:18:08,149
who's scouting out the situation today

416
00:18:04,460 --> 00:18:10,610
is the scythe or hazard how you say your

417
00:18:08,150 --> 00:18:12,680
surname is fetch Dion trimmer we were

418
00:18:10,609 --> 00:18:14,299
close it's Yvette don't from all and and

419
00:18:12,680 --> 00:18:15,380
correct pronunciation on the side way

420
00:18:14,299 --> 00:18:17,329
but I don't think that was our concern

421
00:18:15,380 --> 00:18:18,860
and thank you for having me here at at

422
00:18:17,329 --> 00:18:20,659
Australian skeptics funk it's very

423
00:18:18,859 --> 00:18:23,389
exciting when do you lie he lost

424
00:18:20,660 --> 00:18:25,670
I was I was last in Australia about two

425
00:18:23,390 --> 00:18:27,560
years ago for four National Science Week

426
00:18:25,670 --> 00:18:28,970
and I had such a wonderful time I didn't

427
00:18:27,559 --> 00:18:31,099
get to Sydney last time though is mainly

428

00:18:28,970 --> 00:18:32,450
in Melbourne and I missed the coffee

429
00:18:31,099 --> 00:18:34,759
here so much

430
00:18:32,450 --> 00:18:36,620
yeah that's something we can I'm not

431
00:18:34,759 --> 00:18:39,140
really caught I have bad coffee in the

432
00:18:36,619 --> 00:18:40,879
morning that's I know I know I just try

433
00:18:39,140 --> 00:18:42,950
that in the way I go and what's so great

434
00:18:40,880 --> 00:18:45,200
about it here it's it's just well

435
00:18:42,950 --> 00:18:46,730
Starbucks over roast there being so much

436
00:18:45,200 --> 00:18:49,039
and we're used to burnt coffee and when

437
00:18:46,730 --> 00:18:50,839
you over roast you get rid of all those

438
00:18:49,039 --> 00:18:52,279
wonderful subtle notes and all you get

439
00:18:50,839 --> 00:18:54,289
is really this burnt flavor and it's

440
00:18:52,279 --> 00:18:56,420
kind of a bit of an acrylamide flavor

441
00:18:54,289 --> 00:18:58,759
which that's a carcinogen people your

442
00:18:56,420 --> 00:19:00,440

coffee has a carcinogen in it how did

443

00:18:58,759 --> 00:19:02,509

they get into the habit of doing that in

444

00:19:00,440 --> 00:19:04,250

the first place Jim Lee in America I I'm

445

00:19:02,509 --> 00:19:06,200

not sure I don't know who struck first

446

00:19:04,250 --> 00:19:07,730

but they blocked out the Sun but they

447

00:19:06,200 --> 00:19:09,890

you know it started with people thinking

448

00:19:07,730 --> 00:19:12,289

that you know dark roast was a stronger

449

00:19:09,890 --> 00:19:14,000

or or you know more because people want

450

00:19:12,289 --> 00:19:15,259

their caffeine in the morning and I

451

00:19:14,000 --> 00:19:17,180

think there was this general thought

452

00:19:15,259 --> 00:19:20,299

that the darker the roast this was a

453

00:19:17,180 --> 00:19:22,370

stronger hit in the morning and really

454

00:19:20,299 --> 00:19:24,740

the more you roast it the more you kill

455

00:19:22,369 --> 00:19:26,329

that caffeine as well so a lighter roast

456

00:19:24,740 --> 00:19:28,940

gives you all of this wonderful subtle

457
00:19:26,329 --> 00:19:30,710
subtle flavors and because where we are

458
00:19:28,940 --> 00:19:32,360
those hipsters my husband has actually

459
00:19:30,710 --> 00:19:34,309
started roasting our own beans and the

460
00:19:32,359 --> 00:19:35,779
support it takes you know it's next to

461
00:19:34,309 --> 00:19:38,000
penny-farthing bicycle in the pith

462
00:19:35,779 --> 00:19:40,039
helmet it's you know if I'm just saying

463
00:19:38,000 --> 00:19:42,640
if he starts if he starts wearing the

464
00:19:40,039 --> 00:19:45,109
the cat well he already has a beard and

465
00:19:42,640 --> 00:19:46,520
it's you know we're we're kind of

466
00:19:45,109 --> 00:19:49,099
self-admitted hipsters but it's really

467
00:19:46,519 --> 00:19:50,900
just the coffee it's it I like to say

468
00:19:49,099 --> 00:19:52,609
it's just the coffee have you ever been

469
00:19:50,900 --> 00:19:53,870
in a conference giving a talk where what

470
00:19:52,609 --> 00:19:56,089
I just mentioned earlier happens where

471
00:19:53,869 --> 00:19:57,379
someone gets up and go I wrote a PhD on

472
00:19:56,089 --> 00:19:59,779
what you're talking about and lady

473
00:19:57,380 --> 00:20:02,090
you're wrong anything it's I've never

474
00:19:59,779 --> 00:20:03,680
had someone get up and say I have a PhD

475
00:20:02,089 --> 00:20:04,678
in the subject and you're wrong but I've

476
00:20:03,680 --> 00:20:06,509
definitely had people

477
00:20:04,679 --> 00:20:08,429
yell at me that I'm wrong and it's the

478
00:20:06,509 --> 00:20:12,179
thing that I have people scream the most

479
00:20:08,429 --> 00:20:14,159
angrily about is is GMOs and that's the

480
00:20:12,179 --> 00:20:16,379
one like one day I hope that one just

481
00:20:14,159 --> 00:20:18,509
goes away and that people kind of accept

482
00:20:16,378 --> 00:20:20,128
it but it's everyone at every skeptic

483
00:20:18,509 --> 00:20:22,919
conference I go to knows this wonderful

484
00:20:20,128 --> 00:20:24,778
arthur c clarke quote any any

485

00:20:22,919 --> 00:20:26,278
efficiently advanced technology is

486
00:20:24,778 --> 00:20:27,659
indistinguishable from magic

487
00:20:26,278 --> 00:20:29,849
and i think that's kind of what's

488
00:20:27,659 --> 00:20:32,278
happening with GMOs because we're

489
00:20:29,849 --> 00:20:33,959
willing to accept new technology when

490
00:20:32,278 --> 00:20:35,398
it's in our phone when it's in the palm

491
00:20:33,960 --> 00:20:37,470
of our hand so that we can send that

492
00:20:35,398 --> 00:20:38,849
angry tweet saying GMOs are the devil

493
00:20:37,470 --> 00:20:41,038
but we don't want to accept the new

494
00:20:38,849 --> 00:20:42,689
technology even though it's much older

495
00:20:41,038 --> 00:20:45,359
than our iPhone when it's in the form of

496
00:20:42,690 --> 00:20:47,940
GMOs it's it's scary it's sound scary

497
00:20:45,359 --> 00:20:50,128
and it's very easy to make sound scarier

498
00:20:47,940 --> 00:20:51,538
on the internet so I hope people will

499
00:20:50,128 --> 00:20:53,819

look into what the scientists who

500

00:20:51,538 --> 00:20:56,128
actually study this for a living or

501

00:20:53,819 --> 00:20:58,259
saying about it because it is so less

502

00:20:56,128 --> 00:21:00,329
scarier and I fell for this one at one

503

00:20:58,259 --> 00:21:02,548
point in time too so I'm a convert from

504

00:21:00,329 --> 00:21:04,168
being afraid of GMOs I hope people will

505

00:21:02,548 --> 00:21:06,058
look into what the researchers say about

506

00:21:04,169 --> 00:21:08,730
this the actual researchers who work on

507

00:21:06,058 --> 00:21:10,710
this from listening to people at it and

508

00:21:08,730 --> 00:21:13,349
also a bit true in the vaccine community

509

00:21:10,710 --> 00:21:15,090
an T vaccine is that it's yeah they just

510

00:21:13,349 --> 00:21:17,339
trust the science but it made sense with

511

00:21:15,089 --> 00:21:19,798
the application of the capitalism to

512

00:21:17,339 --> 00:21:22,019
that science so the GMO is kind of a bit

513

00:21:19,798 --> 00:21:23,878
of a worry but then you link Monsanto

514
00:21:22,019 --> 00:21:25,079
with that and same with the thing all

515
00:21:23,878 --> 00:21:26,819
they're selling their vaccinations to

516
00:21:25,079 --> 00:21:28,648
make money so it seems to be the

517
00:21:26,819 --> 00:21:30,868
business application seems to be as much

518
00:21:28,648 --> 00:21:32,518
a worry it's oh and I totally understand

519
00:21:30,868 --> 00:21:33,839
that because you know once upon a time

520
00:21:32,519 --> 00:21:36,538
in Monsanto at this point has been

521
00:21:33,839 --> 00:21:38,278
bought by BAE or another another company

522
00:21:36,538 --> 00:21:39,658
that's in this field but no serious big

523
00:21:38,278 --> 00:21:41,038
German chemical company what could go

524
00:21:39,659 --> 00:21:42,179
wrong oh yeah that's not there's never

525
00:21:41,038 --> 00:21:43,408
been a problem there but I mean I

526
00:21:42,179 --> 00:21:45,990
understand why people might have that

527
00:21:43,409 --> 00:21:47,700
concern Monsanto in the last about 30

528
00:21:45,990 --> 00:21:49,679
years really did change from the company

529
00:21:47,700 --> 00:21:51,450
that they were once upon a time they

530
00:21:49,679 --> 00:21:53,399
moved away from being just purely a

531
00:21:51,450 --> 00:21:54,569
chemical company more into it and more

532
00:21:53,398 --> 00:21:56,008
into the seed business and there's

533
00:21:54,569 --> 00:21:57,960
always that rumor that oh they control

534
00:21:56,009 --> 00:22:00,450
the global seed supply they only had

535
00:21:57,960 --> 00:22:02,100
about five percent of the global seed

536
00:22:00,450 --> 00:22:04,590
supply it really is much more

537
00:22:02,099 --> 00:22:06,480
diversified than people believe and I

538
00:22:04,589 --> 00:22:08,819
know that people are worried about you

539
00:22:06,480 --> 00:22:10,919
know it all being a money grab this is

540
00:22:08,819 --> 00:22:14,779
something kind of interesting companies

541
00:22:10,919 --> 00:22:17,570
that make genetically modified seeds

542

00:22:14,779 --> 00:22:19,759
or sorry companies that make pesticides

543
00:22:17,569 --> 00:22:22,009
in some countries abroad are kind of

544
00:22:19,759 --> 00:22:23,779
pushing back against GMO companies

545
00:22:22,009 --> 00:22:26,480
because GMOs reduce the use of

546
00:22:23,779 --> 00:22:29,059
pesticides meta analyses have shown that

547
00:22:26,480 --> 00:22:32,000
GMOs reduce the use of pesticides on

548
00:22:29,059 --> 00:22:34,279
average by about 37 percent so there's

549
00:22:32,000 --> 00:22:35,569
you know pesticide companies that you

550
00:22:34,279 --> 00:22:36,859
know companies that don't produce seeds

551
00:22:35,569 --> 00:22:39,079
at all that they're hold bread and

552
00:22:36,859 --> 00:22:41,779
butter is the pesticides there they're

553
00:22:39,079 --> 00:22:43,159
gonna hurt from these GMOs and that I am

554
00:22:41,779 --> 00:22:45,470
okay with that you know the fewer

555
00:22:43,160 --> 00:22:47,990
chemicals and less dangerous chemicals

556
00:22:45,470 --> 00:22:50,180

we can use the better so I think we need

557

00:22:47,990 --> 00:22:52,069

to like you know there's there's money

558

00:22:50,180 --> 00:22:54,049

to be made from selling use but there's

559

00:22:52,069 --> 00:22:56,689

money to be made from selling a lot of

560

00:22:54,049 --> 00:22:57,769

seeds is the terminal seeds still a

561

00:22:56,690 --> 00:22:59,299

thing to where they don't germinate

562

00:22:57,769 --> 00:23:00,319

again you can only use them once the

563

00:22:59,299 --> 00:23:02,569

people seem to be lied about that too

564

00:23:00,319 --> 00:23:03,619

and that is an understandable concern I

565

00:23:02,569 --> 00:23:05,990

know it sounds scary we've engineered

566

00:23:03,619 --> 00:23:07,699

this to end but the the practice of

567

00:23:05,990 --> 00:23:09,859

saving seed number one farmers can still

568

00:23:07,700 --> 00:23:12,980

do that with other seed and number two

569

00:23:09,859 --> 00:23:15,199

it really is up to the company to decide

570

00:23:12,980 --> 00:23:17,779

how will they do this now to having the

571
00:23:15,200 --> 00:23:19,430
seed terminate and I'm not I want to

572
00:23:17,779 --> 00:23:21,349
double check on the technology so please

573
00:23:19,430 --> 00:23:24,019
whoever's out there listening to this

574
00:23:21,349 --> 00:23:26,359
please fact-check me on this but even

575
00:23:24,019 --> 00:23:28,940
with it being terminated of technology

576
00:23:26,359 --> 00:23:30,289
and having it so that they can't so that

577
00:23:28,940 --> 00:23:32,750
the farmers who buy it can't save the

578
00:23:30,289 --> 00:23:35,149
seed that's pretty standard because most

579
00:23:32,750 --> 00:23:37,160
farmers at this point if they want to

580
00:23:35,150 --> 00:23:39,259
save seed they're not buying from a

581
00:23:37,160 --> 00:23:42,410
large seed company like Monsanto it get

582
00:23:39,259 --> 00:23:44,180
it is a much the return on investment

583
00:23:42,410 --> 00:23:47,540
for them to just buy the seed and not

584
00:23:44,180 --> 00:23:49,160
save it is is a pretty good ROI given

585
00:23:47,539 --> 00:23:52,039
the performance of these types of seeds

586
00:23:49,160 --> 00:23:54,920
and whatnot so it's the Terminator G and

587
00:23:52,039 --> 00:23:57,079
it doesn't really it doesn't really do

588
00:23:54,920 --> 00:23:58,400
anything in terms of health to us long

589
00:23:57,079 --> 00:24:00,829
term it's not like you you know you eat

590
00:23:58,400 --> 00:24:02,330
the soybean that's not gonna that's not

591
00:24:00,829 --> 00:24:03,949
going to germinate again and you're not

592
00:24:02,329 --> 00:24:05,439
gonna jerk it doesn't do it I think I

593
00:24:03,950 --> 00:24:08,539
think and anything that's the concern

594
00:24:05,440 --> 00:24:10,580
but you know it's just it's it's just a

595
00:24:08,539 --> 00:24:12,139
plant and it's not the what happens to

596
00:24:10,579 --> 00:24:14,000
that little bit of its genetics it's not

597
00:24:12,140 --> 00:24:16,190
indicative of what's gonna happen to you

598
00:24:14,000 --> 00:24:18,079
when you eat it well that's the the wide

599

00:24:16,190 --> 00:24:20,180
picture with Monsanto or sang like that

600
00:24:18,079 --> 00:24:21,230
on the small picture retail is very

601
00:24:20,180 --> 00:24:22,460
suffering all over the world

602
00:24:21,230 --> 00:24:24,319
particularly here in Australia I'm sure

603
00:24:22,460 --> 00:24:25,730
retails a tough gig in the u.s. to

604
00:24:24,319 --> 00:24:27,230
there's probably two things you can

605
00:24:25,730 --> 00:24:29,480
really sell a well now and that is

606
00:24:27,230 --> 00:24:30,679
baby stuff or pet stuff is there those

607
00:24:29,480 --> 00:24:32,808
the things that people love and they'll

608
00:24:30,679 --> 00:24:34,940
buy lots of things for them is it woo in

609
00:24:32,808 --> 00:24:36,200
that area that tends to pop up more than

610
00:24:34,940 --> 00:24:37,730
anywhere else particular pets because

611
00:24:36,200 --> 00:24:40,429
they can't tell you this isn't working

612
00:24:37,730 --> 00:24:42,620
oh yes and I've seen homeopathic cures

613
00:24:40,429 --> 00:24:45,200

for our homeopathic remedies for pet

614

00:24:42,619 --> 00:24:46,969

things and a couple years ago from from

615

00:24:45,200 --> 00:24:48,440

doing a demonstration with it I actually

616

00:24:46,970 --> 00:24:50,899

managed to get one of the homeopathic

617

00:24:48,440 --> 00:24:53,570

pet remedies pulled from the market and

618

00:24:50,898 --> 00:24:56,089

it was a stuff called good dog and good

619

00:24:53,569 --> 00:24:58,308

dog claimed it was a homeopathic pet

620

00:24:56,089 --> 00:25:00,019

remedy and it said in the list now the

621

00:24:58,308 --> 00:25:01,638

way that homeopathic remedies are

622

00:25:00,019 --> 00:25:03,079

labeled is a little different than

623

00:25:01,638 --> 00:25:05,990

everything else when you look at a label

624

00:25:03,079 --> 00:25:09,199

on the paracetamol and the ibuprofen it

625

00:25:05,990 --> 00:25:10,519

says how many milligrams or grams of the

626

00:25:09,200 --> 00:25:12,409

active ingredient are in it when you

627

00:25:10,519 --> 00:25:14,419

look at a label on a product that has

628
00:25:12,409 --> 00:25:17,120
homeopathy is probably most listeners

629
00:25:14,419 --> 00:25:20,240
know it shows it by dilution and it has

630
00:25:17,119 --> 00:25:22,298
the list the ingredients listed in Latin

631
00:25:20,240 --> 00:25:25,278
now unless you are a dilution

632
00:25:22,298 --> 00:25:28,099
homeopathic mixer person and you also

633
00:25:25,278 --> 00:25:31,490
happen to speak Latin like who knows

634
00:25:28,099 --> 00:25:33,500
what 6x natrum muriaticum means it

635
00:25:31,490 --> 00:25:38,028
happen I believe it means you've diluted

636
00:25:33,500 --> 00:25:40,069
salt a solution of one one part salt in

637
00:25:38,028 --> 00:25:42,230
100 parts water I could be mixing up the

638
00:25:40,069 --> 00:25:45,048
things on that six times over so it

639
00:25:42,230 --> 00:25:48,139
Natura muriaticum sounds fancy it's salt

640
00:25:45,048 --> 00:25:50,509
its salt our Seneca mal is arsenic they

641
00:25:48,138 --> 00:25:52,638
have arsenic and belladonna and all of

642
00:25:50,509 --> 00:25:54,589
these as ingredients just in most cases

643
00:25:52,638 --> 00:25:56,148
diluted to the point where there's

644
00:25:54,589 --> 00:25:59,329
nothing left now back to the good dog

645
00:25:56,148 --> 00:26:01,129
you know it woof oh yes good dog

646
00:25:59,329 --> 00:26:03,500
so it's said that it had all of these as

647
00:26:01,130 --> 00:26:06,289
active ingredients and then in the

648
00:26:03,500 --> 00:26:09,349
inactive ingredients it had 13 percent

649
00:26:06,288 --> 00:26:11,750
alcohol that was this alcohol ACCA's

650
00:26:09,349 --> 00:26:16,398
wine so I made a little video of me

651
00:26:11,750 --> 00:26:18,259
getting drunk on this remedy what's 13

652
00:26:16,398 --> 00:26:20,808
percent alcohol that that would be an

653
00:26:18,259 --> 00:26:22,879
Evoque - oh now I'd be 120 now 20

654
00:26:20,808 --> 00:26:24,950
percent is and I've found I've also

655
00:26:22,880 --> 00:26:26,778
found a poem he experimented deeply and

656

00:26:24,950 --> 00:26:28,669
long into the night about this and I'm

657
00:26:26,778 --> 00:26:30,109
not a drinker so it I know it takes very

658
00:26:28,669 --> 00:26:31,820
little to get me drunk but I got a tiny

659
00:26:30,109 --> 00:26:34,158
little breathalyzer and showed here I am

660
00:26:31,819 --> 00:26:35,808
getting wasted on Dogma and but here's

661
00:26:34,159 --> 00:26:37,909
the thing dogs don't process alcohol

662
00:26:35,808 --> 00:26:39,000
well they really can't it's bad for

663
00:26:37,909 --> 00:26:40,830
their livers

664
00:26:39,000 --> 00:26:42,809
Sugar's are bad for them so now there

665
00:26:40,829 --> 00:26:44,369
are and I mean alcohol it is they cannot

666
00:26:42,809 --> 00:26:45,809
process it and I mean you know they

667
00:26:44,369 --> 00:26:47,639
could probably have a cap full of a

668
00:26:45,809 --> 00:26:49,679
stuff and be fine but there were people

669
00:26:47,640 --> 00:26:52,440
I looked on one of the websites of one

670
00:26:49,680 --> 00:26:53,970

of the pet stores that that sold it in

671

00:26:52,440 --> 00:26:55,920

the US and there were people saying you

672

00:26:53,970 --> 00:26:57,210

know this is great my dog is doing great

673

00:26:55,920 --> 00:27:00,060

on this I can't I have to buy two

674

00:26:57,210 --> 00:27:02,490

bottles a week I'm like your how is your

675

00:27:00,059 --> 00:27:05,669

dog man I hope your dogs big my god but

676

00:27:02,490 --> 00:27:07,349

they ended up pulling it after the video

677

00:27:05,670 --> 00:27:09,630

and after some outcry from a small

678

00:27:07,349 --> 00:27:12,149

petition but it's like you know just

679

00:27:09,630 --> 00:27:13,650

because something is natural or says you

680

00:27:12,150 --> 00:27:14,850

know works you know just because

681

00:27:13,650 --> 00:27:16,560

something says it works naturally

682

00:27:14,849 --> 00:27:18,750

doesn't mean it's good for your animal

683

00:27:16,559 --> 00:27:20,609

or for your baby like I'm sorry you know

684

00:27:18,750 --> 00:27:22,859

polio is natural this is not good for

685
00:27:20,609 --> 00:27:24,569
your child like please you know talk to

686
00:27:22,859 --> 00:27:26,459
your talk to your doctor talk to your

687
00:27:24,569 --> 00:27:28,409
veterinarian your pediatrician before

688
00:27:26,460 --> 00:27:30,840
you just look at a label and go oh it's

689
00:27:28,410 --> 00:27:32,340
natural because you know you your health

690
00:27:30,839 --> 00:27:34,799
your animals health your child's health

691
00:27:32,339 --> 00:27:36,990
they're they're worth it I mean I'm I'm

692
00:27:34,799 --> 00:27:38,460
a chemist who kind of knows how to read

693
00:27:36,990 --> 00:27:40,380
labels pretty well but I go to my doctor

694
00:27:38,460 --> 00:27:42,150
and to my registered dietician and to

695
00:27:40,380 --> 00:27:44,430
all of these experts who know more than

696
00:27:42,150 --> 00:27:45,600
me what I want to make sure I'm doing

697
00:27:44,430 --> 00:27:48,120
something right for my health so I urge

698
00:27:45,599 --> 00:27:50,279
you please do this do the same talk to

699
00:27:48,119 --> 00:27:52,619
an expert and what would you agree in I

700
00:27:50,279 --> 00:27:53,849
have my bachelor's in chemistry I also

701
00:27:52,619 --> 00:27:55,229
have a bachelor's in theatre you know

702
00:27:53,849 --> 00:27:56,939
the chemistry was because I wanted a

703
00:27:55,230 --> 00:27:59,279
career theater was because daddy didn't

704
00:27:56,940 --> 00:28:01,650
hug me enough it's it could be worse he

705
00:27:59,279 --> 00:28:03,450
could have hugged me too much and then I

706
00:28:01,650 --> 00:28:05,190
have a master's in forensics and by the

707
00:28:03,450 --> 00:28:06,690
way if those jokes made you sad I'm so

708
00:28:05,190 --> 00:28:10,320
it's my life I'm coping with it how I

709
00:28:06,690 --> 00:28:14,940
can combination the theatre forensics

710
00:28:10,319 --> 00:28:17,369
chemistry gallows humor all the roll

711
00:28:14,940 --> 00:28:18,930
around you want ch or Los Angeles or

712
00:28:17,369 --> 00:28:20,699
something with that with that resume cuz

713

00:28:18,930 --> 00:28:24,210

I would scream every time they go

714

00:28:20,700 --> 00:28:26,880

enhance enhance like no we don't have an

715

00:28:24,210 --> 00:28:29,819

answer lab they can read someone's

716

00:28:26,880 --> 00:28:32,130

reflection on a bolt on an aircraft yeah

717

00:28:29,819 --> 00:28:34,859

oh yeah it's a we can that's totally how

718

00:28:32,130 --> 00:28:36,990

it know I had one of the craziest things

719

00:28:34,859 --> 00:28:38,549

from X after I'd have my degree and had

720

00:28:36,990 --> 00:28:41,519

worked in the field a little bit I had a

721

00:28:38,549 --> 00:28:43,289

roommate who said to me and she she

722

00:28:41,519 --> 00:28:46,079

worked in I think she was a junior high

723

00:28:43,289 --> 00:28:47,339

history teacher and no offense to junior

724

00:28:46,079 --> 00:28:48,599

high Oh story teachers but I'm just

725

00:28:47,339 --> 00:28:50,939

saying I might know a little bit more

726

00:28:48,599 --> 00:28:51,849

about forensics this she does she's like

727

00:28:50,940 --> 00:28:54,340

you know I

728

00:28:51,849 --> 00:28:56,619

a friend who works in Los Angeles and

729

00:28:54,339 --> 00:28:58,629

she says that they have people who were

730

00:28:56,619 --> 00:29:00,369

who have degrees in this who really

731

00:28:58,630 --> 00:29:01,929

consult on these shows I'm like and I

732

00:29:00,369 --> 00:29:03,399

have a master this is in this and I'm

733

00:29:01,929 --> 00:29:04,929

telling you they just contaminated the

734

00:29:03,400 --> 00:29:06,160

crime scene okay

735

00:29:04,929 --> 00:29:08,320

they come in they walk around they

736

00:29:06,160 --> 00:29:09,940

aren't wearing the little booties like

737

00:29:08,319 --> 00:29:12,369

that yeah all that so stuff going on

738

00:29:09,940 --> 00:29:13,808

it's I mean there there is really some

739

00:29:12,369 --> 00:29:15,639

atrocious stuff that happens on the show

740

00:29:13,808 --> 00:29:17,410

so if you watch these shows and think oh

741

00:29:15,640 --> 00:29:19,450

yeah I could handle a crime scene

742
00:29:17,410 --> 00:29:20,769
no you couldn't like there's it was like

743
00:29:19,450 --> 00:29:22,240
it when they pick the gun up with the

744
00:29:20,769 --> 00:29:24,190
pencil and they don't check to see if

745
00:29:22,240 --> 00:29:26,380
the safety zone because the pencil could

746
00:29:24,190 --> 00:29:28,179
buy the gun there's there's so much

747
00:29:26,380 --> 00:29:30,280
there's just so much bad that happens

748
00:29:28,179 --> 00:29:31,240
there and there are a couple of there

749
00:29:30,279 --> 00:29:33,069
are a couple things that we have to

750
00:29:31,240 --> 00:29:34,808
remember in that are some guiding

751
00:29:33,069 --> 00:29:37,599
principles in forensics and number one

752
00:29:34,808 --> 00:29:40,119
is la cartes principle and that's every

753
00:29:37,599 --> 00:29:42,519
contact leaves a trace when you see

754
00:29:40,119 --> 00:29:45,279
anyone picking up an artifact or picking

755
00:29:42,519 --> 00:29:47,079
up something in a crime scene they're

756

00:29:45,279 --> 00:29:48,639

they're leaving a contact on it they

757

00:29:47,079 --> 00:29:49,928

might be leaving oils from their skin

758

00:29:48,640 --> 00:29:51,640

they might leave believing whatever they

759

00:29:49,929 --> 00:29:54,280

touch that day so when you have a murder

760

00:29:51,640 --> 00:29:55,690

scene when you have a serious crime

761

00:29:54,279 --> 00:29:57,158

scene like the type that they would be

762

00:29:55,690 --> 00:29:58,990

dealing with on these shows like because

763

00:29:57,159 --> 00:30:00,220

they're not they're not investigating a

764

00:29:58,990 --> 00:30:02,798

tiny little fender better they're

765

00:30:00,220 --> 00:30:05,140

investigating the big ones there would

766

00:30:02,798 --> 00:30:07,629

be people in full hat like in in full

767

00:30:05,140 --> 00:30:09,490

Tyvek suits for the initial

768

00:30:07,630 --> 00:30:11,230

investigation at least in in you know

769

00:30:09,490 --> 00:30:12,669

like I did my Master's training in

770

00:30:11,230 --> 00:30:15,370
England and that was how they handle

771
00:30:12,669 --> 00:30:16,690
them they're they have little racks that

772
00:30:15,369 --> 00:30:18,129
they kind of put over the floor so that

773
00:30:16,690 --> 00:30:20,320
your footprints aren't even

774
00:30:18,130 --> 00:30:22,750
contaminating the scene so they are not

775
00:30:20,319 --> 00:30:26,319
rustling anything that it's so cautious

776
00:30:22,750 --> 00:30:28,210
not to move a single hair or fiber out

777
00:30:26,319 --> 00:30:31,149
of place because within about four hours

778
00:30:28,210 --> 00:30:33,788
all the trace have about 80 90 percent

779
00:30:31,150 --> 00:30:35,350
of the trace evidence is just gone from

780
00:30:33,788 --> 00:30:37,359
the scene so I mean you know the

781
00:30:35,349 --> 00:30:39,569
obviously blood liquids will stay a

782
00:30:37,359 --> 00:30:42,250
little bit more a little bit longer but

783
00:30:39,569 --> 00:30:44,769
anything that is in trace that you want

784
00:30:42,250 --> 00:30:46,990

to pick up with with tape lifts that

785

00:30:44,769 --> 00:30:49,990

goes away quickly you have to work very

786

00:30:46,990 --> 00:30:51,190

quickly very cautiously and my god get

787

00:30:49,990 --> 00:30:52,870

your hair out of your face

788

00:30:51,190 --> 00:30:56,019

put a gloves on like whenever I see

789

00:30:52,869 --> 00:30:57,189

these I know that there's a hair but you

790

00:30:56,019 --> 00:30:59,558

know there's a hair and makeup artist

791

00:30:57,190 --> 00:31:01,990

that they did a wonderful job getting

792

00:30:59,558 --> 00:31:04,089

that hair looking beautiful and you know

793

00:31:01,990 --> 00:31:05,410

it - all of the hair people working on

794

00:31:04,089 --> 00:31:08,199

the CSI type shows

795

00:31:05,410 --> 00:31:10,210

you do beautiful work do beautiful work

796

00:31:08,200 --> 00:31:12,340

with ponytails man you can do beautiful

797

00:31:10,210 --> 00:31:14,740

work with ponytails be accurate with

798

00:31:12,339 --> 00:31:15,759

this you can like and I know that we

799
00:31:14,740 --> 00:31:17,559
don't have to have a hundred percent

800
00:31:15,759 --> 00:31:18,910
accurate science in these shows because

801
00:31:17,559 --> 00:31:20,829
you know science is kind of part of a

802
00:31:18,910 --> 00:31:22,750
plot device it gives us tension that's

803
00:31:20,829 --> 00:31:25,089
how it's it's used in those like I don't

804
00:31:22,750 --> 00:31:27,160
go to see the Avengers to learn quantum

805
00:31:25,089 --> 00:31:29,319
physics I go to watch I got to watch

806
00:31:27,160 --> 00:31:31,450
Tony Stark beat up a robot spaceship

807
00:31:29,319 --> 00:31:33,159
alien you know and and that's fine but

808
00:31:31,450 --> 00:31:36,580
like the stuff that we can fix the stuff

809
00:31:33,160 --> 00:31:38,980
that doesn't change the flow of a movie

810
00:31:36,579 --> 00:31:42,009
or a TV show and gives us a little bit

811
00:31:38,980 --> 00:31:43,900
more accuracy I think that that's okay

812
00:31:42,009 --> 00:31:46,390
to ask for that little bit more accuracy

813
00:31:43,900 --> 00:31:48,460
in it that's good demand if you like a

814
00:31:46,390 --> 00:31:49,780
bit of a forensic gym I would recommend

815
00:31:48,460 --> 00:31:51,579
a Charlie Brooker of course who did

816
00:31:49,779 --> 00:31:53,980
Black Mirror he produced a touch of

817
00:31:51,579 --> 00:31:56,829
cloth in the UK which is a parody of

818
00:31:53,980 --> 00:31:59,140
every English English long-winded crime

819
00:31:56,829 --> 00:32:00,759
shave ever seen you know an inspector

820
00:31:59,140 --> 00:32:03,190
visit so that sort of thing and he's got

821
00:32:00,759 --> 00:32:05,379
the same people acting it so it'll be it

822
00:32:03,190 --> 00:32:07,570
looks like a regular English slow-moving

823
00:32:05,380 --> 00:32:08,800
crime show like Inspector Morse except

824
00:32:07,569 --> 00:32:10,269
they're making jokes and it's great one

825
00:32:08,799 --> 00:32:12,789
about the forensics like the forensics

826
00:32:10,269 --> 00:32:14,319
woman is incredibly like she's sexually

827

00:32:12,789 --> 00:32:17,079
frustrated and she manages to get that

828
00:32:14,319 --> 00:32:18,609
into every single line until people are

829
00:32:17,079 --> 00:32:20,379
just and they love to have the great

830
00:32:18,609 --> 00:32:22,449
thing also English crime shows you have

831
00:32:20,380 --> 00:32:24,040
the black owner so you have perspex

832
00:32:22,450 --> 00:32:25,720
around the crime scene and he's telling

833
00:32:24,039 --> 00:32:27,279
everybody about it and occasionally the

834
00:32:25,720 --> 00:32:29,559
camera bumps into the perspex that's

835
00:32:27,279 --> 00:32:31,000
there because as Charlie Brooker said

836
00:32:29,559 --> 00:32:32,740
why is there perspex around a crime

837
00:32:31,000 --> 00:32:34,839
scene so the camera can shoot around it

838
00:32:32,740 --> 00:32:36,519
you would not have a perspex board where

839
00:32:34,839 --> 00:32:38,109
you put the clues up because why would

840
00:32:36,519 --> 00:32:40,029
you want to want the board like that so

841
00:32:38,109 --> 00:32:41,979

yeah it's quite a touch of cloth give it

842

00:32:40,029 --> 00:32:44,170

a look yeah I like to say that I had one

843

00:32:41,980 --> 00:32:47,079

of my professors in grad school he was a

844

00:32:44,170 --> 00:32:49,690

parody of a proper English CSI and his

845

00:32:47,079 --> 00:32:50,919

his name was and I'm gonna I didn't

846

00:32:49,690 --> 00:32:54,190

agenda guile mine he was saying

847

00:32:50,920 --> 00:32:56,529

something I apologize to anyone who to

848

00:32:54,190 --> 00:32:58,360

any of my British brethren out there I'm

849

00:32:56,529 --> 00:32:59,980

about to butcher his accident but really

850

00:32:58,359 --> 00:33:01,869

he talked kind of without moving his

851

00:32:59,980 --> 00:33:03,849

lips all that much who knows it was this

852

00:33:01,869 --> 00:33:05,739

very subdued accident but he didn't he

853

00:33:03,849 --> 00:33:07,419

didn't like the American forensics at

854

00:33:05,740 --> 00:33:09,099

all he thought that from the couple of

855

00:33:07,420 --> 00:33:10,600

cop shows that he'd seen that he

856
00:33:09,099 --> 00:33:12,189
completely understood the type of

857
00:33:10,599 --> 00:33:13,689
forensic scientist I would be and there

858
00:33:12,190 --> 00:33:15,670
was there's one day he was describing

859
00:33:13,690 --> 00:33:17,980
this cop show that kind of showed bad

860
00:33:15,670 --> 00:33:18,519
American forensics and I'm like yeah

861
00:33:17,980 --> 00:33:20,200
if you're

862
00:33:18,519 --> 00:33:22,029
watching cops you're watching idiots

863
00:33:20,200 --> 00:33:23,710
toil with other and I have no idea what

864
00:33:22,029 --> 00:33:25,509
show he was talking about but he salts

865
00:33:23,710 --> 00:33:27,819
describing the show to the class enough

866
00:33:25,509 --> 00:33:29,619
to after saying what it was he like it

867
00:33:27,819 --> 00:33:31,149
was like he turned just I was in only

868
00:33:29,619 --> 00:33:32,289
her that I was one of two Americans in

869
00:33:31,150 --> 00:33:35,080
the class but I was the loudmouth

870
00:33:32,289 --> 00:33:37,569
jackass nothing has changed he he turns

871
00:33:35,079 --> 00:33:39,609
his body to me and then this rants like

872
00:33:37,569 --> 00:33:42,279
he's like under Americans the way they

873
00:33:39,609 --> 00:33:44,589
do forensics is her I'm like my god Dave

874
00:33:42,279 --> 00:33:46,690
I get it but like instead of complaining

875
00:33:44,589 --> 00:33:48,789
about it to me build a better class of

876
00:33:46,690 --> 00:33:50,320
American forensic scientists I'm here

877
00:33:48,789 --> 00:33:52,029
learning from you not to get a lecture

878
00:33:50,319 --> 00:33:56,589
on all the guys who scraping it up

879
00:33:52,029 --> 00:33:57,609
before me we're in the green room now

880
00:33:56,589 --> 00:33:59,919
the Grammy was called that because

881
00:33:57,609 --> 00:34:01,809
actors before like often go on to a play

882
00:33:59,920 --> 00:34:03,130
uh sick and they turn green I think

883
00:34:01,809 --> 00:34:03,519
that's how it happened there Hoover got

884

00:34:03,130 --> 00:34:05,920
here

885
00:34:03,519 --> 00:34:08,349
I'm vom Sharma I'm a GP from Melbourne

886
00:34:05,920 --> 00:34:10,898
and fellow skeptic and that what's your

887
00:34:08,349 --> 00:34:12,639
panel going to be about so the panel is

888
00:34:10,898 --> 00:34:13,869
going to be something's wrong on the

889
00:34:12,639 --> 00:34:16,210
internet it's great to be addressing

890
00:34:13,869 --> 00:34:18,009
misinformation and con misconceptions

891
00:34:16,210 --> 00:34:19,720
perhaps about our health better and

892
00:34:18,010 --> 00:34:20,860
widespread they're just talking dr. Karl

893
00:34:19,719 --> 00:34:22,209
about this you said arguing on the

894
00:34:20,860 --> 00:34:24,429
Internet can be productive but it's

895
00:34:22,210 --> 00:34:26,949
often trolls and do get on there and

896
00:34:24,429 --> 00:34:29,559
argue much yourself or is it really not

897
00:34:26,949 --> 00:34:30,879
of much value I certainly discuss

898
00:34:29,559 --> 00:34:32,739

adequately discuss more than argue

899

00:34:30,880 --> 00:34:35,169

castle but yet the art of spotting the

900

00:34:32,739 --> 00:34:36,489

troll is pretty much half the battle and

901

00:34:35,168 --> 00:34:37,750

it's good as soon as you spot him you

902

00:34:36,489 --> 00:34:39,759

know you're gonna get nowhere and you

903

00:34:37,750 --> 00:34:41,079

can ignore them because 99% of the time

904

00:34:39,760 --> 00:34:43,270

all they really want is the attention

905

00:34:41,079 --> 00:34:45,309

and validation off your replies yeah

906

00:34:43,269 --> 00:34:46,840

because it is usually something kind of

907

00:34:45,309 --> 00:34:48,489

insulting that's meant to like get you

908

00:34:46,840 --> 00:34:49,419

back up and you go are a real person

909

00:34:48,489 --> 00:34:51,699

wouldn't argue with that

910

00:34:49,418 --> 00:34:54,369

exactly and they'd never dare do it to

911

00:34:51,699 --> 00:34:56,408

your face and so it's easy to kind of

912

00:34:54,369 --> 00:34:58,000

pick out the cowards and yeah I mean

913
00:34:56,409 --> 00:35:00,250
I've seen people were very good at kind

914
00:34:58,000 --> 00:35:02,710
of trolling back and we own all their

915
00:35:00,250 --> 00:35:05,050
powers but it's it's quite funny how

916
00:35:02,710 --> 00:35:06,670
just ignoring them get under their skin

917
00:35:05,050 --> 00:35:09,310
and the replies come one after another

918
00:35:06,670 --> 00:35:11,440
note tweets retweets not every like so

919
00:35:09,309 --> 00:35:13,690
and they're disappointed so with what

920
00:35:11,440 --> 00:35:14,889
what doctors don't know you probably

921
00:35:13,690 --> 00:35:16,659
won't get anyone that's gonna go out

922
00:35:14,889 --> 00:35:18,429
well homeopathy has the answer that's

923
00:35:16,659 --> 00:35:19,659
not going to happen here no that's not

924
00:35:18,429 --> 00:35:22,089
gonna happen here presumably that's

925
00:35:19,659 --> 00:35:23,409
right but on the other hand you know I'm

926
00:35:22,090 --> 00:35:25,000
going to be addressing perhaps there is

927
00:35:23,409 --> 00:35:26,440
some skepticism towards the doctors that

928
00:35:25,000 --> 00:35:28,900
maybe is well addressed and more

929
00:35:26,440 --> 00:35:30,650
importantly maybe doctors themselves can

930
00:35:28,900 --> 00:35:32,000
be more skeptical you know to

931
00:35:30,650 --> 00:35:33,380
normal thing in medicine to not have all

932
00:35:32,000 --> 00:35:34,699
the answers so there's still general

933
00:35:33,380 --> 00:35:36,559
principles of skepticism that we can

934
00:35:34,699 --> 00:35:37,699
apply well then I think GPUs are great

935
00:35:36,559 --> 00:35:39,380
because they're at the front line the

936
00:35:37,699 --> 00:35:41,480
coalface of everything that goes on and

937
00:35:39,380 --> 00:35:42,200
also you have to know at once you have

938
00:35:41,480 --> 00:35:44,900
know a little bit about everything

939
00:35:42,199 --> 00:35:46,699
because everything you'll have an STI

940
00:35:44,900 --> 00:35:48,079
then you'll have a psychological problem

941

00:35:46,699 --> 00:35:49,189
to deal with and then you might have a

942
00:35:48,079 --> 00:35:50,269
family thing that's going on the

943
00:35:49,190 --> 00:35:52,429
background you just have to know

944
00:35:50,269 --> 00:35:54,440
everything one after the other that's

945
00:35:52,429 --> 00:35:56,538
right and one of the challenges with

946
00:35:54,440 --> 00:35:58,130
that is in fact one of the null parts of

947
00:35:56,539 --> 00:35:59,539
the job of being a generalist is that

948
00:35:58,130 --> 00:36:01,608
you by definition

949
00:35:59,539 --> 00:36:03,710
don't know many things that's why you're

950
00:36:01,608 --> 00:36:05,509
a generalist and not a specialist so

951
00:36:03,710 --> 00:36:07,159
it's they say it's one of the most

952
00:36:05,510 --> 00:36:08,960
difficult aspects of the job and it

953
00:36:07,159 --> 00:36:11,088
takes a good decade or two is to become

954
00:36:08,960 --> 00:36:12,588
comfortable with sometimes not knowing

955
00:36:11,088 --> 00:36:14,328

and probably the best piece of advice I

956

00:36:12,588 --> 00:36:15,980

was given was your job as GPS not

957

00:36:14,329 --> 00:36:17,839

necessarily to know what the right

958

00:36:15,980 --> 00:36:20,809

answer it's to know what the next right

959

00:36:17,838 --> 00:36:22,639

thing is to do so there's a lot of good

960

00:36:20,809 --> 00:36:24,230

it's difficult finding comfort in the

961

00:36:22,639 --> 00:36:26,420

ignorant spirit but it's important and

962

00:36:24,230 --> 00:36:28,039

how do you do with the time constraints

963

00:36:26,420 --> 00:36:29,838

as well because sometimes you might have

964

00:36:28,039 --> 00:36:31,579

maybe as much as half an hour at

965

00:36:29,838 --> 00:36:33,288

somewhat tops and you've got a sob some

966

00:36:31,579 --> 00:36:34,609

difficult stuff in that time it's so

967

00:36:33,289 --> 00:36:36,589

funny he said half an hour because to me

968

00:36:34,608 --> 00:36:38,989

that's in the ER normally it's like

969

00:36:36,588 --> 00:36:41,028

normally it's 15 minutes but an extended

970
00:36:38,989 --> 00:36:42,199
one which I have had but some days has

971
00:36:41,028 --> 00:36:43,130
been that that's right and I mean

972
00:36:42,199 --> 00:36:45,318
there's some of the most satisfying

973
00:36:43,130 --> 00:36:46,490
consultation some of the longest ones in

974
00:36:45,318 --> 00:36:49,699
fact when I do there's longer

975
00:36:46,489 --> 00:36:51,469
consultations it really reminds me of

976
00:36:49,699 --> 00:36:52,969
what you know what we're losing out of

977
00:36:51,469 --> 00:36:54,739
medicine what patients are losing out on

978
00:36:52,969 --> 00:36:57,019
as well so much kind of rapport

979
00:36:54,739 --> 00:36:58,459
trust-building you know we can build a

980
00:36:57,019 --> 00:37:01,719
common understanding towards things

981
00:36:58,460 --> 00:37:04,699
which is very difficult to do in 15

982
00:37:01,719 --> 00:37:06,139
minutes so it's a constant challenge we

983
00:37:04,699 --> 00:37:08,808
have to put up with and if we can

984
00:37:06,139 --> 00:37:10,368
somehow align the the incentives and

985
00:37:08,809 --> 00:37:12,769
logistics to make those longer

986
00:37:10,369 --> 00:37:14,150
consultations easier I think healthcare

987
00:37:12,769 --> 00:37:16,130
is going to improve dramatically in

988
00:37:14,150 --> 00:37:17,838
certainly people's relationship with

989
00:37:16,130 --> 00:37:19,940
healthcare instead of a very unhealthy

990
00:37:17,838 --> 00:37:22,369
relationship we have as a result of the

991
00:37:19,940 --> 00:37:24,500
modern wellness movement oh yeah and

992
00:37:22,369 --> 00:37:25,789
have you get many people that who want

993
00:37:24,500 --> 00:37:27,260
you to sign something about them not to

994
00:37:25,789 --> 00:37:29,660
get vaccinated does that happen with the

995
00:37:27,260 --> 00:37:31,460
people in your area okay fortunately I

996
00:37:29,659 --> 00:37:33,170
happen to be practicing it was

997
00:37:31,460 --> 00:37:34,760
particularly well educated

998

00:37:33,170 --> 00:37:36,260
area so I'm often dealing with the

999
00:37:34,760 --> 00:37:38,750
opposite end which is people are very

1000
00:37:36,260 --> 00:37:40,010
kind of health anxious and have really

1001
00:37:38,750 --> 00:37:42,048
looked things up no usually done a

1002
00:37:40,010 --> 00:37:44,390
pretty good job of them however when I

1003
00:37:42,048 --> 00:37:45,768
have practiced here in other areas I

1004
00:37:44,389 --> 00:37:47,328
I've had a couple of parrots who kind of

1005
00:37:45,768 --> 00:37:49,909
come up to me and ask me to design

1006
00:37:47,329 --> 00:37:50,660
things and it's it's always a tough

1007
00:37:49,909 --> 00:37:52,578
consultation

1008
00:37:50,659 --> 00:37:54,048
yeah and is there is it mainly they're

1009
00:37:52,579 --> 00:37:55,130
suspicious of the science or at some

1010
00:37:54,048 --> 00:37:57,559
religious grounds they want the

1011
00:37:55,130 --> 00:37:58,818
exemption for I've had a bit of both

1012
00:37:57,559 --> 00:38:01,400

actually and when they've been

1013

00:37:58,818 --> 00:38:04,308

suspicious of the science and I think in

1014

00:38:01,400 --> 00:38:05,539

there I'm partly sympathetic because at

1015

00:38:04,309 --> 00:38:07,309

the end of the day they want the same

1016

00:38:05,539 --> 00:38:09,829

thing I want and everyone else wants the

1017

00:38:07,309 --> 00:38:11,150

best outcome for their child and so

1018

00:38:09,829 --> 00:38:13,130

there is a common ground there that we

1019

00:38:11,150 --> 00:38:15,410

can kind of start off on and I've

1020

00:38:13,130 --> 00:38:17,390

certainly had patients who come to me

1021

00:38:15,409 --> 00:38:19,219

who said in the past look I've refused

1022

00:38:17,389 --> 00:38:20,989

vaccines for me and my child before now

1023

00:38:19,219 --> 00:38:22,308

I want to get vaccinated so just I think

1024

00:38:20,989 --> 00:38:24,379

goes to show that you know you can't

1025

00:38:22,309 --> 00:38:26,809

make up for lost ground sometimes my

1026

00:38:24,380 --> 00:38:28,880

dad's ninety and he's advice to me these

1027
00:38:26,809 --> 00:38:30,740
two hobbies are going to Aldi and going

1028
00:38:28,880 --> 00:38:32,210
to the GP loves it loves doctors he

1029
00:38:30,739 --> 00:38:33,618
loves doctors because they listen to him

1030
00:38:32,210 --> 00:38:34,880
they're paid listened to and his thing

1031
00:38:33,619 --> 00:38:36,500
you still look he said son when you go

1032
00:38:34,880 --> 00:38:38,028
there you've got to make a list of what

1033
00:38:36,500 --> 00:38:39,619
you're gonna do and follow that list now

1034
00:38:38,028 --> 00:38:41,210
is that a good idea what a GP or does

1035
00:38:39,619 --> 00:38:43,309
that maybe stop you thinking of other

1036
00:38:41,210 --> 00:38:44,750
things that might be useful well in

1037
00:38:43,309 --> 00:38:46,548
terms of a list of problems to discuss

1038
00:38:44,750 --> 00:38:48,309
the regime generally speaking that's

1039
00:38:46,548 --> 00:38:50,449
actually a very good idea however

1040
00:38:48,309 --> 00:38:51,980
usually will happen with the experienced

1041
00:38:50,449 --> 00:38:53,838
GP is at the beginning of the

1042
00:38:51,980 --> 00:38:56,960
consultation they'll help you prioritize

1043
00:38:53,838 --> 00:38:58,159
that list so well yeah I have no more

1044
00:38:56,960 --> 00:39:00,199
than three things where my dad might

1045
00:38:58,159 --> 00:39:01,518
have six you say well yeah a long list

1046
00:39:00,199 --> 00:39:03,078
is always going to be an issue and which

1047
00:39:01,518 --> 00:39:04,699
is probably why he's a bit of a frequent

1048
00:39:03,079 --> 00:39:06,289
flyer which we're happy to see them over

1049
00:39:04,699 --> 00:39:08,598
multiple consultations that's totally

1050
00:39:06,289 --> 00:39:10,460
cool but you know the most important

1051
00:39:08,599 --> 00:39:11,900
things first and sometimes people come

1052
00:39:10,460 --> 00:39:13,490
in complaining of this you know fine

1053
00:39:11,900 --> 00:39:15,079
taste in their mouth oh and by the way

1054
00:39:13,489 --> 00:39:16,939
I've got this little eagle in my chest

1055

00:39:15,079 --> 00:39:18,859
area and sometimes we have to

1056
00:39:16,940 --> 00:39:21,230
reprioritize something I think this

1057
00:39:18,858 --> 00:39:22,969
chest tell me all its that yeah there's

1058
00:39:21,230 --> 00:39:24,108
been a few times I've had to say ma'am I

1059
00:39:22,969 --> 00:39:25,969
think you're gonna have to cancel your

1060
00:39:24,108 --> 00:39:28,909
holiday and say and go to the emergency

1061
00:39:25,969 --> 00:39:30,139
for the weekend yeah it's been tough Wow

1062
00:39:28,909 --> 00:39:31,489
and then as that being one of the most

1063
00:39:30,139 --> 00:39:33,199
difficult times you've had as a GP

1064
00:39:31,489 --> 00:39:34,639
because normally you don't get intensive

1065
00:39:33,199 --> 00:39:37,068
care kind of stuff coming in there but

1066
00:39:34,639 --> 00:39:39,139
occasionally it can coincide with a bad

1067
00:39:37,068 --> 00:39:41,509
episode I found it very challenging when

1068
00:39:39,139 --> 00:39:43,699
I was practicing in in rural areas

1069
00:39:41,509 --> 00:39:45,230

because there you see problems people

1070

00:39:43,699 --> 00:39:47,480

save up their stuff to come in and they

1071

00:39:45,230 --> 00:39:49,699

yeah they do exactly and it's not easy

1072

00:39:47,480 --> 00:39:51,380

to go access a hospital so often they're

1073

00:39:49,699 --> 00:39:53,509

coming to you with urgencies and

1074

00:39:51,380 --> 00:39:55,759

emergencies and you have to manage those

1075

00:39:53,509 --> 00:39:57,800

things so so much of your work as a

1076

00:39:55,759 --> 00:39:59,150

general practitioner so geographical Bay

1077

00:39:57,800 --> 00:40:00,560

and where you are that's going to govern

1078

00:39:59,150 --> 00:40:02,869

the kind of things you see so you need

1079

00:40:00,559 --> 00:40:04,250

to be an expert in those Wow okay look I

1080

00:40:02,869 --> 00:40:06,079

hope you go well out there I hope you

1081

00:40:04,250 --> 00:40:07,730

don't get anyone who happens to be with

1082

00:40:06,079 --> 00:40:08,989

a PhD and something you're talking about

1083

00:40:07,730 --> 00:40:11,840

and standing up and going you're wrong

1084
00:40:08,989 --> 00:40:14,989
sir well I actually I'm very happy to be

1085
00:40:11,840 --> 00:40:19,460
corrected so hopefully it's not as

1086
00:40:14,989 --> 00:40:20,779
violent a reaction is that but always

1087
00:40:19,460 --> 00:40:22,309
happy to be corrected that's that's why

1088
00:40:20,780 --> 00:40:24,410
we're all here right it's a place we can

1089
00:40:22,309 --> 00:40:26,090
find you online yeah so Twitter is a

1090
00:40:24,409 --> 00:40:28,819
good place to catch me so it's at dr. V

1091
00:40:26,090 --> 00:40:30,769
I'm at dr v y om that's where i'm

1092
00:40:28,820 --> 00:40:32,330
posting all my nonsense right thank you

1093
00:40:30,769 --> 00:40:34,400
because i and you win the coolest chair

1094
00:40:32,329 --> 00:40:35,779
prize today man that is good ah thank

1095
00:40:34,400 --> 00:40:38,450
you well simple but effective

1096
00:40:35,780 --> 00:40:40,780
I like ah hey I'm glad you appreciate it

1097
00:40:38,449 --> 00:40:40,779
clockwise

1098
00:40:43,449 --> 00:40:47,929
have I spoken to you cuz you've had your

1099
00:40:45,440 --> 00:40:50,780
time on stage in the panel like what was

1100
00:40:47,929 --> 00:40:52,849
your what doctors no is that your one it

1101
00:40:50,780 --> 00:40:55,070
was someone is wrong on the internet

1102
00:40:52,849 --> 00:40:56,539
okay now we've talked about this about

1103
00:40:55,070 --> 00:40:58,430
the whole troll things that kind of

1104
00:40:56,539 --> 00:40:59,389
stuff how did it go first time on the

1105
00:40:58,429 --> 00:41:01,399
panel there did you get any good

1106
00:40:59,389 --> 00:41:02,599
questions a few people said people

1107
00:41:01,400 --> 00:41:04,099
weren't talking to the Michael on that

1108
00:41:02,599 --> 00:41:05,420
panel but they didn't say who was it

1109
00:41:04,099 --> 00:41:07,069
with occasionally people were turning

1110
00:41:05,420 --> 00:41:09,380
away from the mic that wasn't you was it

1111
00:41:07,070 --> 00:41:11,660
yeah probably no okay I mean experience

1112

00:41:09,380 --> 00:41:13,039
so we're getting people up pointing at

1113
00:41:11,659 --> 00:41:14,539
you and telling you wrong did you get

1114
00:41:13,039 --> 00:41:16,070
any stuff going on like that no cause

1115
00:41:14,539 --> 00:41:18,259
we're amongst friends obviously it has

1116
00:41:16,070 --> 00:41:20,990
acceptance but it was more about other

1117
00:41:18,260 --> 00:41:24,200
people and propagating myths and

1118
00:41:20,989 --> 00:41:26,089
nonsense I always think ignoring trolls

1119
00:41:24,199 --> 00:41:28,129
seems to be great ideas from talking to

1120
00:41:26,090 --> 00:41:29,600
the side babe and stuff in that but you

1121
00:41:28,130 --> 00:41:30,890
would agree with that but picking which

1122
00:41:29,599 --> 00:41:33,170
one's the trolls and which one just

1123
00:41:30,889 --> 00:41:34,730
asking dumb questions can be hardly well

1124
00:41:33,170 --> 00:41:37,519
also the idea is necessarily don't

1125
00:41:34,730 --> 00:41:39,079
confront the troll but that troll might

1126
00:41:37,519 --> 00:41:41,719

have an audience which you'll want to

1127

00:41:39,079 --> 00:41:43,369

address so you don't want to necessarily

1128

00:41:41,719 --> 00:41:44,659

tell them that they're wrong but you

1129

00:41:43,369 --> 00:41:46,579

want to tell anyone that might be

1130

00:41:44,659 --> 00:41:47,989

reading what they're writing that they

1131

00:41:46,579 --> 00:41:50,569

are wrong because the last thing you

1132

00:41:47,989 --> 00:41:52,879

want is for someone to be informing

1133

00:41:50,570 --> 00:41:55,010

people incorrectly okay what about in

1134

00:41:52,880 --> 00:41:56,570

person I spoke to dr. Karl earlier who

1135

00:41:55,010 --> 00:41:58,550

said the best way to deal that applied

1136

00:41:56,570 --> 00:42:00,260

and I had a dinner parties just to go

1137

00:41:58,550 --> 00:42:02,690

your scientifically incorrect and change

1138

00:42:00,260 --> 00:42:04,490

the subject would you had that strength

1139

00:42:02,690 --> 00:42:05,740

of character to do that and just leave

1140

00:42:04,489 --> 00:42:08,799

it or would you have to go for

1141
00:42:05,739 --> 00:42:10,719
gulia um it depends on the person that

1142
00:42:08,800 --> 00:42:12,369
you're arguing with if you think they

1143
00:42:10,719 --> 00:42:13,569
might actually change their mind that'd

1144
00:42:12,369 --> 00:42:16,390
be worth it otherwise all you're doing

1145
00:42:13,570 --> 00:42:17,470
is picking a fight so I'm very much when

1146
00:42:16,389 --> 00:42:19,118
it comes to these kind of things I'm

1147
00:42:17,469 --> 00:42:21,009
very much done confrontational yeah

1148
00:42:19,119 --> 00:42:22,420
that's a way to go there so the rest of

1149
00:42:21,010 --> 00:42:26,140
the weekend non confrontational for you

1150
00:42:22,420 --> 00:42:27,940
hmm well you know early days yet early

1151
00:42:26,139 --> 00:42:29,469
days yeah look there's a magician at the

1152
00:42:27,940 --> 00:42:30,909
whole dinner tonight with job hosting so

1153
00:42:29,469 --> 00:42:32,769
don't make a scene don't get up and

1154
00:42:30,909 --> 00:42:34,389
point that's not real magic that's just

1155
00:42:32,769 --> 00:42:37,380
a trick don't do that okay I want to

1156
00:42:34,389 --> 00:42:37,379
look up his sleeves okay

1157
00:42:48,449 --> 00:42:53,949
[Music]

1158
00:42:50,519 --> 00:42:56,800
hi this is dr. Pamela gay from astronomy

1159
00:42:53,949 --> 00:42:58,689
cast each week Fraser Cain and I take

1160
00:42:56,800 --> 00:43:00,910
our listeners on a fact-based journey

1161
00:42:58,690 --> 00:43:03,639
through the cosmos with our weekly

1162
00:43:00,909 --> 00:43:06,429
podcast we explain not just what we know

1163
00:43:03,639 --> 00:43:09,309
but how we know what we know about this

1164
00:43:06,429 --> 00:43:11,769
universe that we share check us out at

1165
00:43:09,309 --> 00:43:14,170
astronomy cast calm and look for us in

1166
00:43:11,769 --> 00:43:17,969
itunes google play and wherever you

1167
00:43:14,170 --> 00:43:25,949
download podcasts see online

1168
00:43:17,969 --> 00:43:25,948
[Music]

1169

00:43:32,030 --> 00:43:36,540
thank you for listening to the skeptic

1170
00:43:34,469 --> 00:43:38,399
zone coming up on next week's show part

1171
00:43:36,539 --> 00:43:41,460
two of Maenads interview with the Yvette

1172
00:43:38,400 --> 00:43:43,680
Don Ramon and next week event we'll be

1173
00:43:41,460 --> 00:43:46,980
talking about supplements and what it's

1174
00:43:43,679 --> 00:43:49,379
like being in Trump's America also we

1175
00:43:46,980 --> 00:43:52,409
hope to bring you some insights and

1176
00:43:49,380 --> 00:43:55,200
reports and comments from skeptics in

1177
00:43:52,409 --> 00:43:58,079
the pub with David Rosenberg who is the

1178
00:43:55,199 --> 00:44:00,389
guest will be the guest when the next

1179
00:43:58,079 --> 00:44:02,670
show goes out plus a lot more interviews

1180
00:44:00,389 --> 00:44:06,089
from skeptic on without the speakers and

1181
00:44:02,670 --> 00:44:08,490
attendees another thank you from me to

1182
00:44:06,090 --> 00:44:12,050
the skeptic zone supporters a couple of

1183
00:44:08,489 --> 00:44:15,239

weeks ago I bought myself the zoom h6

1184

00:44:12,050 --> 00:44:17,340

microphone and mixer and I'll be using

1185

00:44:15,239 --> 00:44:18,869

that to conduct interviews and mixed

1186

00:44:17,340 --> 00:44:23,370

reports and things like that's and very

1187

00:44:18,869 --> 00:44:25,559

very nice piece of gear and I hope it

1188

00:44:23,369 --> 00:44:29,039

means that I'll be able to bring you

1189

00:44:25,559 --> 00:44:30,239

better sounding or more interesting now

1190

00:44:29,039 --> 00:44:32,579

that's not the right way to say it's

1191

00:44:30,239 --> 00:44:35,129

better sounding isn't it I hope it's

1192

00:44:32,579 --> 00:44:37,679

always interesting regardless I mean I

1193

00:44:35,130 --> 00:44:40,650

could even record all this on a cheap a

1194

00:44:37,679 --> 00:44:42,599

how old-fashioned real for real I had as

1195

00:44:40,650 --> 00:44:44,010

a kid as long as the content is

1196

00:44:42,599 --> 00:44:45,869

interesting but I do want to make it

1197

00:44:44,010 --> 00:44:47,550

sound good but anyway thank you very

1198
00:44:45,869 --> 00:44:50,460
much for all those people who contribute

1199
00:44:47,550 --> 00:44:52,769
to the show financially and the best way

1200
00:44:50,460 --> 00:44:56,909
to do that is to head to skeptic zone TV

1201
00:44:52,769 --> 00:44:58,800
and click the patreon link and your five

1202
00:44:56,909 --> 00:45:00,659
dollars for example a month goes a very

1203
00:44:58,800 --> 00:45:05,550
long way here at the skeptic zone and

1204
00:45:00,659 --> 00:45:08,849
some people even contribute more \$10 or

1205
00:45:05,550 --> 00:45:11,580
\$20 there's various packages available

1206
00:45:08,849 --> 00:45:13,679
if you're a for example are \$10 a month

1207
00:45:11,579 --> 00:45:17,929
contributor I send you out a little

1208
00:45:13,679 --> 00:45:21,239
parcel of Gries and and so on but anyway

1209
00:45:17,929 --> 00:45:23,579
if you've never contributed to the

1210
00:45:21,239 --> 00:45:25,469
skeptic zone before chipped in please

1211
00:45:23,579 --> 00:45:28,440
consider doing that it helps keep the

1212
00:45:25,469 --> 00:45:30,329
show going oh and by the way yes the

1213
00:45:28,440 --> 00:45:32,130
skeptical zone cats really did like the

1214
00:45:30,329 --> 00:45:35,099
editor after all I wonder if they want

1215
00:45:32,130 --> 00:45:37,410
some more but for this week this is

1216
00:45:35,099 --> 00:45:39,889
Richard Saunders signing off from Sydney

1217
00:45:37,409 --> 00:45:39,889
Australia

1218
00:45:41,528 --> 00:45:47,528
you've been listening to the skeptical

1219
00:45:44,028 --> 00:45:53,630
zone podcast please visit our website at

1220
00:45:47,528 --> 00:45:57,130
wwlp.com tax and to access the bat

1221
00:45:53,630 --> 00:45:59,809
catalog of episodes going back to 2008

1222
00:45:57,130 --> 00:46:03,108
you can follow the skeptical zone podcast

1223
00:45:59,809 --> 00:46:05,390
on twitter at skeptical zone visit our

1224
00:46:03,108 --> 00:46:08,748
facebook page or leave a review on

1225
00:46:05,389 --> 00:46:12,108
itunes you can also support the skeptical

1226

00:46:08,748 --> 00:46:14,478
zone via patreon or PayPal the skeptic

1227
00:46:12,108 --> 00:46:16,248
zone podcast is an independent

1228
00:46:14,478 --> 00:46:18,618
production the views and opinions

1229
00:46:16,248 --> 00:46:20,778
expressed on the skeptic zone are not

1230
00:46:18,619 --> 00:46:23,700
necessarily those of Australian skeptics

1231
00:46:20,778 --> 00:46:30,010
or any other skeptical organization

1232
00:46:23,699 --> 00:46:30,009
[Music]

1233
00:46:34,650 --> 00:46:40,570
now this is the normal evening routine

1234
00:46:38,320 --> 00:46:42,460
here at skeptic Zone headquarters what

1235
00:46:40,570 --> 00:46:46,440
do you want hmm

1236
00:46:42,460 --> 00:46:52,929
you want some dinner you had dinner

1237
00:46:46,440 --> 00:46:53,289
no really you have she doesn't believe

1238
00:46:52,929 --> 00:46:57,089
me

1239
00:46:53,289 --> 00:46:57,090
I was there you had dinner